

**OSCODA TOWNSHIP
REGULAR BOARD MEETING
AGENDA & NOTICE**

September 28, 2020 - 7:00 P.M.

<https://us02web.zoom.us/j/84606242594>

Call-In Number: +1-929-205-6099

Meeting ID: 846 0624 2594

Posted Date: September 24, 2020

Press Notification Date: September 24, 2020

Posted by: Tammy Kline

CALL TO ORDER

ROLL CALL

PUBLIC HEARING: Phase 3 of the Iosco Exploration Trail / Bike Path

AGENDA ADDITIONS:

CONSENT AGENDA:

Approval of Minutes:

1. Work Session Minutes – September 11, 2020
2. Regular Meeting Minutes – September 14, 2020

Finance:

1. Payment of Bills (Oscoda Township) – Total - \$
 - a. Prepaid – September , 2020 - \$
 - b. Check Run – September , 2020 - \$

SUB COMMITTEE REPORTS AND PROJECT UPDATES: (As Available)

1. Update from Ascension Hospital Concerning COVID-19
2. Monthly Update from the Economic Improvement Director for September 2020
3. Update on the Old Orchard Park Soil Erosion Project
4. Monthly Recap from Utility Operator through August 2020
5. Update on the DRAFT Housing Study Key Conclusions
6. Recap of the Work Session Friday 25 September 2020
7. Update on the Township Superintendent Position

REPORTS:

1. **Superintendent** ----- Schaeffer
 - a. 2020 Appropriation Changes for Police and Fire for the FRHPPP Funding
 - b. Phase 2 Water Main Extension Final Pay Order #4
 - c. Payment of ROWE Invoices for Phase 2 Water Main Extension
 - d. Request to Purchase DPW Truck
 - e. Proposal for Tax Abatement Policy Consulting Services
 - f. Proposal for Website Redesign Services

RESOLUTIONS AND ORDINANCES:

- a. Resolution 2020-20: Resolution of Support for Military Equipment
- b. Resolution 2020-21: Phase 3 of the Iosco Exploration Trail / Bike Path

OTHER:

1. Recommendation to Hire Library Director
2. Authorization to Post for Library Assistant Position
3. Authorization to Post for the Finance Director Position

PUBLIC COMMENTS:

BOARD COMMENTS:

INFORMATIONAL:

1. Updated Pictures of the Fire Truck
2. Department of Defense Safety Training
3. Governor's Letter to the Air Force and Supporting Documents

Work Session Minutes September 11, 2020

Call to Order – Mr. Weed called the meeting to order at 1:04 p.m. at the Robert J. Parks Library located at 6010 North Skeel Avenue, Oscoda Michigan 48750.

Roll Call – Board Members Present: Mr. Cummings, Ms. McGuire, Mr. Nordeen, Mr. Palmer, Mr. Weed
Board Members Absent: Mr. Baier, Mr. Gayeski
Others Present: Mr. Schaeffer

Agenda Additions – None

Discuss Next Steps for IT Services RFP – Mr. Schaeffer provided an overview of the situation and there was general discussion by the board members about how to proceed. Mr. Schaeffer provided an example of an IT Services RFP and other information.

Public Comment – Mark Miller re: IT services

Adjourn – Mr. Weed adjourned the meeting at 2:02 p.m.

Aaron Weed
Supervisor
Charter Township of Oscoda

John Nordeen
Clerk
Charter Township of Oscoda

Regular Board Meeting Minutes September 14, 2020

Call to Order – Mr. Weed called the meeting to order at 7:00 p.m. the meeting was held virtually at web address <https://us02web.zoom.us/j/82610035021>. The meeting call-in number was 929-205-6099 and the meeting ID number was 82610035021.

Roll Call – Board Members Present: Mr. Baier, Mr. Cummings, Mr. Gayeski, Mr. Nordeen, Mr. Palmer, Mr. Weed
Board Members Absent: Ms. McGuire
Others Present: Mr. Freeman (ROWE Professional Services), Mr. Schaeffer, Mr. Szymanski

Agenda Additions – Add – Other: 4. Public Safety Clerical Assistant

Adoption of Agenda – Mr. Palmer supported a motion by Mr. Baier to accept the agenda as amended.
ALL YEAS
MOTION CARRIED

Consent Agenda – Mr. Cummings supported a motion by Mr. Palmer to accept the consent agenda as presented.
ALL YEAS
MOTION CARRIED

Mr. Palmer spoke about a refund of security deposit associated with a permit. Mr. Palmer also spoke about the refund review process.

Sub Committee Reports and Project Updates

Monthly Engineering Update for September 2020 – Mr. Freeman spoke to the board about ongoing engineering projects. Mr. Palmer spoke about a potential improvement to Ratliff Park and a possible contribution from the Van Etnan Lake Association's (VELA). Mr. Baier asked questions and spoke about grant programs and opportunities.

Recap of the North American Space Summit – Mr. Schaeffer and Mr. Weed spoke to the board and gave an update regarding the recent North American Space Summit and the spaceport initiative.

Recap of the Road and Sidewalk Committee Meeting Friday 4 September 2020 – Mr. Schaeffer and Mr. Baier spoke to the board about road projects on Huntington and Concord that were discussed at the recent road and sidewalk committee meeting.

Recap of the Work Session Friday 11 September 2020 – Mr. Schaeffer gave an update on the work session that took place regarding IT services.

Update on the Township Superintendent Position – Mr. Schaeffer spoke about the process associated with the superintendent position.

Superintendent's Report

Parking Lot Maintenance Request for the Robert J. Parks Library – Mr. Baier supported a motion by Mr. Palmer to approve the parking lot maintenance request for the Robert J. Parks Library in the amount of \$7,200.

ALL YEAS
MOTION CARRIED

Mr. Gayeski and Mr. Baier spoke about the use of the parking lot by adjoining property owners and suggested sending a letter requesting a contribution toward the cost of the project.

Security Cameras at Township Hall – Mr. Cummings supported a motion by Mr. Palmer to approve the recommended quote for Township Hall security cameras from Catch-M-Cams in an amount not to exceed \$13,964.52.

ALL YEAS
MOTION CARRIED

Mr. Gayeski and Mr. Palmer asked if the proposal included the cameras at the beach park and Mr. Schaeffer indicated that it did not. Mr. Cummings asked Mr. Weed about the specifications of the cameras. Mr. Baier spoke about the project and Chief David's memo.

Resolutions and Ordinances

Resolution 2020-19: Scheduling Public Hearing for Phase 3 of the Bike Path – Mr. Palmer supported a motion by Mr. Baier to adopt Resolution 2020-19.

ALL YEAS
MOTION CARRIED

Other

Determine Next Steps for the Township Superintendent Position – Mr. Cummings supported a motion by Mr. Weed to have a work session on September 25th at 10:00 a.m. to discuss our rankings for township superintendent.

ALL YEAS

MOTION CARRIED

There was discussion about the length of the time associated with the advertisement, the number of applications that had been received, and the timing involved with the hiring of a superintendent.

Determine Next Steps for the Township Superintendent Position – Mr. Gayeski supported a motion by Mr. Weed to hold a work session on October 10th at 10:00 a.m. for interviewing superintendent candidates.

ALL YEAS

MOTION CARRIED

Determine Next Steps for the Township Superintendent Position – Mr. Cummings supported a motion by Mr. Weed that the superintendent negotiating team be comprised of Mr. Palmer, Mr. Cummings, and Mr. Nordeen.

ALL YEAS

MOTION CARRIED

The composition of the negotiating team was discussed.

\$261.47 Bad Debt Write Off for Water Bill – Mr. Cummings supported a motion by Mr. Baier to go ahead with this write off as explained.

ALL YEAS

MOTION CARRIED

Proposed Changes to the Zoning Administrator Job Description – Mr. Cummings supported a motion by Mr. Palmer to approve changing the Zoning Administrator description to Planning and Zoning Director.

ALL YEAS

MOTION CARRIED

Mr. Palmer spoke about the functions associated with the position.

Public Safety Clerical Assistant – Mr. Gayeski supported a motion by Mr. Palmer to approve the police chief posting for the police clerical assistant position.

ALL YEAS

MOTION CARRIED

Mr. Palmer asked if there were other applicants from the first posting and Mr. Schaeffer indicated that there were, but the suggested method was to post again.

Public Comment – Joseph Davio re: Water bills; Steve Wusterbarth re: Thanks to superintendent, superintendent hiring process, ready-to-serve fees, township audits,

proposed changes to township financial functions; Robert Tasior re: Superintendent hiring process and township audit; Brian Haley re: Superintendent hiring, cemetery, Old Orchard Park retaining project; Mark Miller re: Township audit, bike path, IT services, North American Space Summit, EMS response time, township hall security camera system, superintendent hiring process

Board and Staff Comments – Mr. Baier re: Flu shot and Richard Miller correspondence; Mr. Palmer re: Ratliff Park boardwalk and Richard Miller correspondence; Mr. Weed re: Ready-to-serve fees, township hall security camera system, Richard Miller correspondence; Mr. Nordeen re: Richard Miller correspondence; Mr. Cummings re: Richard Miller correspondence

Adjourn – Mr. Cummings made a motion to adjourn at 8:54 p.m.

Aaron Weed
Supervisor
Charter Township of Oscoda

John Nordeen
Clerk
Charter Township of Oscoda

ECONOMIC IMPROVEMENT DIRECTOR HIGHLIGHTS – SEPTEMBER 2020

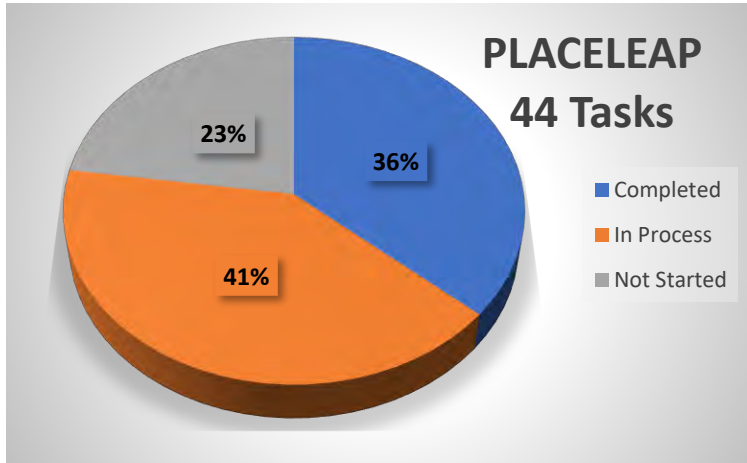
9-28-2020

Activity Summary

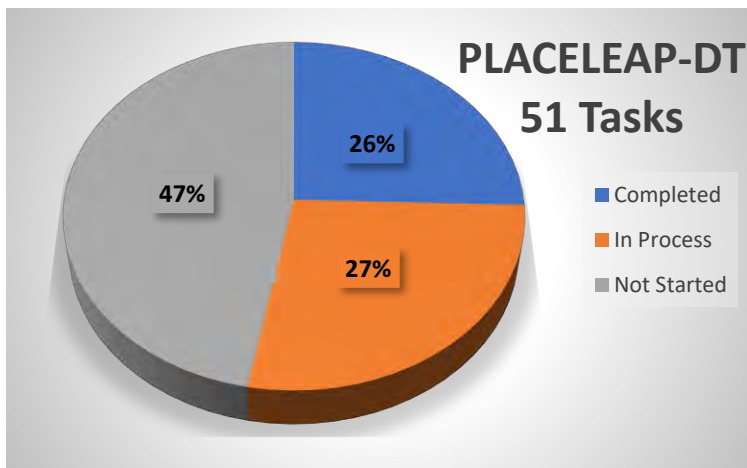
- Digital-55 Project Work –
 - Economic Development Micro-Site at 80% complete, I hope to be live in 2 weeks
- Downtown Summit (Potentially Virtual); October 20th
 - Stakeholder Survey out prior regarding Art Strategy for 2021
 - Stakeholder Survey out prior regarding DT Buildings Façade Grant Program 2021
- Wurtsmith Business Roundtable (Groups with a max of 10 participants); October 21st @ the Warrior Pavilion
- North American Space Summit Follow Up
 - Investor/User Familiarization Tour Sept 29th.
- Grant Pursuits & Opportunities
 - MEDC Site Ready Grant – Shortlisted 3 qualified consultants and pursuing cost proposals
 - EDA Grant pursuit
 - MEDC Relief Grant – Twp received a check for administration work we performed for just over \$23,000.
- Blue Ribbon Events –
 - “Pumpkins in the Park”; October 10th & 11th @ Furtaw Field
 - “Hunter Widows Wine Down”; November 14th @ the HSAH
 - [www.blueribbonevents](http://www.blueribbonevents.com) .com
- Multi-Family Housing Efforts
 - Market Rate Housing Study
 - N Skeel Ave Draft Site Plan
 - Developer RFP

ECONOMIC IMPROVEMENT DIRECTOR UPDATE TO TOWNSHIP BOARD

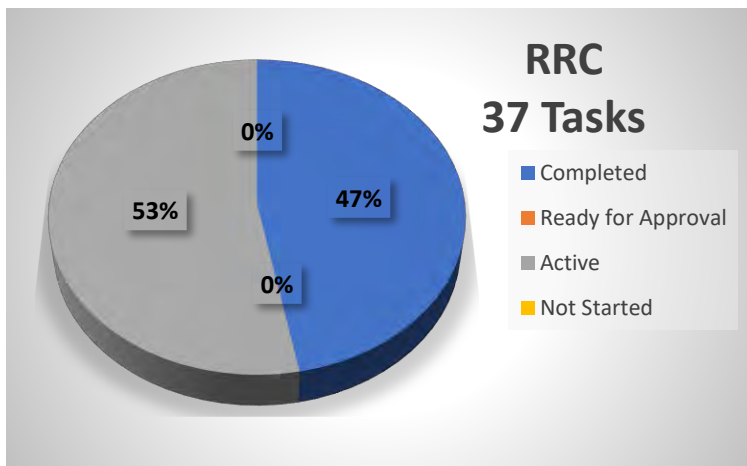
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- Making incremental progress on completing goals
- Several activities are in process and near completion



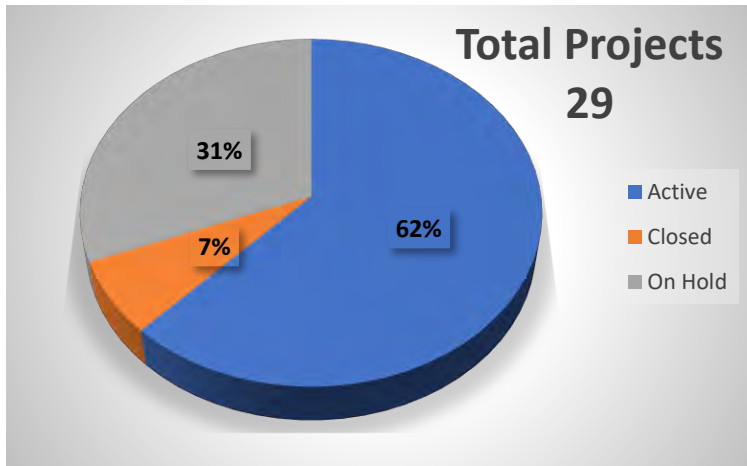
- Making incremental progress on completing goals
- Several activities are in process and near completion



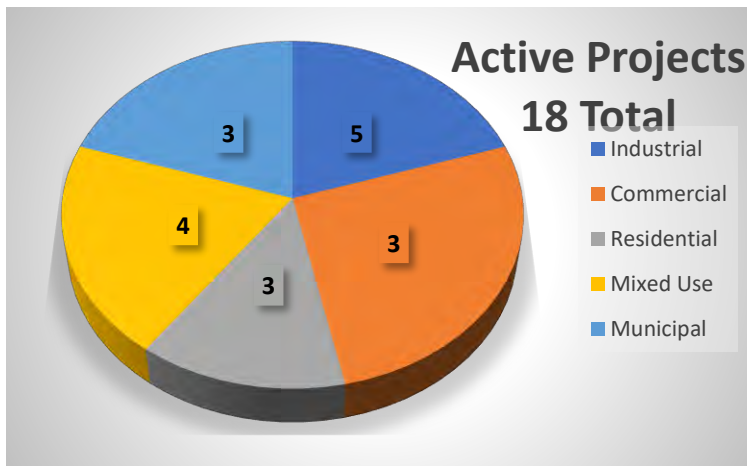
- At 47% complete
- 20 tasks remain to be completed
- 18 of those tasks are very near completion
- Longer lead items include updated master plan (in process) and new township website (in process)

ECONOMIC IMPROVEMENT DIRECTOR UPDATE TO TOWNSHIP BOARD

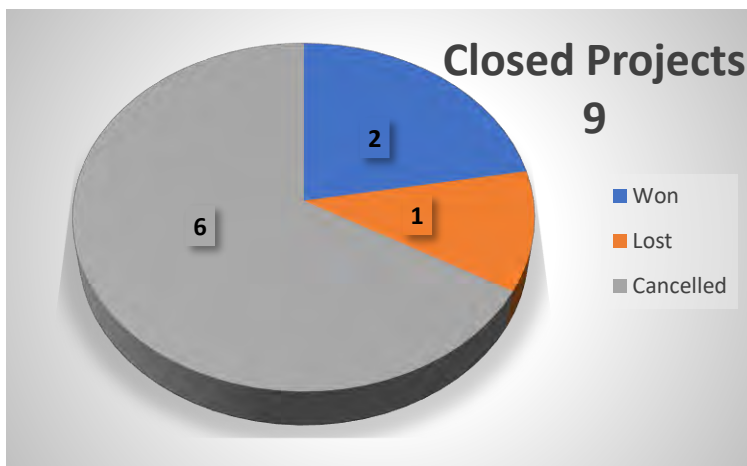
9-28-2020



- YTD Total Projects = 29
- 18 are currently active
- 9 have been closed
- 2 are “on hold”



- Overall project activity remains strong
- Activity is evenly dispersed among the categories



- Lost = AutoValue Store
- Won = Alcona Health Center
- Won = Perimeter Lot Holdings, LLC – Processing Center

Oscoda Township Economic Development Strategy- Implementation Plan

STATUS COLOR LEGEND & TOGGLE

Not Started ON	In Progress ON	Delayed ON	Complete ON
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OBJECTIVE	LOCAL GOAL(S)	REGIONAL GOAL(S)	STATUS	OWNER	ANTICIPATED		ACTUAL		Success Measurement
					START DATE	END DATE	START DATE	END DATE	
1. Create Inventory of Available Property	4, 6	3, 4	In Progress	Economic Improvement Director		3/31/2020	12/1/2019		Inventory created and posted online
1.A. Identify Properties Currently for Sale	4, 6	3, 4	Complete	Economic Improvement Director			12/1/2019		
1.B. Gather Data from Realtors on Available Property	4, 6	3, 4	Complete	Economic Improvement Director			12/1/2019		
1.C. Create Custom PDF Fact Sheets/Packets on Each Property	4, 6	3, 4	Complete	Economic Improvement Director			12/1/2019		
1.D. Post on Township Website	4, 6	3, 4	In Progress	Economic Improvement Director					
1.E. Identify Vacant Parcels Zoned Commercial, Industrial	4, 6	3, 4	Complete	Economic Improvement Director			12/1/2019		
1.F. Contact Owners to Determine Interest/Price	4, 6	3, 4	In Progress	Economic Improvement Director					
1.G. Create & Populate Property Database	4,6	3,4	In Progress	Economic Improvement Director			12/30/2019		
2. Launch Initiative	4, 5, 6	1, 8	Complete	Superintendent + Airport Manager		2/1/2020			Oscoda chosen as Michigan Representative
2.A. Work with Michigan Association of Aeronautics Manufacturers (MAMA) on site location package for Wurtsmith	4, 5, 6	1, 8	Complete	Superintendent + Airport Manager					
2.B. Market the Site to Potential Commercial Space Port Businesses	4, 5, 6	1, 8	Complete	Superintendent + Airport Manager					
3. Facilitate the Creation of More Rental Housing	2, 4	1, 9	In Progress	Economic Improvement Director		12/31/2021	12/15/2019		36 new units created
3.A. Using Inventory in Objective 1, create general marketing material and mailers to potential developers and MCP focusing on opportunities in Oscoda	2, 4	1, 9	Complete	Economic Improvement Director		2/28/2020	12/15/2019		

3.B. Using Inventory in Objective 1, create custom packages for potential developers focusing on rental (rent rates, construction costs, potential incentives)	2, 4	1, 9	In Progress	Economic Improvement Director		5/1/2019	12/15/2019		
3.C. Work with local Realtors and Property Owners to create a Request for Qualifications (RFQ) aimed at potential developers with scoring to determine "what a good developer is"	2, 4	1, 9	Not Started	Economic Improvement Director		5/1/2019			
3.D. Market RFQ to local builders and statewide developers	2, 4	1, 9	In Progress	Economic Improvement Director					
3.E. Evaluate RFQ Responses	2, 4	1, 9	Not Started	Economic Improvement Director					
3.F. Select Developer	2, 4	1, 9	Not Started	Economic Improvement Director					
4. Facilitate the Creation of More Single Family Housing	2, 4	1, 9	Not Started	Economic Improvement Director		12/31/2025			24 new single family units created
4.A. Using Inventory in Objective 1, create custom packages for potential developers focusing on rental (rent rates, construction costs, potential incentives)	2, 4	1, 9	Not Started	Economic Improvement Director					
4.B. Work with local Realtors and Property Owners to create a Request for Qualifications (RFQ) aimed at potential developers with scoring to determine "what a good developer is"	2, 4	1, 9	Not Started	Economic Improvement Director					
4.C. Market RFQ to local builders and statewide developers	2, 4	1, 9	In Progress	Economic Improvement Director					
5. Adopt Form-Based Code	1, 2, 6	1, 7	Complete	Economic Improvement Director		6/1/2020		12/15/2019	Form-Based Code adopted
5.A. Work with Beckett Raeder to finalize draft form-based code for downtown	1, 2, 6	1, 7	Complete	Economic Improvement Director				11/15/2019	
5.B. Planning Commission adopts code	1, 2, 6	1, 7	Complete	Economic Improvement Director				12/1/2019	
5.C. Township Board adopts code	1, 2, 6	1, 7	Complete	Economic Improvement Director				12/15/2019	
6. Create Regional Opportunity Partnership	2	2, 11	Complete	Economic Improvement Director		12/31/2021			At least two other communities join partnership

6.A. Work with NEMCOG to identify other local governments for partnership	2	2, 11	Complete	Economic Improvement Director			12/1/2019		
6.B. Gather market data and potential sites for housing development	2	2, 11	In Progress	Economic Improvement Director					
6.C. Create a showcase event for potential developers	2	2, 11	Not Started	Economic Improvement Director					
7. Talent Onboarding	4	1, 9	In Progress	Chamber + CVB		6/1/2020	12/19/2019		Packet created and distributed monthly; gathering held monthly
7.A. Develop Welcome Packet	4	1, 9	In Progress	Chamber + CVB		4/1/2019	12/19/2019		
7.B. Recruit Sponsors for Packet (coupons, mailing costs, etc.)	4	1, 9	In Progress	Chamber + CVB		4/1/2019	12/19/2019		
7.C. Distribute Packets to New Residents (via Realtors and Kalitta)	4	1, 9	In Progress	Chamber + CVB		4/1/2019	12/19/2019		
7.D. Create Monthly Gathering for new residents	4	1, 9	In Progress	Chamber + CVB		4/1/2019	12/19/2019		
7.E. Recruit sponsors for monthly gathering	4	1, 9	In Progress	Chamber + CVB		4/1/2019	12/19/2019		
7.F. Invite new residents (via Kalitta, Realtors)	4	1, 9	In Progress	Chamber + CVB		4/1/2019	12/19/2019		
7.G. Work with Realtors, CVB, and Chamber to create a Quarterly Familiarization Tour highlighting things/places to know.	4	1, 9	In Progress	Chamber + CVB		4/1/2019	12/19/2019		
8. Conduct Retention Program	1, 4	3, 8	In Progress	Economic Improvement Director		Ongoing	11/15/2019		10 Visits per calendar year
8.A. Identify the 10 largest employers in Oscoda	1, 4	3, 8	Complete	Economic Improvement Director			12/15/2019		
8.B. Visit each of the 10 at least annually to see what the Township can do to assist	1, 4	3, 8	In Progress	Economic Improvement Director		4/1/2019	11/15/2019		
9. Manufacturing Attraction Program	1, 4	3, 8	In Progress	Economic Improvement Director		Ongoing	12/1/2019		Marketing materials created and posted online
9.A. Using the inventory from Objective 1, create marketing pieces for industrial property	1, 4	3, 8	Complete	Economic Improvement Director			12/1/2019		

9.B. Use marketing pieces to respond to inquiries for sites	1, 4	3, 8	Complete	Economic Improvement Director					
9.C. Work with existing largest employers to identify potential suppliers/customers who may benefit from being located closer by.	1, 4	3, 8	In Progress	Economic Improvement Director					
10. Create a Revolving Loan Fund (RLF)	1, 4, 5, 6	3, 4	Not Started	Economic Improvement Director		9/30/2021			Fund created
10.A. Create a RLF Committee with members from lenders in the community	1, 4, 5, 6	3, 4	Not Started	Economic Improvement Director					
10.B. Appropriate match for grant	1, 4, 5, 6	3, 4	Not Started	Economic Improvement Director					
10.C. Apply + Obtain for RLF grant through USDA-RD	1, 4, 5, 6	3, 4	Not Started	Economic Improvement Director					
10.D. Promote RLF to local businesses	1, 4, 5, 6	3, 4	Not Started	Economic Improvement Director					
11. CVB Increase Room Assessments to 5%	3, 4, 6	1	In Progress	CVB		12/31/2020	12/1/2019		Assessment adopted
11.A. Calculate potential budgeting impacts of increasing assessment to 5%	3, 4, 6	1	Complete	CVB					
11.B. Meet with CVB members to discuss possibility to increase assessment, including draft budget showing how funds would be used	3, 4, 6	1	In Progress	CVB			12/19/2019		
11.C. Conduct vote of Members	3, 4, 6	1	In Progress	CVB					
11.D. Enact new assessment	3, 4, 6	1	In Progress	CVB					

Oscoda Township Downtown- Implementation Plan

STATUS COLOR LEGEND & TOGGLE

Not Started	In Progress	Delayed	Complete
ON	ON	ON	ON

OBJECTIVE	LOCAL GOAL(S)	REGIONAL GOAL(S)	STATUS	OWNER	ANTICIPATED		ACTUAL		Success Measurement
					START DATE	END DATE	START DATE	END DATE	
1. Create Vacant Building Registry	1, 6	1, 3	In Progress	Superintendent		12/31/2019			Registry adopted and enforced
1.A. Research Vacant Building Registry ordinances (examples)	1, 6	1, 3	Complete	Superintendent					
1.B. Create Oscoda-Specific Registry Ordinance	1, 6	1, 3	Complete	Superintendent					
1.C. Planning Commission Recommends Registry	1, 6	1, 3	Complete	Superintendent					
1.D. Township Board Adopts Registry	1, 6	1, 3	Complete	Superintendent					
1.E. Inventory Vacant Buildings	1, 6	1, 3	Complete						
1.F. Create & Populate Downtown Property Database	1, 6	1, 3	In Progress						
2. Create a parking management plan	1, 7	1	In Progress	Superintendent + Economic Improvement Director		12/31/2025			Parking Management Plan Created
2.A. Map all available parking in downtown (detailed- number of spaces, condition, ownership, etc)	1, 7	1	Complete	Superintendent + Economic Improvement Director					
2.B. Create map of public spaces and promote	1, 7	1	Complete	Superintendent + Economic Improvement Director					
2.C. Conduct survey or use/vacancy times	1, 7	1	Complete	Superintendent + Economic Improvement Director					
2.D. Work with property owners to evaluate parking needs	1, 7	1	Complete	Superintendent + Economic Improvement Director					

2.E. Determine what options Township could use to better manage parking supply (ownership, lease, trade) based on current and projected needs	1, 7	1	Complete	Superintendent + Economic Improvement Director					
2.F. Determine what spaces may be better utilized as development rather than parking	1, 7	1	Complete	Superintendent + Economic Improvement Director					
3. Create Vibrancy Grants	1, 6	1	In Progress	Economic Improvement Director		6/1/2020			At least three grants awarded
3.A. Meet with local property/business owners about potential parameters (uses, general design, matching funds, timing) to narrow down focus	1, 6	1	Complete	Economic Improvement Director					
3.B. Create program parameters and identify funding	1, 6	1	In Progress	Economic Improvement Director					
3.C. Township Board Approves Parameters	1, 6	1	Not Started	Economic Improvement Director					
3.D. Create intake and scoring process (if needed)	1, 6	1	Not Started	Economic Improvement Director					
3.E. Market program to property/business owners	1, 6	1	Not Started	Economic Improvement Director					
3.F. Determine which properties/business will be funded	1, 6	1	Not Started	Economic Improvement Director					
3.G. Board Approves Funding	1, 6	1	Not Started	Economic Improvement Director					
3.H. Execute grants/purchases	1, 6	1	Not Started	Economic Improvement Director					
3.I. Celebrate completion (ribbon cutting, press release, add to "what's new" communications	1, 6	1	Not Started	Economic Improvement Director					
4. Improve Walkability + Traffic Calming	1, 7	1, 11	Not Started	Superintendent + Economic Improvement Director		12/31/2029			At least five crosswalks newly marked
4.A. Meet with MDOT Region Office to determine how local streets can interface with US-23	1, 7	1, 11	In Progress	Zoning Administrator					
4.B. Identify local street crossings in downtown	1, 7	1, 11	In Progress	Zoning Administrator					

4.C. Identify potential designs for crosswalks	1, 7	1, 11	Not Started	Superintendent + Economic Improvement Director					
4.D. Work with DPW and public to determine what designs/stencils should be used in crosswalks	1, 7	1, 11	Not Started	Superintendent + Economic Improvement Director					
4.E. Implement new crosswalk designs	1, 7	1, 11	Not Started	Superintendent + Economic Improvement Director					
4.F. Work with MDOT to determine what streetscape modifications could be made to calm traffic	1, 7	1, 11	In Progress	Zoning Administrator					
4.G. Work with MDOT to identify funding/budget for improvements	1, 7	1, 11	In Progress	Zoning Administrator					
4.H. Execute improvements	1, 7	1, 11	Not Started	Superintendent + Economic Improvement Director					
5. Create More Public Art + Murals	1, 4	1, 9	In Progress	Economic Improvement Director		3/31/2021			At least three new pieces of public art installed
5.A. Create a "Where Would You Like Art?" social media campaign to have residents, businesses, and property owners post pictures of where they would like to see public art	1, 4	1, 9	Complete	Economic Improvement Director					
5.B. Work with property owners to determine willingness to participate	1, 4	1, 9	In Progress	Economic Improvement Director					
5.C. Get public feedback to determine location(s) or art installments and determine mediums	1, 4	1, 9	In Progress	Economic Improvement Director					
5.D. Solicit artists to send proposals	1, 4	1, 9	Not Started	Economic Improvement Director					
5.E. Determine which art will be installed and where	1, 4	1, 9	In Progress	Economic Improvement Director					
5.F. Execute contract with artists	1, 4	1, 9	Not Started	Economic Improvement Director					
6. Create Archway to connect downtown to beachfront	1, 7	1	In Progress	Superintendent		12/31/2022			Gateway Created
6.A. Determine Right-of-Way conditions	1, 7	1	In Progress	Superintendent					

6.B. Design sign to meet ROW conditions and location	1, 7	1	In Progress	Superintendent					
6.C. Have archway created	1, 7	1	In Progress	Superintendent					
6.D. Install archway	1, 7	1	In Progress	Superintendent					
7. Encourage Micro + Pop-Up Retail	1, 4, 6	1, 3	In Progress	Economic Improvement Director		3/31/2021			At least two new retailers downtown
7.A. Meet with vacant property owners to explain and determine openness to either concept	1, 4, 6	1, 3	In Progress	Economic Improvement Director					
7.B. Once willingness is established, work with property owners to determine potential rent rates for pop-up retail	1, 4, 6	1, 3	Not Started	Economic Improvement Director					
7.C. Once willingness is established, determine which property owners would consider demising walls to create micro-retail spaces	1, 4, 6	1, 3	Not Started	Economic Improvement Director					
7.D. Consider micro-retail space alternatives (sheds, containers, etc) to existing buildings if owners not interested. Possible sites would be sheds at Furtaw Field or property near beach	1, 4, 6	1, 3	Not Started	Economic Improvement Director					
7.E. Promote potential pop-up retail sites	1, 4, 6	1, 3	Not Started	Economic Improvement Director					
7.F. If property owners are interested, determine best locations for micro retail and estimated costs for demising walls	1, 4, 6	1, 3	Not Started	Economic Improvement Director					
7.G. Create grants for demising wall recipients	1, 4, 6	1, 3	Not Started	Economic Improvement Director					
7.H. If no property owners interested, determine costs to create new spaces on vacant property	1, 4, 6	1, 3	Not Started	Economic Improvement Director					
7.I. Using farmers market model, determine rules for micro retail users and rent	1, 4, 6	1, 3	Not Started	Economic Improvement Director					
7.J. Pre-lease micro-retail space	1, 4, 6	1, 3	Not Started	Economic Improvement Director					
7.K. Purchase and install sheds/containers for village	1, 4, 6	1, 3	Not Started	Economic Improvement Director					
7.L. Celebrate opening and market retail	1, 4, 6	1, 3	Not Started	Economic Improvement Director					

RRC Road Map

Section	Remaining/Inactive Tasks	Active	Ready for Approval	APPROVED	Updates
1.1.1		Plans: Master Plan Adopt New/Updated MP			Draft Completed
1.1.2				Plans: Downtown Plan Updated DT Plan Adopt	APPROVED
1.1.4				Plans: Capital Improvement Plan Board approved and posted	APPROVED
1.2.1		Public Participation: Documented Plan Create and Adopt a Public Participation Plan for Public Development Projects			
1.2.2				Public Participation: Proactive Engagement Activities	APPROVED
1.2.3		Public Participation: Outcomes & Evaluation - Track Success, Communicates Outcomes			
2.1.1		Zoning: Master Plan Alignment Zoning and Master Plan are Aligned			
2.1.2				Zoning: Concentrated Development Form Based Code	APPROVED
2.1.3				Zoning: Flexible Development Tools	APPROVED
2.1.4				Zoning: Housing Diversity	APPROVED
2.1.5				Zoning: Nonmotorized Transportation Ordinances Include Standards	APPROVED
2.1.6				Zoning: Parking Flexibility	APPROVED

RRC Road Map

2.1.7				Zoning: Green Infrastructure	APPROVED
2.1.8				Zoning: Friendliness	User- APPROVED
3.1.1				Development Review: Process	Defined APPROVED
3.1.2				Development Review: Professional	Intake APPROVED
3.1.3		Development Review: Review Meetings - Commission	Conceptual Planning Website		
3.1.4		Development Review: Planning Commission Members to form "Team"	Joint Review - Other		
3.1.5		Development Review: Review Process - Commission - Review Process - where it can be found	Internal Planning Document the Provide a Reference		
3.1.6		Development Review: Develop a Flowchart of Development Process with Timelines be Part of the Guide to Development	Prompt Action - Should		

RRC Road Map

3.1.7		Development Review: Tracking System Develop a Project Tracking System for Projects Planning Commission Tracks through zoning to permit to inspection to occupant			
3.1.8		Development Review: Feedback and Improvement Obtain Feedback from Users Upload Copy of Feedback Tool Joint Review Team Meets Annually			
3.2.1		Guide to Development			
3.2.2		Development Review: Fees and Payment Options			
4.1.1				Board Recruitment: Application and Expectations Elected Officials Planning Commission EIC List Expectations and Requirements Application Available Online Outline the Process	APPROVED
4.1.2				Board Recruitment: Orientation Materials	APPROVED
4.2.1				Training: Dedicated Line Item	APPROVED
4.2.2		Training: Strategy and Tracking Applies to Boards and Commissions Create and Upload Training Priorities Upload Method for Tracking Attendance			

RRC Road Map

4.2.4		Communication: Training Report Outs Applies to Boards, Commissions and Staff			
4.2.4		Communication: Joint Meetings Establish a Joint Meeting Between Township Board, Annual DDA(If Reformed), Planning Commission, Zoning Board of Appeals, EIC and Board of Review Upload AGENDA 12-18 months Set a Date for the Annual Report			
5.1.1				Community Prosperity: Economic Development Strategy	APPROVED
5.1.2		Community Prosperity: Economic Development Strategy Report - Set a Date for Annual Report			
5.2.1				Community Prosperity: Marketing Strategy Identify Sites Strengthen Brand for PlaceLEAP strategies Outline Steps to Sell Community	APPROVED
5.2.2		Community Prosperity: Community Website			
		Priority Redevelopment Site #1 - Housing - Address Strategy			
		Priority Redevelopment Site #2 - Commercial - Address Strategy			
		Priority Redevelopment Site #3 - Industrial - Address Strategy			

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Submitted to

Oscoda Charter Township



Operating Report for
August 2020



2960 Lucerne Dr., SE Grand Rapids, MI 49546



September 23, 2020

Mr. David Schaeffer
110 South State Street
Oscoda Charter Township, MI 48750

SUBJECT: Oscoda Township Operations Report for August 2020

Dear Mr. Schaeffer:

FVOP is pleased to submit a summary of our operations in the Charter Township of Oscoda for august 2020. If you have any questions or comments regarding the information in this report, please feel free to contact us.

F&V OPERATIONS AND RESOURCE MANAGEMENT, INC.

A handwritten signature in black ink that reads "Douglas B. Moen".

Douglas B. Moen
Project Manager

cc: Catherine Winn, Regional Manager

Enclosures:

- Operations & Maintenance Summary
- Work Order Totals
- Maintenance Cap Expenditures
- Lagoon Discharge Data

4466 McNichol Avenue
Oscoda, MI 48750
P: 989.739.8152
F: 989.739.0800
www.fv-operations.com

EXECUTIVE SUMMARY

The August 2020 operation and maintenance summary report for the Oscoda Township water and wastewater operations is provided for your review. All NPDES permit required testing and monitoring was performed at the wastewater lagoon during this period. A copy of the Final Effluent data from the August 2020 Discharge Monitoring Report (DMR) is provided for the Board's review in Attachment C.

Maintenance Allowance expenditures for the contract year May 2020 – April 2021 total \$3,499.93 through August 2020. A copy of the Maintenance Allowance report is included in Attachment B.

A tabulation of all water and sewer Work Orders completed to date is provided in Attachment A.

August 2020

August 10 – FVOP was on site at 7510 N US-23 for an emergency water shut off after a delivery truck hit the meter pit. Water was shut off to the home so repairs could be made.

August 10 – FVOP turned off water service to one commercial property for non-payment.

August 11 – FVOP installed a new water service and meter pit at 6475 Potomac Street and water service was turned on after the install was completed.

August 13 – FVOP was on site at 6437 Loud Drive, 6438 Loud Drive and 6436 Loud Drive to install meters and touchpads to new water services. Water was turned on after installations were complete.

August 13 – FVOP was on site at 5496 Cedar Lake Road for site restoration after a new water service installation was completed. Grass seed and straw were placed for site restoration.

August 14 - FVOP was on site to make needed repairs to two sewer manholes. Repairs were completed and the work sites were restored.

August 20 – FVOP was on site to install a meter pit at 308 Dwight Street. A meter was installed and water service was turned on after the install was completed.

August 24 – FVOP was on site at 7173 Huntington Drive to locate curb boxes at the owner's request. Curb boxes for Lot 475 and lot 476 were located and marked.

In accordance with Executive Order 2020-28, FVOP did not turn off water service to residential homes for non-payment of water bills during the month of August.



Attachment A

Work Order Summary

2020 Work Order Service Calls	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Property Owner Consults	6	6	4	1	6	5	7	9					44
Prop Check/ Verify Service	9	2	17	2	3	9	2	9					53
Turn On	25	22	55	54	111	55	15	4					341
Turn Off	20	3	4	0	4	3	5	1					40
Final Read	24	7	21	12	5	25	28	29					151
Re-Read	6	11	3	5	7	4	10	19					65
Touch Pad Repair	3	2	5	0	2	6	3	11					32
Curb Box/Curb Stop Repair	2	1	1	5	6	4	1	2					22
Backflow/Fire Suppression	0	15	0	0	0	0	0	0					15
Lagoon Samples	15	15	15	15	15	15	15	15					120
Bacti Samples	10	10	10	10	10	10	10	10					80
Monitoring Wells	0	5	0	0	5	0	0	5					15
Replace Meter	7	5	3	3	5	2	1	0					26
New Service/Meter Pit Install	0	0	2	1	0	2	5	16					26
Line/Main Break	2	0	0	0	0	0	0	0					2
Frozen Water Service	0	0	0	0	0	0	0	0					0
Hydrant Maintnance	1	0	1	2	0	0	0	0					4
Vehicle Maintenance	1	3	5	3	10	2	3	5					32
Miscellaneous	7	2	7	8	4	3	7	11					49
Non pay Turn Off	22	20	16	0	0	0	0	1					59
Sewer Backup	0	0	2	0	0	1	0	0					3
Lift Station Maintenance	2	4	1	0	3	0	0	0					10
Site Restoration	0	0	0	0	0	5	6	3					14
Land Use Permits	0	0	0	0	0	40	24	21					85
Sewer Issue	1	1	1	1	1	3	4	0					12
Service Door Tag	3	0	6	0	0	1	0	0					10
Distribute 2019 CCR Report	0	0	0	0	0	11	0	0					11
TOTAL WORK ORDERS	166	134	179	123	197	206	146	171					1322
MISS DIG TOTALS	50	15	48	97	104	104	111	107					636
OVERALL TOTAL	216	149	227	220	301	310	257	278					1958

Attachment B

Maintenance Allowance Updates

Oscoda Township - Water & Wastewater O&M

MAINTENANCE ALLOWANCE SPENDING 2020-2021

Contract year 2020-2021	\$	20,000.00
Remaining Fund From 2019-2020	\$	-
Beginning Total	\$	20,000.00
Total Spent 2020-2021	\$	3,499.93
Remaining Fund	\$	16,500.07

		Expense	Contract Year Running Total
May-20			
5/13 AuSable Hardware	Torch for crane truck	50.97	
5/13 AuSable Hardware	Parts for light repair over work bench, lift station lamps, ferric room heater motor, water service repair	70.11	
Total May		\$ 121.08	\$ 121.08
June-20			
6/8 Oudbier Instrument	Annual calibration lagoon and lift station flow meters	380.00	
6/24 Jack Doheny Company	Replace vactor tube	210.81	
Total June		\$ 590.81	\$ 711.89
July-20			
7/16 Tractor Supply Company	Grass seed for excavation site restoration	74.19	
Total July		\$ 74.19	\$ 786.08
August-20			
8/14 Amazon.com	Fasteners (300) for winterizing lagoon control structures	402.21	
8/19 Amazon.com	Washers for wintering lagoon control structures	31.77	
8/21 AuSable Hardware	Treated lumber for touchpad installation	20.64	
8/21 AuSable Hardware	Gasket material for lift station pumps	16.51	
8/24 Amazon.com	Carriage bolts for lagoon control structures	58.42	
8/30 Bisbee Infrared Services, Inc.	Annual infrared scan lift station #4, #25 and lagoon blowers	183.00	
Total August		\$ 712.55	\$ 1,498.63
September-20			
9/11 Core & Main	Copper tubing, curb stops	2,001.30	
Total September		\$ 2,001.30	\$ 3,499.93



Attachment C

Monitoring & Reporting

	EQ-1		August 2020				TOTAL				FLOW	FLOW	
		NITRATE		DISSOLVED	INORGANIC	AMMONIA	NITRITE		TOTAL	FLOW			FLOW
	CBOD5	Nitrogen	pH	OXYGEN	Nitrogen	Nitrogen	Nitrogen	SODIUM	CHLORIDE	PHOSPHORUS			Measured
	mg/l	mg/l	S.U.	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	GPD	GPY		
1										382000	84.171		
2										382000	84.553		
3										425000	84.978		
4										418000	85.396		
5	3	3.08	7.5	6.9	27.95	24.4	0.474	59.2	129	0.7	400000	85.796	
6											421000	86.217	
7											370000	86.587	
8											370000	86.957	
9											370000	87.327	
10											423000	87.750	
11		4.68	7.5	6.0	27.82	22.7	0.435				435000	88.185	
12											570000	88.755	
13											364000	89.119	
14											434000	89.553	
15											434000	89.987	
16											434000	90.421	
17											446000	90.867	
18		9.89	7.2	6.3	30.34	19.7	0.751				497000	91.364	
19											380000	91.744	
20											452000	92.196	
21											432000	92.628	
22											432000	93.060	
23											432000	93.492	
24											425000	93.917	
25											441000	94.358	
26		7.50	7.3	6.7	27.61	19.2	0.908				462000	94.820	
27											433000	95.253	
28											451000	95.704	
29											451000	96.155	
30											452000	96.607	
31											354000	96.961	

Tammy Kline

From: Andrew Mazak <AndrewM@vsinsights.com>
Sent: Thursday, September 24, 2020 10:09 AM
To: Dave Schaeffer; Ryan Madis
Cc: Todd Dickerson
Subject: RE: Oscoda Housing Study
Attachments: Section VIII-Oscoda Twp. Support Analysis and Conclusions (DRAFT).pdf

Importance: High

Gents – I just sent this to Dave, but wanted to send it to Todd and Ryan too, just so you're all on the same page. Please see attached for the DRAFT of the Support Analysis and overall conclusions. This explains the methodology used, which is based on the detailed housing survey and analysis we conducted (that will be found in the other sections of the full draft study). The rest of the market analysis will discuss and quantify these conclusions. However, the table at the bottom of page VIII-7 cuts right to the bottom of it. We believe 200-260 multifamily apartment units can be supported in Oscoda over the next five years.

Andrew

From: Dave Schaeffer <superintendent@oscodatownshipmi.gov>
Sent: Monday, September 21, 2020 2:41 PM
To: Andrew Mazak <AndrewM@vsinsights.com>; Ryan Madis <RMadis@OscodaTownshipMi.gov>
Cc: Todd Dickerson <tdickerson@OscodaTownshipMi.gov>
Subject: RE: Oscoda Housing Study

Hi Andrew,

Any update on when we'll have a Draft for Review?

I appreciate your help with this.

Thanks,

Dave

From: Andrew Mazak <AndrewM@vsinsights.com>
Sent: Tuesday, September 15, 2020 3:56 PM
To: Dave Schaeffer <superintendent@oscodatownshipmi.gov>; Ryan Madis <RMadis@OscodaTownshipMi.gov>
Cc: Todd Dickerson <tdickerson@OscodaTownshipMi.gov>
Subject: RE: Oscoda Housing Study

You're welcome – I'm sorry we don't have the final conclusions (in draft form) ready to share just yet. But we are moving along and should have the draft to you in the next week or so. Not that this is a surprise to you, but it is clear that considerable pent-up market demand exists in Oscoda for additional multifamily rental housing to be developed.

Andrew

From: Dave Schaeffer <superintendent@oscodatownshipmi.gov>
Sent: Tuesday, September 15, 2020 3:54 PM
To: Andrew Mazak <AndrewM@vsinsights.com>; Ryan Madis <RMadis@OscodaTownshipMi.gov>
Cc: Todd Dickerson <tdickerson@OscodaTownshipMi.gov>
Subject: RE: Oscoda Housing Study

Thank you Andrew!

Dave

From: Andrew Mazak <AndrewM@vsinsights.com>
Sent: Tuesday, September 15, 2020 3:07 PM
To: Ryan Madis <RMadis@OscodaTownshipMi.gov>
Cc: Dave Schaeffer <superintendent@oscodatownshipmi.gov>; Todd Dickerson <tdickerson@OscodaTownshipMi.gov>
Subject: RE: Oscoda Housing Study

Our focus has been Oscoda, the defined "Primary Market Area" (shown on the map), and then the two-county area of Alcona and Iosco counties. We anticipate the majority of demographic support potential from these areas. However, this excludes support from new employees coming to the area from new employment opportunities. This will be an additional support component that will generate additional demand for more potential housing units.

Andrew

From: Ryan Madis <RMadis@OscodaTownshipMi.gov>
Sent: Tuesday, September 15, 2020 2:17 PM
To: Andrew Mazak <AndrewM@vsinsights.com>
Cc: Dave Schaeffer <superintendent@oscodatownshipmi.gov>; Todd Dickerson <tdickerson@OscodaTownshipMi.gov>
Subject: Oscoda Housing Study

Hello Mr. Mazak,

I wanted to reach out about the Oscoda Housing Study. Dave recommended I reach out ahead of our 4pm Economic Improvement Committee meeting today to ask for an update or more. Let me know if there's anything I can share with our committee at this time, as we're anxious to learn about your findings.

Thanks,
Ryan

Ryan Madis, MPA
[Oscoda Township](#)
[CEDAM Fellow](#)
RMadis@OscodaTownshipMi.gov
(989) 272-1324



VIII. Housing Support Analysis

A detailed demographic support analysis has been conducted to estimate the number and type of market-rate, multifamily rental housing units that can be supported within the Oscoda Township, Michigan. To establish the demand for new housing, we have estimated the number and type of housing units that can be supported over the next five years to 2025. Demographic and economic characteristics, along with the current supply of various housing types, have been evaluated to determine the types of units by tenure that could be supported. Specifically, calculations are provided for the following housing types:

- Workforce Apartment Units (households with incomes at 60% to 100% AMI)
- Market-Rate Apartment Units (households with incomes at 100% AMI and Higher)

VSI has evaluated the projected number of households at income levels required to afford various potential development opportunities. This provides the basis to estimate the total number of units that can be supported by households targeted for residency with incomes between 60% and 100% of Area Median Income (AMI) and more than 100% of AMI.

At the time when a specific project is proposed, it will be important to reevaluate the projected demographic trends at the anticipated year of opening of that specific project, as the demographic characteristics projected today may be different in five years as additional housing is developed and economic growth occurs. ***The demographic demand projections provide an indication of the likely overall need for conventional multifamily rental housing in the PMA, which could be supported in Oscoda Township.***

These conclusions are the intended to indicate that the number of supportable units over the next five years and not the number that could realistically be absorbed into the market in any one year. Developments need to occur over several years so the market is not saturated at any one time. Introducing an excessive amount of housing in any one year could adversely impact the value and performance of existing housing.

To ensure the continued success of a neighborhood or community, it is beneficial to offer a variety of housing opportunities to ensure a balanced continuum of housing. To that extent, it is important to evaluate the need for senior rental housing alternatives as well as “workforce” rental housing alternatives.

There are a number of sources of support for new housing. The first source is an increase in income-qualified households (based on currently available demographic projections). The second source is replacement of functionally obsolete product, which takes into consideration the already existing pent-up market demand. Functionally- obsolete product can be either occupied or vacant. Another support component involves new economic activity that stimulates additional household growth in the region that will generate additional support for new rental housing. The changing housing preferences of the emerging millennial rental market and the empty-nester baby-boomer market (moving from single-family homes) indicate market potential that current demographic projections have yet to consider.

Another component of household growth that is difficult to quantify are households that are attracted to the area when additional living alternatives are made available to them. This is essentially additional support from outside the Primary Market Area and represents those households who would never have considered a move to a location given the current supply of existing living alternatives. A new development that attracts these households would likely spur demographic growth beyond projections. Given the unknown of future development possibilities within a geographic region, it is not surprising that this growth variable is difficult to anticipate in forecasting demand for additional housing. However, it is important to acknowledge this out-of-market support component.

Rental Demographic Support Analysis

Demand Factors – Rental Housing

For this purpose of this analysis, we have considered the demographic support projected in 2025, which is the latest year for which the most accurate demographic projections are typically provided. Projections beyond this time period are highly speculative. We have considered support from renter households in the market that would income-qualify for new construction and would originate both from within the market and from outside the area based on current demographic projects (which, as previously indicated, do not consider more recently announced economic activity). The following table illustrates the forecasted distribution of renter households in the PMA for 2025 by household size and income.

Renter Household Income Range	Renter Households 2025 (Projected)					
	1-Person	2-Person	3-Person	4-Person	5-Person+	Total
Less Than \$10,000	88	58	31	25	13	213
\$10,000 to \$19,999	196	75	40	32	17	360
\$20,000 to \$29,999	161	73	39	31	16	320
\$30,000 to \$39,999	139	82	44	35	18	318
\$40,000 to \$49,999	166	102	55	44	23	390
\$50,000 to \$59,999	52	37	20	16	8	132
\$60,000 to \$74,999	55	43	23	18	10	149
\$75,000 to \$99,999	60	42	22	18	9	151
\$100,000 to \$124,999	31	22	12	9	5	78
\$125,000 to \$149,999	14	10	5	4	2	36
\$150,000 to \$199,999	12	8	5	4	2	30
\$200,000 & Over	11	8	4	3	2	29
Total	985	560	298	240	124	2,206

Source: 2010 Census; ESRI; Urban Decision Group; VSI

Demographic information from this table is used in the following support calculations. In addition to these demographic statistics, we have applied various “capture rates” to estimate the number of supportable units.

Capture rates are determined in site-specific market evaluations by dividing the number of proposed subject units into the number of income-eligible households. For instance, a 100-unit apartment project would represent a 5% capture rate in an urban rental market with 2,000 income-eligible renter households ($= 100 / 2,000$). Also, a 5% capture rate would not generate such a significant number of units to cause the overall rental market to be out of balance by creating too many vacancies in older, existing product. Naturally, the overall market performance is also considered when applying potential capture rates.

Different types of rental housing concepts can achieve different capture rates. For instance, a new construction, upscale, cottage-style rental project tailored to the needs of seniors could potentially achieve a much higher capture rate in a market without any senior-specific rental competition than a moderate-quality market-rate apartment project could achieve in a market with a significant amount of competition. Therefore, we have applied different capture rates based on typically accepted standards to determine the number of supportable rental housing units.

Since the purpose of this analysis is to quantify the support potential for various types of rental housing, we have segmented the housing demand by income level. This provides an overall estimation of the total number of units that can be supported by households who can qualify for residency with incomes between 60% and 100% of AMI and more than 100% of AMI. These are the income levels most often attracted to conventional rental housing. Lower AMI levels are typically addressed by government programs through the use of rental assistance or Low-Income Housing Tax Credits. Much higher income levels are typically attracted to owner-occupied housing although lifestyle choices also impact this continuum.

Considering this analysis is to identify households with incomes necessary to support various types of conventional rental housing, we have used the 2020 four-person Iosco County income levels. It should be noted that if an affordable rental project was developed in Iosco County, the developer would have the benefit of using national non-metropolitan income limits, which are higher than the Iosco County income limits and would allow an affordable project to serve a somewhat larger base of households. However, for the purpose of this analysis, we have evaluated the Iosco County-specific incomes to more accurately determine support potential for multifamily rental housing in Oscoda Township.

2020 Iosco County (non-HUD-reported) Income Limits		
Household Size	60%	100%
One-Person	\$22,180	\$37,020
Two-Person	\$25,340	\$42,310
Three-Person	\$28,510	\$47,590
Four-Person	\$31,680	\$52,800
Five-Person	\$34,210	\$57,100
2020 Median Four-Person Household Income: \$52,800		

*Income limits are based on Iosco County median incomes, not the national non-metro incomes

“Workforce” Analysis (60% to 100% AMI)

Note the term “workforce” is used as a generic term to describe working individuals with moderate incomes that could potentially qualify for housing with incomes between 60% and 100% of AMI. The availability of “workforce” housing is becoming an important element to attracting and retaining businesses. We have evaluated the demographic support base for “workforce” housing targeting individuals and households with incomes between 60% and 100% of AMI.

For the purpose of this analysis and based on the HUD-provided Iosco County, Michigan income limits, a “workforce” rental project developed in Oscoda Township that would serve households with incomes between 60% and 100% AMI would currently primarily appeal to renter households with incomes between \$22,180 and \$52,800 (depending on household size). This assumes one- through four-person households would be attracted to a conventional rental project.

We anticipate that five-person and larger households will primarily be more attracted to non-conventional rentals, such as single-family homes, duplexes, etc. Considering the demographic support for rental housing over the next five years and the anticipated annual rent and income growth, we have assumed that households would need incomes between approximately \$25,000 and \$60,000 to qualify for this type of conventional, workforce, rental housing by 2025. This is summarized in the following table.

Project Type	“Workforce Housing” Income Range	
	Minimum	Maximum
New Construction Multifamily “Workforce” Rental Housing	\$25,000	\$60,000

A significant portion of employees and local households earn annual incomes within this range. We anticipate that up to 20% of support for a new project developed in Oscoda Township would likely originate from households currently living outside the defined Site PMA, likely from other portion of Iosco and Alcona counties. This would be represented by those households who could not previously find adequate and affordable housing.

In addition, based on the anticipated economic growth planned in the area (primarily at Kalitta Air and Space Port), we anticipate that an additional 20% of support for “workforce” housing would originate from new economic activity currently not reflected in the demographic projections. We have quantified this in the following demographic support analysis considering the size- and income-appropriate renter households projected to exist in the Site PMA in 2025.

It is estimated that 14.3% of renter-occupied housing units were built prior to 1950. An estimated 2.3% of all renter-occupied housing units lack kitchens and/or complete plumbing facilities. Considering that many of the rental units lacking kitchens and/or complete plumbing facilities were also built prior to 1950, we assume that approximately 14.5% of the existing renter-occupied housing units (or 439 of the 3,027 projected rental housing units [occupied and vacant, for-rent only vacancies – this does not consider seasonal/vacation vacancies]) in 2025 will be substandard or functionally obsolete.

The following table summarizes the support calculations for “workforce” rental housing.

“Workforce” Apartment Demographic Support Analysis (2025)			
Income Range	All Renter Households	1-, 2-, 3- & 4-Person Renter Households	Targeted Renters (\$25,000 to \$60,000)
Up to \$10,000	213	201	-
\$10,000 to \$20,000	360	344	-
\$20,000 to \$30,000	320	304	152
\$30,000 to \$40,000	318	300	300
\$40,000 to \$50,000	390	367	367
\$50,000 to \$60,000	132	124	124
\$60,000 to \$75,000	149	139	-
\$75,000 to \$100,000	151	142	-
\$100,000 to \$125,000	78	73	-
\$125,000 to \$150,000	36	33	-
\$150,000 to \$200,000	30	28	-
\$200,000 and Higher	29	27	-
Total	2,206	2,082	943
Income- and Size-Appropriate Renters			943
20% Additional Support Component From Renter Households Currently Outside the PMA			+ 236 (= [943 / 80%] – 943)
20% Additional Support Component From New Economic Activity			+ 236 (= [943 / 80%] – 943)
Projected Demographic Support Base (2025)			= 1,415
Renters Residing in Substandard Housing			+ 439
Existing Comparable Multifamily Development (Class A) Units			– 0
Total Demographic Support (2025)			= 1,854
Potentially Supportable Rental Units Based on ~7.5% to ~10% Capture Rate			= 140 to 185 units

Source: ESRI; Urban Decision Group; VSI

Applying a 7.5% to 10% capture rate to the total demographic support component results in an estimated demand for 140 to 185 additional, new, conventional multifamily “workforce” apartment units that could be supported by 2025 within Oscoda. This support figure assumes new projects offering overall combined mixes of one-, two- and potentially some three-bedroom units. Furthermore, this assumes a variety of unit designs, layouts and concepts, including at least a small share of townhouse-style units. In addition, this is for “workforce” rental units generally serving individuals and households (typically up to four persons) with incomes between approximately \$25,000 and \$60,000.

As discussed earlier, not all 185 “workforce” apartments units can be absorbed into the Oscoda market in a given year. This is the maximum number of market-rate apartments that could potentially be supported over the next five years (which equates to up to an estimated ~40 new “workforce” rental units per year, on average). These multifamily apartment units do not need to be and should not be developed at one location. Rather, a number of smaller apartment projects could be supported at different locations throughout the city, including some in the central portion of Oscoda Township. This strategy maximizes the development potential.

Market-Rate Apartments Analysis (100% AMI and Higher)

In addition to the “workforce” support analysis, we have also conducted an analysis of the demographic support base for more upscale market-rate, conventional apartments in the area. The following table summarizes the target income range.

Project Type	Market-Rate Apartment Income Range	
	Minimum	Maximum
New Construction Multifamily Rental Project	\$60,000	No Limit

It is important to note that we did not identify any new, modern, high-quality conventional market-rate apartment projects in the Site PMA. It is likely that many of the higher-income renter households in the region either chose to live in non-conventional rentals (single-family homes, duplexes, etc.) or live outside the PMA. Note that we have excluded the support component from renters currently residing in substandard housing, as it is most likely that renters in the higher income ranges. Considering the anticipated higher incomes that will likely be paid to the Space Port employees, and the fact that these employees will be more likely to relocate from other portions of the country, we have increased the share of support from economic growth for market-rate housing to 30%.

The following table summarizes the support calculations for more upscale market-rate rental housing.

Market-Rate Apartment Demographic Support Analysis (2025)			
Income Range	All Renter Households	1-, 2-, 3- & 4-Person Renter Households	Targeted Renters (\$60,000 and Higher)
Up to \$10,000	213	201	-
\$10,000 to \$20,000	360	344	-
\$20,000 to \$30,000	320	304	-
\$30,000 to \$40,000	318	300	-
\$40,000 to \$50,000	390	367	-
\$50,000 to \$60,000	132	124	-
\$60,000 to \$75,000	149	139	139
\$75,000 to \$100,000	151	142	142
\$100,000 to \$125,000	78	73	73
\$125,000 to \$150,000	36	33	33
\$150,000 to \$200,000	30	28	28
\$200,000 and Higher	29	27	27
Total	2,206	2,082	442
Income- and Size-Appropriate Renters			442
20% Additional Support Component From Renter Households Currently Outside the PMA			+ 111 (= [442 / 80%] – 442)
30% Additional Support Component From New Economic Activity			+ 189 (= [442 / 70%] – 442)
Projected Demographic Support Base (2025)			= 742
Existing Comparable Multifamily Development (Class A) Units			- 0
Total Demographic Support (2025)			= 742
Potentially Supportable Rental Units Based on ~7.5% to ~10% Capture Rate			= 60 to 75 units

Source: ESRI; Urban Decision Group; VSI

Based on this evaluation, there is potential support for up to 75 upscale market-rate units in Oscoda Township. Similar to “workforce” housing, the area would benefit from more than one location with market-rate housing. However, given the costs of new construction as well as the importance of including project amenities that are expected in new market-rate housing, the reality is that a single site should likely be considered to maximize potential.

Overall Demographic Support Conclusions

Based on our evaluation of the rental housing market, demographic trends and economic conditions in Oscoda Township, the Site PMA and the surrounding region, we have used the following assumptions to project the demographic segments of the market that will be targeted by various housing options. The following table summarizes the estimated income ranges, target household sizes and supportable unit conclusions for “workforce” conventional apartment development and for upscale market-rate apartment development in Oscoda Township. Note that this is the gross support potential, rather than specific development recommendations.

Potentially Supportable New Housing Units – 2025 Conclusions				
Housing Type and Targeted Age	Targeted Household Size	Minimum Income	Maximum Income	Supportable Units
“Workforce” Apartments (60% to 100% AMI)	1-through 4-Person Renter Households	\$25,000	\$60,000	~ 140 – 185 Units
Market-Rate Apartments (100% AMI and Higher)	1-through 4-Person Renter Households	\$60,000	No Limit	~ 60 – 75 Units

Demographic support and market demand exists for between 190 and 255 units of new construction, conventional, multifamily apartment housing. These overall conclusions assume that appealing and marketable site locations can be identified and developed to accommodate the different types of new multifamily rental housing units that can be supported. The development of new housing may result in some tenant displacement of a portion of the older, functionally obsolete housing alternatives in the overall market generating vacancies.

Although the pent-up market demand and potential demographic support is notable, it is unlikely that the maximum number of supportable units could be developed simultaneously, as there could be some competitive overlap between the “workforce” and the more upscale market-rate segments.

Applying the suggested potentially supportable share of units by bedroom type to the total number of supportable units, results in the following distribution of rental units within the PMA by 2025.

Potentially Supportable Apartment Units by Bedroom Type				
Bedrooms	Suggested Share of Units	Supportable “Workforce” Units	Supportable Market-Rate Units	Total Supportable Apartments Units
One-Bedroom	50% - 60%	70 to 110	30 to 45	~ 100 to 150
Two-Bedroom	40% - 50%	55 to 90	25 to 40	~ 80 to 130
Three-Bedroom	5% - 10%	10 to 20	5 to 10	~ 15 to 30
Total		~ 140 to 185	~ 60 to 75	~ 200 to 260

Note that we anticipate a smaller share of three-bedroom units in part because of the abundance of non-conventional three- and four-bedroom rentals in the area (single-family homes and duplexes). These 200 to 260 multifamily apartment units do not need to be and should not be developed at one location. Rather, a number of smaller apartment projects could be supported at different locations throughout the city, including some in the central portion of Oscoda Township. This strategy maximizes the development potential.

Obviously, the achievability of a specific development to successfully develop and absorb new rental units into the market would be dependent upon numerous factors, including an appealing building and unit designs, sufficient unit sizes and bathrooms, as well as an appealing neighborhood (site) in which the development was built. However, demographic support exists for notable additional multifamily housing development in the Oscoda Township.

Overall, the PMA has market demand and demographic support for additional new multifamily rental housing development over the next five years, especially considering the historical and projected new economic activity in Oscoda Township. New rental housing development in the township provides an opportunity for development that could provide an opportunity for development that helps to meet a portion of the demand for rental housing in the PMA. Note that if the planned economic growth does not occur to the extent anticipated, it is possible to fewer units could be supported.

Although not specifically quantified in this analysis, additional market demand and demographic support exists for the new development of lower-income affordable government-subsidized and/or Low-Income Housing Tax Credit rental housing. Often, when economic and demographic development and growth occurs, lower-paid and part-time jobs also are created in the service industry, thus increasing the need for affordable housing. In order to ensure the continued success of a community, it is beneficial to offer a variety of housing opportunities to ensure a balanced continuum of housing.

CHARTER TOWNSHIP OF OSCODA
Superintendent's Report
September 28th 2020

ACTION ITEMS

2020 Appropriations Changes for Police and Fire for the FRHPPP Funding

Your packet contains an email dated 18 September from the Executive Secretary regarding the First Responder Hazard Pay Premiums Program (FRHPPP); the FRHPPP award announcements for applications received as of 9 September 2020, and a FRHPPP program overview from the department of Treasury. The Township's Police Officers and Firefighters continued to provide the critical services associated with being our community's first responders all throughout the COVID-19 Pandemic. The Department of Treasury made this program available through the CARES Act (Public Law 116-136). Board Members will note that this funding for our first responders was offered on a first-come, first-served basis. Both the Police Chief and Fire Chief worked diligently to gather the required information to submit the Township's funding request to the State. I am very happy to report that the Township will be receiving \$39,000 in funding from the FRHPPP to distribute to the Township's 12 Police Officers and 27 Firefighters. Board Members especially recognize the critical role our first responders serve in our community; this funding will benefit a very deserving group of public servants. No expenses associated with the COVID-19 pandemic were built into the Township's 2020 Appropriation, and the deadline to distribute the FRHPPP to our first responders is Wednesday 30 of September. Therefore, the \$39,000 (\$10,000 for Police Fund 207; \$2,000 for Police Staffing Fund 211; and \$27,000 for General Fund 101-336 Fire Department Cost Center) to pay each first responder \$1,000 was not a planned expenditure. I am requesting the Township Board to increase the 2020 Appropriations by \$39,000 in the each of the three funds as detailed above. The Clerk and the Deputy Clerk have been working to ensure a special payroll run is possible for the morning of Tuesday 29 September to distribute this FRHPPP. This requires Township Board approval.

Motion: Consider approving the \$39,000 in 2020 Annual Appropriations increases associated with the FRHPPP (\$10,000 to Police Fund 207; \$2,000 Police Staffing Fund 211; and \$27,000 to General Fund 101-336 Fire Department).

Phase 2 Water Main Extension Final Pay Order #4

Board Members will remember pay order #3 being approved at the Township Board Meeting 10 August 2020. Your packet contains the final pay order #4 for Phase 2 of the Water Main Extension in the amount of \$13,222.98 (to be paid out of the Water Fund 591-000-974.000). ROWE has verified that all of the Phase 2 Punchlist Items have been completed, recommends proceeding with pay order #4, and moving forward with project close-out with the USDA. This requires Township Board approval.

Motion: Consider approving the Final Pay Order for Phase 2 of the Water Main Extension to Team Elmer's for \$13,222.98.

Payment of ROWE Invoices for Phase 2 Water Main Extension

Your packet contains an email dated 24 September 2020 from ROWE as well as the two invoices for construction engineering in July and August associated with Phase 2 of the Water Main Extension. These two invoices total \$28,824.50 (\$25,032.50 + \$3,792 to be paid out of Water Fund 591-000-821.100). This requires Township Board approval.

Motion: Consider approving the ROWE Invoices for a total of \$28,824.50.

Request to Purchase DPW Truck

Your packet contains a Memo dated 22 September 2020 from the DPW Supervisor as well as the results from the trucks bids. Three quotes were obtained for the new ½ ton, 2wd parks truck. The DPW Supervisor is recommending the Township Board approve the \$25,175 bid from Zubek Ford (to be paid out of Public Improvement Fund 245-980-980.000). As explained in the Memo from the DPW Supervisor, Zubek Ford's eight weeks delivery schedule is much more favorable than other dealerships. The COVID-19 pandemic has pushed back many orders of vehicles from dealerships and Ford is not an exception to this issue. Board members will note this truck purchase is part of the 2020 Capital Improvement Plan. This purchase requires Township Board approval.

Motion: Consider approving the \$25,175 request to purchase the DPW Truck.

Proposal for Tax Abatement Policy Consulting

Your packet contains a \$6,820.00 proposal (to be paid out of Property O&M Fund 236-266-801.000) for professional services from Mission North associated with delivering an Amended Industrial Tax Abatement Policy and the creation of a new Commercial Tax Abatement Policy. Board Members will remember approving the advertisement of the RFP for Tax Abatement Policy Consulting Services at the regularly scheduled Township Board Meeting Monday 24 August 2020. The EIC has reviewed the proposal and recommends the Township move forward with completing this work with Mission North. Township Board Members will note that this work is a component to achieving RRC Certification and will also greatly impact the efforts of the EIC in the redevelopment or reuse of vacant buildings or aging buildings in the SSBN District. Furthermore, policies such as these are commonplace in communities Oscoda competes with for investment projects. Your packet also contains the template professional services contract agreement that will serve as the basis for the contractual relationship with the Township and Mission North. This amount is within the Township Superintendent's purchasing limits but is still being presented to the Township Board for approval. If approved by the Township Board, Mission North is prepared to execute the professional services agreement and begin the work immediately.

Motion: Consider approving \$6,820 Proposal for the Tax Abatement Policy Consulting.

Proposal for Website Redesign Services

Your packet contains the proposed RFP for website design and content development services, approved by the board at the 27 July 2020 meeting, and the bid tabulation worksheet of responses. A working group of Supervisor Weed, Trustee Cummings, Superintendent Schaeffer, Economic Improvement Director Dickerson, Executive Secretary/Webmaster Kline, and CEDAM Fellow Madis, convened to consider responses, with discussion of costs as well as necessary services and additional optional services presented by each

response. After thoughtful consideration and discussion of the submitted bids, Revize Government Websites was selected as the preferred vendor for website design and content development services. The Revize response the RFP is also included in your packet. Board Members will note that the website design and content development services costs are \$8,215 (go-live average of 17 – 23 weeks); the annual fee is \$1,800 for technical support, security updates, and website hosting fees (all to be paid out of GF 101-299-801.000). Board Members will also note that Revize provides a free website design refresh after year four of website annual services, if the Township signs a five year agreement.

Motion: Consider approving the REVISE Proposal for Website Redesign Services and authorize the Supervisor and Clerk to execute all documents related to a five-year agreement.

Respectfully Submitted,

A handwritten signature in blue ink, appearing to read "Dave Schaeffer", with a long horizontal flourish extending to the right.

Dave Schaeffer

Tammy Kline

From: Tammy Kline
Sent: Friday, September 18, 2020 4:24 PM
To: 'Aaron Weed (oscoda@1weed.com)'; John Nordeen; Jaimie McGuire; tcummings; Bill Palmer; 'Martin Gayeski'; Mark David; 'Allan MacGregor (amacgregor@ioscocoounty.org)'
Cc: Dave Schaeffer
Subject: First Responder hazard Pay Premiums Program
Attachments: FRHPPP_Award_Announcements_9-18-20_702749_7.pdf

Good Friday to all of you!

I am happy to announce that the Township has been approved for \$39,000.00 in funds as originally requested! Please see the attached file.

This is great news for our ladies and gentlemen that have worked so hard for our community throughout this virus.

Congratulations to you and your Departments, Police and Fire 😊

Thank you,

Tammy Kline

Executive Secretary
Charter Township of Oscoda
www.oscodatownshipmi.gov
(989)739-3211 Ext. 201



First Responder Hazard Pay Premiums Program (FRHPPP)

Award Status for Applications Received as of 9/9/2020

<u>Local Unit Code</u>	<u>Applicant Name</u>	<u>Applicant County</u>	<u>Amount Approved</u>	<u>Application Status¹</u>
N/A	ACW Ambulance Service	Tuscola	TBD	Pending
79-7-513	ACW Unionville Fire Department	Tuscola	TBD	Pending
41-1010	Ada Township	Kent	12,360.00	Approved
63-1010	Addison Township	Oakland	14,250.00	Approved
46-2010	Adrian City	Lenawee	50,000.00	Approved
79-3010	Akron Village	Tuscola	18,000.00	Approved
60-1010	Albert Township	Montmorency	TBD	Pending
13-1010	Albion Township	Calhoun	16,000.00	Approved
01-0000	Alcona County	Alcona	46,000.00	Approved
N/A	Alejandrina Guzman	Wayne	-	Denied
02-0000	Alger County	Alger	42,000.00	Approved
74-2010	Algonac City	St Clair	-	Denied
82-2010	Allen Park City	Wayne	67,000.00	Approved
70-1010	Allendale Township	Ottawa	33,000.00	Approved
N/A	Alliance Mobile Health	Oakland	100,000.00	Approved
29-2010	Alma City	Gratiot	34,000.00	Approved
44-3010	Almont Village	Lapeer	14,000.00	Approved
04-2010	Alpena City	Alpena	45,000.00	Approved
04-0000	Alpena County	Alpena	37,000.00	Approved
41-1030	Alpine Township	Kent	13,800.00	Approved
411053	American Medical Response DBA Paramed	Kent	159,000.00	Approved
81-2010	Ann Arbor City	Washtenaw	205,000.00	Approved
81-1010	Ann Arbor Township	Washtenaw	32,000.00	Approved
05-0000	Antrim County	Antrim	57,000.00	Approved
06-0000	Arenac County	Arenac	33,500.00	Approved
25-1010	Argentine Township	Genesee	9,000.00	Approved
50-1010	Armada Township	Macomb	17,000.00	Approved
50-3010	Armada Village	Macomb	5,721.00	Approved
N/A	Asa Sayles	Wayne	-	Denied
63-2005	Auburn Hills City	Oakland	71,000.00	Approved
81-1020	Augusta Township	Washtenaw	2,775.00	Approved
80-2010	Bangor City	Van Buren	7,000.00	Approved
07-0000	Baraga County	Baraga	18,000.00	Approved
07-3010	Baraga Village	Baraga	2,000.00	Approved
11-1110	Baroda-Lake Township	Berrien	TBD	Pending
08-0000	Barry County	Barry	55,000.00	Approved
13-2020	Battle Creek City	Calhoun	180,000.00	Approved
N/A	Bay Ambulance Inc	Baraga	24,500.00	Approved
09-2020	Bay City City	Bay	70,000.00	Approved
09-0000	Bay County	Bay	102,000.00	Approved
991001	Beacon Ambulance Service Inc	Gogebic	14,500.00	Approved
26-2010	Beaverton City	Gladwin	5,000.00	Approved
58-1020	Bedford Township	Monroe	17,499.00	Approved
34-2010	Belding City	Ionia	29,000.00	Approved
82-2020	Belleville City	Wayne	22,000.00	Approved
23-3010	Bellevue Village	Eaton	7,000.00	Approved
11-1030	Benton Charter Township	Berrien	41,000.00	Approved

¹ Application Status Explanations:

Pending = Award pending additional information from applicant; Treasury to contact applicant by email.

Denied = Ineligible applicant and/or ineligible employee expenditures.

First Responder Hazard Pay Premiums Program (FRHPPP)

Award Status for Applications Received as of 9/9/2020

<u>Local Unit Code</u>	<u>Applicant Name</u>	<u>Applicant County</u>	<u>Amount Approved</u>	<u>Application Status¹</u>
11-2010	Benton Harbor City	Berrien	22,500.00	Approved
23-1020	Benton Township	Eaton	23,000.00	Approved
10-0000	Benzie County	Benzie	57,634.00	Approved
63-2010	Berkley City	Oakland	38,000.00	Approved
58-1030	Berlin Township	Monroe	19,402.50	Approved
11-0000	Berrien County	Berrien	156,000.00	Approved
63-3010	Beverly Hills Village	Oakland	23,000.00	Approved
68-1010	Big Creek Township	Oscoda	13,000.00	Approved
54-2010	Big Rapids City	Mecosta	34,000.00	Approved
73-1020	Birch Run Township	Saginaw	18,000.00	Approved
73-3010	Birch Run Village	Saginaw	7,000.00	Approved
63-2020	Birmingham City	Oakland	82,000.00	Approved
38-1010	Blackman Township	Jackson	39,000.00	Approved
28-1020	Blair Township	Grand Traverse	13,000.00	Approved
70-1020	Blendon Township	Ottawa	29,000.00	Approved
46-1020	Blissfield Township	Lenawee	16,000.00	Approved
63-2030	Bloomfield Hills City	Oakland	31,000.00	Approved
63-1030	Bloomfield Township	Oakland	135,000.00	Approved
40-1020	Blue Lake Township	Kalkaska	4,500.00	Approved
61-1010	Blue Lake Township	Muskegon	13,000.00	Approved
73-1030	Blumfield Township	Saginaw	5,976.00	Approved
15-2010	Boyne City	Charlevoix	21,153.00	Approved
12-0000	Branch County	Branch	42,000.00	Approved
63-1040	Brandon Fire Department	Oakland	32,000.00	Approved
73-1060	Bridgeport Township	Saginaw	28,000.00	Approved
11-2020	Bridgman City	Berrien	23,000.00	Approved
47-2010	Brighton City	Livingston	15,000.00	Approved
12-7-513	Bronson Area Fire Association	Branch	24,000.00	Approved
12-2010	Bronson City	Branch	6,000.00	Approved
76-2010	Brown City Area Fire Authority	Sanilac	17,000.00	Approved
82-1010	Brownstown Township	Wayne	69,000.00	Approved
50-1020	Bruce Township	Macomb	29,000.00	Approved
73-1070	Buena Vista Township	Saginaw	32,000.00	Approved
74-1030	Burtchville Township	St Clair	17,000.00	Approved
25-2005	Burton City	Genesee	43,750.00	Approved
41-1050	Byron Township	Kent	12,649.65	Approved
83-2010	Cadillac City	Wexford	34,000.00	Approved
41-1060	Caledonia Township	Kent	13,750.00	Approved
13-0000	Calhoun County	Calhoun	167,000.00	Approved
30-3020	Camden Village	Hillsdale	TBD	Pending
82-1020	Canton Township	Wayne	177,000.00	Approved
74-3010	Capac Village	St Clair	5,000.00	Approved
79-2005	Caro City	Tuscola	33,000.00	Approved
59-2010	Carson City City	Montcalm	3,000.00	Approved
41-1080	Cascade Township	Kent	30,000.00	Approved
32-2015	Caseville City	Huron	11,000.00	Approved
36-2010	Caspian City	Iron	1,000.00	Approved

¹ Application Status Explanations:

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First Responder Hazard Pay Premiums Program (FRHPPP)

Award Status for Applications Received as of 9/9/2020

<u>Local Unit Code</u>	<u>Applicant Name</u>	<u>Applicant County</u>	<u>Amount Approved</u>	<u>Application Status¹</u>
36-7506	Caspian Gaastra Fire Authority	Iron	1,102.50	Approved
14-0000	Cass County	Cass	61,000.00	Approved
14-3010	Cassopolis Village	Cass	5,000.00	Approved
08-7-512	Castleton Maple Grove Nashville Ambulance	Barry	14,500.00	Approved
24-7-514	CCE Central Dispatch Authority	Charlevoix	16,000.00	Approved
45-7013	Cedar Area Fire & Rescue	Leelanau	TBD	Pending
32-7514	Central Huron Ambulance Service	Huron	37,750.00	Approved
05-1020	Central Lake Township	Antrim	16,700.00	Approved
37-7-520	Central MI District Health Department	Isabella	-	Denied
15-2020	Charlevoix City	Charlevoix	33,000.00	Approved
16-2010	Cheboygan City	Cheboygan	8,000.00	Approved
16-0000	Cheboygan County	Cheboygan	39,000.00	Approved
N/A	Cheboygan Life Support Systems Inc	Cheboygan	71,000.00	Approved
81-7-540	Chelsea Area Fire Authority	Washtenaw	16,000.00	Approved
81-2015	Chelsea City	Washtenaw	22,000.00	Approved
50-1030	Chesterfield Township	Macomb	79,800.00	Approved
11-1070	Chikaming Township	Berrien	26,000.00	Approved
17-0000	Chippewa County	Chippewa	47,000.00	Approved
36-2020	City of Crystal Falls	Iron	-	Denied
36-2040	City of Iron River	Iron	5,000.00	Approved
18-2010	Clare City	Clare	51,000.00	Approved
63-2040	Clawson City	Oakland	16,000.00	Approved
74-1060	Clay Township	St Clair	16,616.69	Approved
25-1040	Clayton Township	Genesee	8,000.00	Approved
19-7-520	Clinton Area Ambulance Service Authority	Clinton	24,000.00	Approved
19-0000	Clinton County	Clinton	75,000.00	Approved
50-1040	Clinton Township	Macomb	170,000.00	Approved
46-3060	Clinton Village	Lenawee	29,000.00	Approved
25-2010	Clio City	Genesee	7,000.00	Approved
74-1070	Clyde Township	St Clair	17,000.00	Approved
12-2020	Coldwater City	Branch	30,000.00	Approved
56-2010	Coleman City	Midland	3,000.00	Approved
111002	Coloma Emergency Ambulance	Kalamazoo	94,000.00	Approved
11-1080	Coloma Township	Berrien	7,000.00	Approved
75-3030	Colon Village	St Joseph	4,000.00	Approved
N/A	Comfort Owusu	Wayne	-	Denied
63-1050	Commerce Township	Oakland	45,000.00	Approved
N/A	Community Emergency Medical Service	Oakland	352,000.00	Approved
39-1050	Comstock Township	Kalamazoo	32,000.00	Approved
39-1060	Cooper Township	Kalamazoo	28,000.00	Approved
78-2010	Corunna City	Shiawassee	40,000.00	Approved
80-1070	Covert Township	Van Buren	21,000.00	Approved
20-0000	Crawford County	Crawford	35,000.00	Approved
76-2020	Croswell City	Sanilac	36,000.00	Approved
36-1020	Crystal Falls Township	Iron	21,000.00	Approved
61-1040	Dalton Township	Muskegon	16,000.00	Approved
25-2020	Davison City	Genesee	7,000.00	Approved

¹ Application Status Explanations:

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First Responder Hazard Pay Premiums Program (FRHPPP)

Award Status for Applications Received as of 9/9/2020

<u>Local Unit Code</u>	<u>Applicant Name</u>	<u>Applicant County</u>	<u>Amount Approved</u>	<u>Application Status¹</u>
25-1050	Davison Township	Genesee	22,000.00	Approved
25-7-526	Davison-Richfield Fire Department	Genesee	32,000.00	Approved
82-2030	Dearborn City	Wayne	TBD	Pending
82-2040	Dearborn Heights City	Wayne	152,000.00	Approved
33-1040	Delhi Township	Ingham	18,000.00	Approved
21-0000	Delta County	Delta	46,000.00	Approved
23-1060	Delta Township	Eaton	37,000.00	Approved
72-1030	Denton Township	Roscommon	53,000.00	Approved
82-2050	Detroit City	Wayne	TBD	Pending
19-2010	DeWitt City	Clinton	12,000.00	Approved
19-1050	Dewitt Township	Clinton	26,700.00	Approved
81-7550	Dexter Area Fire Department	Washtenaw	26,000.00	Approved
N/A	District Health Dept NO 2	Alcona	-	Denied
N/A	District Health Dept NO 4	Alpena	-	Denied
N/A	DLP Marquette General Hospital LLC	Marquette	TBD	Pending
03-2015	Douglas Village City	Allegan	4,600.00	Approved
14-2010	Dowagiac City	Cass	33,000.00	Approved
44-1070	Dryden Township	Lapeer	40,000.00	Approved
58-3020	Dundee Village	Monroe	11,000.00	Approved
78-2020	Durand City	Shiawassee	26,000.00	Approved
28-1030	East Bay Township	Grand Traverse	4,378.17	Approved
N/A	East Grand Lake Volunteer Fire Department	Presque Isle	11,000.00	Approved
41-2020	East Grand Rapids City	Kent	26,000.00	Approved
15-2030	East Jordan City	Charlevoix	23,000.00	Approved
19-2020	East Lansing City	Ingham	101,000.00	Approved
35-2010	East Tawas City	Iosco	23,000.00	Approved
50-2020	Eastpointe City	Macomb	63,259.00	Approved
23-0000	Eaton County	Eaton	114,000.00	Approved
82-2060	Ecorse City	Wayne	41,000.00	Approved
56-1010	Edenville Township	Midland	18,000.00	Approved
14-7-505	Edwardsburg Ambulance Service	Cass	21,000.00	Approved
61-1050	Egelston Township	Muskegon	19,000.00	Approved
05-1060	Elk Rapids Township	Antrim	17,000.00	Approved
76-1070	Elk Township	Sanilac	13,000.00	Approved
79-1070	Elkland Township	Tuscola	17,000.00	Approved
32-3020	Elkton Village	Huron	13,000.00	Approved
05-3040	Ellsworth Village	Antrim	1,000.00	Approved
811114	Emergent Health Partners	Washtenaw	526,589.00	Approved
13-1100	Emmett Township	Calhoun	32,000.00	Approved
74-3020	Emmett Village	St Clair	TBD	Pending
58-1050	Erie Township	Monroe	37,000.00	Approved
21-2010	Escanaba City	Delta	10,716.25	Approved
09-2030	Essexville City	Bay	8,000.00	Approved
67-2010	Ewart City	Osceola	2,000.00	Approved
67-7-512	Ewart Fire Department	Osceola	25,000.00	Approved
75-7-512	Fabius Park Fire Department	St Joseph	22,000.00	Approved
63-2050	Farmington City	Oakland	21,000.00	Approved

¹ Application Status Explanations:

Pending = Award pending additional information from applicant; Treasury to contact applicant by email.

Denied = Ineligible applicant and/or ineligible employee expenditures.

First Responder Hazard Pay Premiums Program (FRHPPP)

Award Status for Applications Received as of 9/9/2020

<u>Local Unit Code</u>	<u>Applicant Name</u>	<u>Applicant County</u>	<u>Amount Approved</u>	<u>Application Status¹</u>
63-2055	Farmington Hills City	Oakland	175,000.00	Approved
25-2030	Fenton City	Genesee	52,000.00	Approved
25-1060	Fenton Township	Genesee	10,620.00	Approved
63-2060	Ferndale City	Oakland	62,830.00	Approved
28-1040	Fife Lake Area Emerg Rescue Auth	Grand Traverse	9,000.00	Approved
40-1120	Fife Lake Area Emerg Services Auth	Kalkaska	26,000.00	Approved
82-2070	Flat Rock City	Wayne	36,000.00	Approved
25-1070	Flint Township	Genesee	51,982.14	Approved
25-2050	Flushing City	Genesee	TBD	Pending
25-1080	Flushing Township	Genesee	9,500.00	Approved
25-1090	Forest Township	Genesee	21,000.00	Approved
54-1070	Fork Township	Mecosta	TBD	Pending
52-1050	Forsyth Township	Marquette	51,000.00	Approved
74-1120	Fort Gratiot Township	St Clair	24,000.00	Approved
09-1030	Frankenlust Township	Bay	18,000.00	Approved
73-2010	Frankenmuth City	Saginaw	9,000.00	Approved
63-3040	Franklin Village	Oakland	13,000.00	Approved
50-2030	Fraser City	Macomb	43,000.00	Approved
20-1020	Frederic Township	Crawford	46,000.00	Approved
13-1110	Fredonia Township	Calhoun	TBD	Pending
58-1070	Frenchtown Township	Monroe	18,000.00	Approved
25-1100	Gaines Township	Genesee	25,000.00	Approved
41-1100	Gaines Township	Kent	34,000.00	Approved
11-1090	Galien Township	Berrien	11,000.00	Approved
82-2080	Garden City City	Wayne	55,000.00	Approved
25-0000	Genesee County	Genesee	251,000.00	Approved
25-7-531	Genesee County 911 Consortium	Genesee	46,000.00	Approved
25-7558	Genesee County Metro Police Authority	Genesee	24,596.25	Approved
25-1110	Genesee Township	Genesee	50,000.00	Approved
41-7-569	Gerald R Ford International Airport Authority	Kent	28,000.00	Approved
72-1110	Gerrish Township	Roscommon	37,000.00	Approved
82-2090	Gibraltar City	Wayne	35,000.00	Approved
21-2020	Gladstone City	Delta	9,000.00	Approved
26-0000	Gladwin County	Gladwin	15,433.00	Approved
45-1060	Glen Arbor Township	Leelanau	19,000.00	Approved
80-7-519	Gobles Pine Grove Fire Administrative Board	Van Buren	27,000.00	Approved
27-0000	Gogebic County	Gogebic	24,000.00	Approved
11-3050	Grand Beach Village	Berrien	1,000.00	Approved
25-2060	Grand Blanc City	Genesee	37,000.00	Approved
25-1120	Grand Blanc Township	Genesee	75,000.00	Approved
70-2030	Grand Haven City	Ottawa	38,000.00	Approved
70-1060	Grand Haven Township	Ottawa	30,000.00	Approved
23-7-514	Grand Ledge Area ESA	Eaton	23,000.00	Approved
23-2030	Grand Ledge City	Eaton	17,000.00	Approved
41-1110	Grand Rapids Township	Kent	17,000.00	Approved
28-7-510	Grand Traverse Metro Emergency Services	Grand Traverse	33,257.00	Approved
41-2040	Grandville City	Kent	37,375.00	Approved

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First Responder Hazard Pay Premiums Program (FRHPPP)

Award Status for Applications Received as of 9/9/2020

<u>Local Unit Code</u>	<u>Applicant Name</u>	<u>Applicant County</u>	<u>Amount Approved</u>	<u>Application Status¹</u>
62-2015	Grant City	Newaygo	2,000.00	Approved
35-1050	Grant Township	Iosco	20,000.00	Approved
64-1080	Grant Township	Oceana	14,000.00	Approved
74-1130	Grant Township	St Clair	20,000.00	Approved
29-0000	Gratiot County	Gratiot	55,830.00	Approved
20-2010	Grayling City	Crawford	32,000.00	Approved
28-1070	Green Lake Township	Grand Traverse	21,000.00	Approved
47-1060	Green Oak Township	Livingston	60,000.00	Approved
04-1020	Green Township	Alpena	9,200.00	Approved
59-2020	Greenville City	Montcalm	30,000.00	Approved
82-1030	Grosse Ile Township	Wayne	24,000.00	Approved
82-2100	Grosse Pointe City	Wayne	21,000.00	Approved
82-2110	Grosse Pointe Farms City	Wayne	42,500.00	Approved
82-2120	Grosse Pointe Park City	Wayne	36,000.00	Approved
82-2125	Grosse Pointe Shores City	Wayne	16,000.00	Approved
82-2130	Grosse Pointe Woods City	Wayne	TBD	Pending
63-1070	Groveland Township	Oakland	30,000.00	Approved
N/A	Gwendolyn Thomas	Wayne	-	Denied
47-1070	Hamburg Township	Livingston	61,000.00	Approved
03-7-519	Hamilton Interlocal Fire Department	Allegan	22,000.00	Approved
09-1070	Hampton Township	Bay	12,000.00	Approved
82-2140	Hamtramck City	Wayne	66,000.00	Approved
32-2020	Harbor Beach City	Huron	5,000.00	Approved
82-2150	Harper Woods City	Wayne	51,000.00	Approved
50-1050	Harrison Township	Macomb	27,000.00	Approved
821077	Hart EMS Medical Services PLLC	Wayne	10,250.00	Approved
80-7-517	Hartford Fire Department	Van Buren	19,000.00	Approved
08-2010	Hastings City	Barry	12,000.00	Approved
63-2070	Hazel Park City	Oakland	58,000.00	Approved
38-1060	Henrietta Township	Jackson	21,000.00	Approved
62-3020	Hesperia Village	Newaygo	2,344.00	Approved
82-2160	Highland Park City	Wayne	55,000.00	Approved
63-1080	Highland Township	Oakland	20,554.93	Approved
30-2010	Hillsdale City	Hillsdale	35,000.00	Approved
70-2040	Holland City	Ottawa	105,500.00	Approved
63-3050	Holly Village	Oakland	38,000.00	Approved
61-1080	Holton Township	Muskegon	11,000.00	Approved
13-3030	Homer Area Fire Authority	Calhoun	28,000.00	Approved
03-7511	Hopkins Area Fire Department	Allegan	10,600.00	Approved
31-2020	Houghton City	Houghton	10,000.00	Approved
31-0000	Houghton County	Houghton	28,000.00	Approved
72-7-503	Houghton Lake Ambulance	Roscommon	23,470.00	Approved
14-1020	Howard Township	Cass	17,000.00	Approved
46-2020	Hudson City	Lenawee	25,000.00	Approved
70-2050	Hudsonville City	Ottawa	15,000.00	Approved
63-2080	Huntington Woods City	Oakland	17,000.00	Approved
82-1050	Huron Charter Township	Wayne	58,000.00	Approved

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First Responder Hazard Pay Premiums Program (FRHPPP)

Award Status for Applications Received as of 9/9/2020

<u>Local Unit Code</u>	<u>Applicant Name</u>	<u>Applicant County</u>	<u>Amount Approved</u>	<u>Application Status¹</u>
32-0000	Huron County	Huron	44,725.00	Approved
44-2010	Imlay City	Lapeer	26,000.00	Approved
63-1100	Independence Township	Oakland	36,000.00	Approved
33-0000	Ingham County	Ingham	TBD	Pending
82-2170	Inkster City	Wayne	64,000.00	Approved
16-1090	Inverness Township	Cheboygan	28,000.00	Approved
34-2020	Ionia City	Ionia	14,500.00	Approved
34-0000	Ionia County	Ionia	67,300.00	Approved
35-0000	Iosco County	Iosco	69,000.00	Approved
22-2010	Iron Mountain City	Dickinson	27,000.00	Approved
27-2020	Ironwood City	Gogebic	20,000.00	Approved
37-0000	Isabella County	Isabella	64,500.00	Approved
52-2010	Ishpeming City	Marquette	12,000.00	Approved
29-2020	Ithaca City	Gratiot	18,000.00	Approved
38-2010	Jackson City	Jackson	63,000.00	Approved
38-0000	Jackson County	Jackson	130,000.00	Approved
56-1080	Jerome Township	Midland	13,166.00	Approved
15-7514	Jordan Valley EMS Authority	Charlevoix	19,000.00	Approved
39-2020	Kalamazoo City	Kalamazoo	237,000.00	Approved
39-0000	Kalamazoo County	Kalamazoo	165,000.00	Approved
39-7-530	Kalamazoo County Consolidated Dispatch Authority	Kalamazoo	44,200.00	Approved
39-1070	Kalamazoo Township	Kalamazoo	43,994.14	Approved
40-0000	Kalkaska County	Kalkaska	39,000.00	Approved
401001	Kalkaska Memorial Health Center	Kalkaska	24,000.00	Approved
40-3010	Kalkaska Village	Kalkaska	4,000.00	Approved
09-1080	Kawkawlin Township	Bay	3,412.15	Approved
63-2090	Keego Harbor City	Oakland	11,250.00	Approved
09-1100	Ken Malkin	Bay	-	Denied
41-2050	Kentwood City	Kent	108,000.00	Approved
42-0000	Keweenaw County	Keweenaw	6,000.00	Approved
74-1170	Kimball Township	St Clair	32,000.00	Approved
32-7-507	Kinde Area Fire Board	Huron	TBD	Pending
22-2020	Kingsford City	Dickinson	TBD	Pending
17-1080	Kinross Township	Chippewa	58,000.00	Approved
73-1150	Kochville Township	Saginaw	9,326.84	Approved
57-2010	Lake City	Missaukee	22,000.00	Approved
43-0000	Lake County	Lake	TBD	Pending
34-1100	Lake Odessa Township	Ionia	11,750.00	Approved
34-3030	Lake Odessa Village	Ionia	4,000.00	Approved
63-3070	Lake Orion Village	Oakland	12,000.00	Approved
11-1110	Lake Township	Berrien	TBD	Pending
03-1110	Laketown Township	Allegan	21,000.00	Approved
59-7-506	Lakeview District Fire Department	Montcalm	49,000.00	Approved
33-2020	Lansing City	Ingham	381,000.00	Approved
331004	Lansing Mercy Ambulance	Ingham	34,000.00	Approved
33-1060	Lansing Township	Ingham	32,000.00	Approved
44-2020	Lapeer City	Lapeer	54,000.00	Approved

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First Responder Hazard Pay Premiums Program (FRHPPP)

Award Status for Applications Received as of 9/9/2020

<u>Local Unit Code</u>	<u>Applicant Name</u>	<u>Applicant County</u>	<u>Amount Approved</u>	<u>Application Status¹</u>
44-0000	Lapeer County	Lapeer	91,000.00	Approved
44-7-514	Lapeer County EMS	Lapeer	57,580.61	Approved
44-1120	Lapeer Township	Lapeer	4,500.00	Approved
63-2100	Lathrup Village City	Oakland	13,000.00	Approved
31-3040	Laurium Village	Houghton	4,000.00	Approved
80-1130	Lawrence Township	Van Buren	15,000.00	Approved
80-3040	Lawrence Village	Van Buren	1,000.00	Approved
80-3050	Lawton Village	Van Buren	40,000.00	Approved
45-0000	Leelanau County	Leelanau	29,500.00	Approved
45-1090	Leland Township	Leelanau	9,500.00	Approved
46-0000	Lenawee County	Lenawee	TBD	Pending
50-1070	Lenox Township	Macomb	12,000.00	Approved
67-7-508	LeRoy-Rose Lake Fire District	Osceola	2,836.66	Approved
76-3050	Lexington Village	Sanilac	21,000.00	Approved
411005	Life EMS Ambulance Inc.	Kent	395,700.00	Approved
N/A	Life Line Concord LLC	Wayne	118,000.00	Approved
82-2180	Lincoln Park City	Wayne	65,000.00	Approved
11-1120	Lincoln Township	Berrien	16,793.00	Approved
18-1110	Lincoln Township	Clare	14,000.00	Approved
47-0000	Livingston County	Livingston	242,000.00	Approved
82-2190	Livonia City	Wayne	213,000.00	Approved
28-1080	Long Lake Township	Grand Traverse	12,000.00	Approved
20-1040	Lovells Township	Crawford	11,000.00	Approved
41-2060	Lowell City	Kent	11,000.00	Approved
48-7-506	Luce County Ambulance Service	Luce	26,000.00	Approved
53-2010	Ludington City	Mason	32,000.00	Approved
49-0000	Mackinac County	Mackinac	35,000.00	Approved
49-2010	Mackinac Island City	Mackinac	36,000.00	Approved
16-3010	Mackinaw City Village	Cheboygan	5,616.27	Approved
50-0000	Macomb County	Macomb	551,000.00	Approved
50-1080	Macomb Township	Macomb	62,000.00	Approved
63-2110	Madison Heights City	Oakland	81,843.31	Approved
46-1110	Madison Township	Lenawee	23,000.00	Approved
81-1090	Manchester Township	Washtenaw	20,413.22	Approved
51-2010	Manistee City	Manistee	19,000.00	Approved
51-0000	Manistee County	Manistee	24,000.00	Approved
N/A	Manistee County 911	Manistee	9,000.00	Approved
77-2010	Manistique City	Schoolcraft	40,000.00	Approved
51-1080	Maple Grove Township	Manistee	3,000.00	Approved
04-1040	Maple Ridge Township	Alpena	12,000.00	Approved
13-1150	Marengo Township	Calhoun	9,000.00	Approved
74-2020	Marine City City	St Clair	9,000.00	Approved
76-2025	Marlette City	Sanilac	4,000.00	Approved
761006	Marlette Regional Hospital	Sanilac	25,000.00	Approved
52-2020	Marquette City	Marquette	58,000.00	Approved
52-0000	Marquette County	Marquette	90,000.00	Approved
74-2030	Marysville City	St Clair	TBD	Pending

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First Responder Hazard Pay Premiums Program (FRHPPP)

Award Status for Applications Received as of 9/9/2020

<u>Local Unit Code</u>	<u>Applicant Name</u>	<u>Applicant County</u>	<u>Amount Approved</u>	<u>Application Status¹</u>
33-2040	Mason City	Ingham	44,000.00	Approved
53-0000	Mason County	Mason	45,000.00	Approved
N/A	Mason-Oceana 911	Oceana	18,000.00	Approved
761005	McKenzie Health System	Sanilac	33,000.00	Approved
N/A	McLaren Bay Region	Bay	TBD	Pending
54-1090	Meceola Consolidated Central Dispatch	Mecosta	16,000.00	Approved
54-0000	Mecosta County	Mecosta	71,000.00	Approved
501035	Medstar Inc.	Macomb	567,000.00	Approved
74-2040	Memphis City	St Clair	22,000.00	Approved
75-3050	Mendon Village	St Joseph	4,000.00	Approved
55-2010	Menominee City	Menominee	28,000.00	Approved
55-0000	Menominee County	Menominee	51,000.00	Approved
68-1060	Mentor Township	Oscoda	5,000.00	Approved
31-1002	Mercy EMS, Inc	Houghton	25,000.00	Approved
33-1100	Meridian Township	Ingham	69,000.00	Approved
44-1150	Metamora Township	Lapeer	36,000.00	Approved
11-3060	Michiana Village	Berrien	3,000.00	Approved
29-7-506	Mid Michigan Community Fire Board	Gratiot	20,000.00	Approved
N/A	Mid-County Rescue Squad, Inc.	Menominee	8,600.00	Approved
56-0000	Midland County	Midland	81,000.00	Approved
N/A	Midland County Central Dispatch	Midland	14,000.00	Approved
N/A	Mid-Michigan Medical Center Midland	Midland	65,700.00	Approved
58-2020	Milan City	Washtenaw	17,000.00	Approved
81-7-544	Milan Fire Department	Monroe	11,200.00	Approved
N/A	Miles Grubb & Associates LLC	Oakland	162,000.00	Approved
63-1120	Milford Township	Oakland	24,859.87	Approved
63-3090	Milford Village	Oakland	20,000.00	Approved
57-0000	Missaukee County	Missaukee	40,000.00	Approved
731021	Mobile Medical Response	Saginaw	525,000.00	Approved
58-2030	Monroe City	Monroe	57,000.00	Approved
58-0000	Monroe County	Monroe	162,000.00	Approved
61-7521	Montague Fire District	Muskegon	14,250.00	Approved
60-0000	Montmorency County	Montmorency	35,000.00	Approved
25-1130	Montrose Township	Genesee	9,689.00	Approved
30-1006	Moscow Township	Hillsdale	19,000.00	Approved
50-2050	Mount Clemens City	Macomb	9,854.00	Approved
37-2010	Mt Pleasant City	Isabella	52,000.00	Approved
25-1150	Mundy Township	Genesee	11,947.50	Approved
02-2010	Munising City	Alger	26,000.00	Approved
61-2020	Muskegon City	Muskegon	100,000.00	Approved
61-0000	Muskegon County	Muskegon	97,000.00	Approved
61-2030	Muskegon Heights City	Muskegon	43,000.00	Approved
61-1120	Muskegon Township	Muskegon	33,000.00	Approved
74-1190	Mussey Township	St Clair	19,000.00	Approved
08-3030	Nashville Village	Barry	TBD	Pending
52-2030	Negaunee City	Marquette	33,000.00	Approved
50-2060	New Baltimore City	Macomb	26,000.00	Approved

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First Responder Hazard Pay Premiums Program (FRHPPP)

Award Status for Applications Received as of 9/9/2020

<u>Local Unit Code</u>	<u>Applicant Name</u>	<u>Applicant County</u>	<u>Amount Approved</u>	<u>Application Status¹</u>
11-2050	New Buffalo City	Berrien	13,500.00	Approved
11-1130	New Buffalo Township	Berrien	15,000.00	Approved
62-0000	Newaygo County	Newaygo	68,214.30	Approved
11-2060	Niles City	Berrien	59,000.00	Approved
11-7522	North Berrien Fire Rescue	Berrien	24,000.00	Approved
44-1160	North Branch Township	Lapeer	22,000.00	Approved
61-2040	North Muskegon City	Muskegon	21,000.00	Approved
63-7-586	North Oakland County Fire Authority	Oakland	44,000.00	Approved
33-7-520	Northeast Ingham Emergency Services Authority	Ingham	50,000.00	Approved
81-1100	Northfield Township	Washtenaw	21,136.00	Approved
69-2120	Northville City	Wayne	27,043.40	Approved
82-1060	Northville Township	Wayne	73,000.00	Approved
61-2050	Norton Shores City	Muskegon	71,000.00	Approved
22-2030	Norway City	Dickinson	16,960.00	Approved
3703	Nottawa Sherman Township Fire Department	Isabella	16,000.00	Approved
63-2130	Novi City	Oakland	173,000.00	Approved
63-2140	Oak Park City	Oakland	56,000.00	Approved
63-0000	Oakland County	Oakland	996,069.03	Approved
63-1140	Oakland Township	Oakland	35,000.00	Approved
64-0000	Oceana County	Oceana	31,000.00	Approved
65-0000	Ogemaw County	Ogemaw	43,000.00	Approved
65-1110	Ogemaw County Emergency Dispatch Authority	Ogemaw	11,000.00	Approved
65-7-509	Ogemaw County EMS Authority	Ogemaw	30,750.00	Approved
71-7-502	Onaway Area Ambulance	Presque Isle	16,000.00	Approved
66-0000	Ontonagon County	Ontonagon	12,000.00	Approved
14-7-506	Ontwa Township Edwardsburg Police	Cass	7,000.00	Approved
08-1110	Orangeville Township	Barry	23,000.00	Approved
63-2150	Orchard Lake Village City	Oakland	12,000.00	Approved
63-1150	Orion Township	Oakland	26,000.00	Approved
11-1150	Oronoko Township	Berrien	38,000.00	Approved
67-0000	Osceola County	Osceola	60,303.75	Approved
68-0000	Oscoda County	Oscoda	39,000.00	Approved
35-1060	Oscoda Township	Iosco	39,000.00	Approved
39-1080	Oshtemo Township	Kalamazoo	25,000.00	Approved
25-3050	Otisville Village	Genesee	5,000.00	Approved
03-2040	Otsego City	Allegan	21,745.00	Approved
69-0000	Otsego County	Otsego	55,000.00	Approved
70-0000	Ottawa County	Ottawa	253,000.00	Approved
N/A	Ottawa County Central Dispatch Authority	Ottawa	29,000.00	Approved
03-1180	Overisel Township	Allegan	20,164.00	Approved
78-2040	Owosso City	Shiawassee	36,000.00	Approved
63-1160	Oxford Township	Oakland	37,000.00	Approved
46-1140	Palmyra Township	Lenawee	TBD	Pending
28-1100	Paradise Township	Grand Traverse	6,000.00	Approved
70-1100	Park Township	Ottawa	34,000.00	Approved
38-1110	Parma Township	Jackson	12,000.00	Approved
251040	Patriot Ambulance Service	Genesee	67,000.00	Approved

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First Responder Hazard Pay Premiums Program (FRHPPP)

Award Status for Applications Received as of 9/9/2020

<u>Local Unit Code</u>	<u>Applicant Name</u>	<u>Applicant County</u>	<u>Amount Approved</u>	<u>Application Status¹</u>
76-3090	Peck Village	Sanilac	3,000.00	Approved
28-1110	Peninsula Township	Grand Traverse	11,500.00	Approved
13-1180	Pennfield Township	Calhoun	16,000.00	Approved
64-3030	Pentwater Village	Oceana	4,000.00	Approved
78-2050	Perry City	Shiawassee	6,000.00	Approved
24-2020	Petoskey City	Emmet	27,000.00	Approved
32-3050	Pigeon Village	Huron	4,000.00	Approved
47-3020	Pinckney Village	Livingston	6,000.00	Approved
81-1110	Pittsfield Township	Washtenaw	63,000.00	Approved
41-1160	Plainfield Township	Kent	42,000.00	Approved
63-2160	Pleasant Ridge City	Oakland	7,500.00	Approved
82-2220	Plymouth City	Wayne	16,000.00	Approved
82-1070	Plymouth Township	Wayne	66,000.00	Approved
32-3060	Port Austin Village	Huron	24,000.00	Approved
74-2060	Port Huron City	St Clair	92,000.00	Approved
74-1200	Port Huron Township	St Clair	8,100.00	Approved
39-2040	Portage City	Kalamazoo	93,000.00	Approved
49-1100	Portage Township	Mackinac	22,000.00	Approved
34-2030	Portland City	Ionia	17,600.00	Approved
N/A	Portland Fire Authority	Ionia	TBD	Pending
71-0000	Presque Isle County	Presque Isle	25,000.00	Approved
611004	Professional Med Team	Muskegon	94,000.00	Approved
47-1140	Putnam Township	Livingston	21,000.00	Approved
12-7-511	Quincy Fire Department	Branch	19,000.00	Approved
46-1150	Raisin Township	Lenawee	18,000.00	Approved
61-1130	Ravenna Township	Muskegon	15,000.00	Approved
30-7-516	Reading Emergency Unit, Inc	Hillsdale	18,325.00	Approved
82-1080	Redford Township	Wayne	112,000.00	Approved
67-2020	Reed City City	Osceola	20,000.00	Approved
24-1010	Resort Bear Creek Fire Department	Emmet	17,250.00	Approved
N/A	Rhoda Norris	Oakland	-	Denied
72-1100	Richfield Township	Roscommon	30,000.00	Approved
39-3030	Richland Village	Kalamazoo	5,000.00	Approved
50-2070	Richmond City	Macomb	62,000.00	Approved
50-7-546	Richmond Lenox EMS	Macomb	39,000.00	Approved
46-1160	Ridgeway Township	Lenawee	17,000.00	Approved
82-2230	River Rouge City	Wayne	39,000.00	Approved
82-2240	Riverview City	Wayne	49,000.00	Approved
63-2180	Rochester City	Oakland	54,944.39	Approved
411004	Rockford Ambulance	Kent	41,600.00	Approved
41-2070	Rockford City	Kent	21,000.00	Approved
82-2250	Rockwood City	Wayne	25,000.00	Approved
71-2020	Rogers City	Presque Isle	6,000.00	Approved
50-3040	Romeo Village	Macomb	8,914.29	Approved
82-2260	Romulus City	Wayne	58,272.87	Approved
61-2060	Roosevelt Park City	Muskegon	11,000.00	Approved
72-0000	Roscommon County	Roscommon	TBD	Pending

¹ Application Status Explanations:

Pending = Award pending additional information from applicant; Treasury to contact applicant by email.

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First Responder Hazard Pay Premiums Program (FRHPPP)

Award Status for Applications Received as of 9/9/2020

<u>Local Unit Code</u>	<u>Applicant Name</u>	<u>Applicant County</u>	<u>Amount Approved</u>	<u>Application Status¹</u>
50-2080	Roseville City	Macomb	115,000.00	Approved
63-2190	Royal Oak City	Oakland	136,000.00	Approved
73-2020	Saginaw City	Saginaw	68,647.25	Approved
73-0000	Saginaw County	Saginaw	105,000.00	Approved
73-7-512	Saginaw County 911 Communications Authority	Saginaw	25,000.00	Approved
73-1200	Saginaw Township	Saginaw	106,000.00	Approved
81-2030	Saline City	Washtenaw	15,500.00	Approved
41-3040	Sand Lake Village	Kent	20,000.00	Approved
76-2030	Sandusky City	Sanilac	5,000.00	Approved
76-0000	Sanilac County	Sanilac	72,000.00	Approved
76-7515	Sanilac East Fire Authority	Sanilac	21,000.00	Approved
34-3070	Saranac Village	Ionia	21,000.00	Approved
43-7-010	Sauble Elk Eden Fire Department	Lake	16,000.00	Approved
03-7-515	Saugatuck Township	Allegan	27,000.00	Approved
17-2010	Sault Ste Marie City	Chippewa	42,000.00	Approved
321004	Scheurer Hospital	Huron	20,000.00	Approved
77-0000	Schoolcraft County	Schoolcraft	16,000.00	Approved
39-3040	Schoolcraft Village	Kalamazoo	5,000.00	Approved
81-1140	Scio Township	Washtenaw	14,998.00	Approved
53-2020	Scottville City	Mason	2,600.00	Approved
30-1230	Sebewaing Township	Huron	32,000.00	Approved
N/A	Sharon Salter	Wayne	-	Denied
50-1110	Shelby Township	Macomb	150,000.00	Approved
64-3050	Shelby Village	Oceana	5,000.00	Approved
13-1190	Sheridan Township	Calhoun	21,000.00	Approved
78-0000	Shiawassee County	Shiawassee	53,000.00	Approved
41-1170	Solon Township	Kent	14,000.00	Approved
N/A	Sonco Ambulance Inc.	Ontonagon	24,000.00	Approved
N/A	Sonja Fuller	Wayne	-	Denied
20-1060	South Branch Township	Crawford	20,000.00	Approved
50-7084	South East Regional Emergency Services Authority	Macomb	26,000.00	Approved
80-7-515	South Haven Area Emerg Services	Van Buren	47,000.00	Approved
80-2040	South Haven City	Van Buren	19,000.00	Approved
39-7517	South Kalamazoo County Fire Authority	Kalamazoo	33,000.00	Approved
63-2210	South Lyon City	Oakland	41,000.00	Approved
N/A	South Torch Lake Fire Department	Antrim	12,000.00	Approved
N/A	Southeast Public Safety Authority	Cass	15,514.00	Approved
82-2270	Southgate City	Wayne	63,000.00	Approved
78-7519	Southwest Shiawassee Emergency Services Alliance	Shiawassee	10,000.00	Approved
11-7-519	Southwestern Michigan Community Ambulance	Berrien	36,000.00	Approved
41-7-526	Sparta Fire Department	Kent	TBD	Pending
41-3050	Sparta Village	Kent	8,000.00	Approved
76-1220	Speaker Township	Sanilac	19,000.00	Approved
411012	Spectrum Health Hospitals (Aero Med)	Kent	32,000.00	Approved
38-1150	Spring Arbor Township	Jackson	22,000.00	Approved
70-1140	Spring Lake Township	Ottawa	22,000.00	Approved
13-2040	Springfield City	Calhoun	3,600.00	Approved

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First Responder Hazard Pay Premiums Program (FRHPPP)

Award Status for Applications Received as of 9/9/2020

<u>Local Unit Code</u>	<u>Applicant Name</u>	<u>Applicant County</u>	<u>Amount Approved</u>	<u>Application Status¹</u>
63-1210	Springfield Township	Oakland	47,000.00	Approved
73-3050	St Charles Village	Saginaw	TBD	Pending
74-2070	St Clair City	St Clair	9,000.00	Approved
50-2090	St Clair Shores City	Macomb	112,463.58	Approved
11-1180	St Joseph Township	Berrien	11,000.00	Approved
74-0000	St. Clair County	St Clair	213,000.00	Approved
19-2030	St. Johns City	Clinton	22,300.00	Approved
11-2070	St. Joseph City	Berrien	25,000.00	Approved
75-0000	St. Joseph County	St Joseph	73,500.00	Approved
29-2030	St. Louis City	Gratiot	7,000.00	Approved
50-2100	Sterling Heights City	Macomb	252,000.00	Approved
75-2010	Sturgis City	St Joseph	29,000.00	Approved
58-1140	Summerfield Township	Monroe	21,000.00	Approved
38-1170	Summit Township	Jackson	22,000.00	Approved
82-1090	Sumpter Township	Wayne	TBD	Pending
23-7-517	Sunfield, Sebewa, Danby Fire Department	Eaton	TBD	Pending
N/A	Superior Air-Ground Ambulance Mich	Wayne	296,000.00	Approved
81-1160	Superior Township	Washtenaw	11,000.00	Approved
25-8845	Swartz Ambulance Services, Inc.	Genesee	54,502.24	Approved
25-7-539	Swartz Creek Area Fire	Genesee	26,000.00	Approved
63-2220	Sylvan Lake City	Oakland	7,000.00	Approved
70-1150	Tallmadge Township	Ottawa	23,500.00	Approved
N/A	Tamika Breckenridge	Wayne	-	Denied
35-2020	Tawas City	Iosco	12,650.00	Approved
N/A	Tawas Police Authority	Iosco	TBD	Pending
82-2280	Taylor City	Wayne	140,000.00	Approved
46-2040	Tecumseh City	Lenawee	33,000.00	Approved
39-1140	Texas Township	Kalamazoo	16,500.00	Approved
N/A	Thomas Spilliene	Genesee	-	Denied
73-1250	Thomas Township	Saginaw	TBD	Pending
08-1140	Thornapple Township	Barry	TBD	Pending
75-2020	Three Rivers City	St Joseph	27,000.00	Approved
38-1180	Tompkins Township	Jackson	15,000.00	Approved
28-2010	Traverse City City	Grand Traverse	55,000.00	Approved
82-2290	Trenton City	Wayne	65,500.00	Approved
68-7-501	Tri Town Fire Department	Oscoda	16,000.00	Approved
60-7-504	Tri Township Ambulance Service	Montmorency	30,300.00	Approved
73-7-523	Tri Township Fire District	Saginaw	29,000.00	Approved
N/A	Tri-Hospital Emergency Medical Services Corporation	St Clair	129,000.00	Approved
63-2230	Troy City	Oakland	148,000.00	Approved
79-0000	Tuscola County	Tuscola	57,000.00	Approved
67-7-505	Tustin Area Fire District	Osceola	4,114.56	Approved
47-1160	Unadilla Township	Livingston	18,000.00	Approved
N/A	Universal-Macomb Ambulance Service	Macomb	75,250.00	Approved
50-2110	Utica City	Macomb	47,000.00	Approved
82-1100	Van Buren Township	Wayne	TBD	Pending
79-2010	Vassar City	Tuscola	5,000.00	Approved

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First Responder Hazard Pay Premiums Program (FRHPPP)

Award Status for Applications Received as of 9/9/2020

<u>Local Unit Code</u>	<u>Applicant Name</u>	<u>Applicant County</u>	<u>Amount Approved</u>	<u>Application Status¹</u>
23-1140	Vermontville Township	Eaton	18,000.00	Approved
801008	VMEBS, Inc	Van Buren	45,000.00	Approved
41-2080	Walker City	Kent	81,000.00	Approved
63-2240	Walled Lake City	Oakland	39,000.00	Approved
50-2120	Warren City	Macomb	332,000.00	Approved
81-0000	Washtenaw County	Washtenaw	248,000.00	Approved
63-1220	Waterford Township	Oakland	177,000.00	Approved
03-7-510	Wayland Area EMS	Allegan	19,287.50	Approved
03-2060	Wayland City	Allegan	31,000.00	Approved
82-2300	Wayne City	Wayne	37,000.00	Approved
82-0000	Wayne County	Wayne	TBD	Pending
82-7-585	Wayne County Airport Authority	Wayne	182,000.00	Approved
11-1220	Weesaw Township	Berrien	12,000.00	Approved
63-1230	West Bloomfield Township	Oakland	187,000.00	Approved
N/A	Western Michigan University	Kalamazoo	-	Denied
82-2310	Westland City	Wayne	141,000.00	Approved
83-0000	Wexford County	Wexford	61,000.00	Approved
62-2030	White Cloud City	Newaygo	4,975.00	Approved
61-7515	White Lake Ambulance Authority	Muskegon	23,000.00	Approved
61-7-519	White Lake Fire Authority	Muskegon	TBD	Pending
63-1240	White Lake Township	Oakland	61,000.00	Approved
75-3060	White Pigeon Village	St Joseph	4,000.00	Approved
17-1160	Whitefish Township	Chippewa	24,000.00	Approved
61-2070	Whitehall City	Muskegon	12,000.00	Approved
33-2050	Williamston City	Ingham	6,000.00	Approved
23-1160	Windsor Township	Eaton	TBD	Pending
63-2250	Wixom City	Oakland	31,000.00	Approved
63-3130	Wolverine Lake Village	Oakland	7,650.00	Approved
82-2320	Woodhaven City	Wayne	36,000.00	Approved
08-1150	Woodland Township	Barry	12,000.00	Approved
30-12	Wright-Waldron Fire Department	Hillsdale	TBD	Pending
82-2330	Wyandotte City	Wayne	TBD	Pending
41-2090	Wyoming City	Kent	116,000.00	Approved
74-2080	Yale City	St Clair	6,000.00	Approved
08-1160	Yankee Springs Township	Barry	20,000.00	Approved
81-2040	Ypsilanti City	Washtenaw	50,000.00	Approved
81-1200	Ypsilanti Township	Washtenaw	27,000.00	Approved
70-2060	Zeeland City	Ottawa	41,000.00	Approved

¹ Application Status Explanations:

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Denied = Ineligible applicant and/or ineligible employee expenditures.



LOCAL GOVERNMENT

Community Engagement and Finance
Revenue Sharing
State Tax Commission
School Review and Fiscal Accountability
Local Fiscal Health

TREASURY / LOCAL GOVERNMENT / REVENUE SHARING

First Responder Hazard Pay Premiums Program (FRHPPP)

[View Award Announcements 9/18/20](#)

Application Round Now Open Until September 30, 2020.

Get the Application Now

Program Description

The program was created to reimburse and/or pay for qualifying first responder hazard pay premiums provided to first responders who have performed hazardous duty or work involving physical hardship related to COVID-19. The program is funded under the Coronavirus Aid, Relief, and Economic Security (CARES) Act, Public Law 116-136.

Reimbursements and payments will be on a first-come, first-served basis. An application is deemed to be submitted when all required supporting documentation has been emailed or faxed to the Michigan Department of Treasury.

Eligible Expenditures

Eligible hazard pay premiums must be paid to employees by September 30, 2020 to qualify for the program.

- Law Enforcement Officers
- Firefighters
- Emergency Medical Technicians (EMTs)
- Paramedics
- 9-1-1 Operators
- Local Unit of Government Corrections Officers
- Airport Public Safety Officers
- Eligible personnel associated with ambulance operations licensed under section 20920 of the Public Health Code (1978 PA 368; MCL 333.20920)
- Private EMTs and paramedics who contract with municipalities or hospitals, if the hazard pay premiums are paid through the applicant

Program Details

- **Eligible Applicants**
 - Cities
 - Villages
 - Townships
 - Counties
 - Public Airport Operators
 - Ambulance Operations licensed under section 20920 of the Public Health Code (1978 PA 368; MCL 333.20920)
 - A local government authority, intergovernmental agency, or organization that employs local public safety or local public health

personnel and that was established by a city, village, township, county, or group thereof for the primary purpose of providing public safety or public health services.

- **Available Program Amount**
 - \$100,000,000
- **Maximum Available Limits**
 - \$1,000 per eligible employee
 - \$5,000,000 to any one applicant
- **Application Period**
 - Applications must be received by September 30, 2020
- **Distributions**
 - Payments and Reimbursements will be on a first-come, first-served basis. An application is deemed to be submitted when all required supporting documentation has been emailed or faxed to the Michigan Department of Treasury.
 - Payments will be made no later than November 14, 2020

Award Announcements

- [View Award Announcement 9/18/20](#)

Reporting Requirements

- Each eligible applicant that applies for a subaward must register with the Federal System for Award Management (SAM). Applicants that submit an application after July 26, 2020, must register in the SAM system prior to sending an application to the Michigan Department of Treasury.
- Application Packet with each page initialed and dated; along with all the required signatures.
- Applicants that are requesting an advance payment (i.e. hazard pay premiums have not been paid to the applicant's employees yet) must submit Form 5725, First Responder Hazard Pay Premiums Program, Advance Request, with the Application Packet.
- Applicants that were required to submit Form 5725, First Responder Hazard Pay Premiums Program, Advance Request, must submit to the Michigan Department of Treasury a Final Program Report by October 15, 2020.

Application Packet

- Get the FRHPPP Application Packet
- Get the Hazard Pay Premiums Payment Report
- Get the FRHPPP Advance Request Form (5725)

- [Get the Final Program Report of Advances \(Coming Soon\)](#)

Guidance and Frequently Asked Questions (FAQ)

[Read the State of Michigan FAQ](#)

[Read the State of Michigan FAQ \(Printer Version\)](#)

[Read the Federal Coronavirus Relief Fund FAQ](#)

[Read Coronavirus Relief Fund Guidance for State, Territorial, Local, and Tribal Governments](#)

Program Legislation

[Read 2020 Public Act 144](#)

[Read the Coronavirus Aid, Relief, and Economic Security Act CARES Act, Public Law 116-136](#)

Federal System for Award Management (SAM)

[Visit SAM](#)

Federal CARES Act State Distribution Information

[View Federal CARES Act Distribution Methodology](#)

[View Federal CARES Act Payments to States and Eligible Units of Local Government](#)

Contact


Revenue Sharing and Grants Division

- Phone: 517-335-0155
- Fax: 517-335-3298
- Email: Treas-CARES@michigan.gov

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Contractor's Application for Payment No. 4


Application Period: 6/1/2020-7/30/2020		Application Date: 9/17/2020
To (Owner): Oscoda Township	From (Contractor): Team Elmer's	Via (Engineer): ROWE Professional Services Company
Project: Water Main Phase II	Contract: Water Main Phase I	
Owner's Contract No.:	Contractor's Project No.:	Engineer's Project No.: 18C0152

**Application For Payment
Change Order Summary**

Approved Change Orders		
Number	Additions	Deductions
1		\$374,232.25
2		\$57,118.57
TOTALS		\$431,350.82
NET CHANGE BY CHANGE ORDERS		-\$431,350.82

1. ORIGINAL CONTRACT PRICE	\$	\$1,753,649.20
2. Net change by Change Orders	\$	-\$431,350.82
3. Current Contract Price (Line 1 ± 2)	\$	\$1,322,298.38
4. TOTAL COMPLETED AND STORED TO DATE (Column F total on Progress Estimates).....	\$	\$1,322,298.38
5. RETAINAGE:		
a. X \$1,322,298.38 Work Completed.....	\$	
b. X _____ Stored Material.....	\$	
c. Total Retainage (Line 5.a + Line 5.b).....	\$	
6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5.c)	\$	\$1,322,298.38
7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application)	\$	\$1,309,075.40
8. AMOUNT DUE THIS APPLICATION	\$	\$13,222.98
9. BALANCE TO FINISH, PLUS RETAINAGE (Column G total on Progress Estimates + Line 5.c above).....	\$	

Contractor's Certification
The undersigned Contractor certifies, to the best of its knowledge, the following:
(1) All previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with the Work covered by prior Applications for Payment;
(2) Title to all Work, materials and equipment incorporated in said Work, or otherwise listed in or covered by this Application for Payment, will pass to Owner at time of payment free and clear of all Liens, security interests, and encumbrances (except such as are covered by a bond acceptable to Owner indemnifying Owner against any such Liens, security interest, or encumbrances); and
(3) All the Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

Contractor Signature
By:  Date: 9-17-2020

Payment of: \$ 13,222.98
(Line 8 or other - attach explanation of the other amount)

is recommended by: _____ (Date)
ROWE Professional Services Company

Payment of: \$ _____
(Line 8 or other - attach explanation of the other amount)

is approved by: _____ (Date)
(Owner)

Approved by: _____ (Date)
Funding or Financing Entity (if applicable)

Progress Estimate - Unit Price Work

Contractor's Application

For (Contract): Water Main Phase I						Application Number: 4					
Application Period: 6/1/2020-7/30/2020						Application Date: 44091					
A				B		C	D	E	F		
Item				Contract Information		Estimated Quantity Installed	Value of Work Installed to Date	Materials Presently Stored (not in C)	Total Completed and Stored to Date (D + E)	% (F / B)	Balance to Finish (B - F)
Bid Item No.	Description	Item Quantity	Units	Unit Price	Total Value of Item (\$)						
Base Bid	Aggregate Surface Cse, 4 inch	716	Syd	\$16.50	\$11,814.00	716	\$11,814.00		\$11,814.00	100.0%	
Base Bid	Aggregate Surface Cse, 6 inch (C.O.#2)	275.1	Syd	\$8.30	\$2,283.33	275.1	\$2,283.33		\$2,283.33	100.0%	
Base Bid	Audio-Video Construction Area Survey	1	LSUM	\$2,650.00	\$2,650.00	1	\$2,650.00		\$2,650.00	100.0%	
Base Bid	Clearing	1	LSUM	\$20,000.00	\$20,000.00	1	\$20,000.00		\$20,000.00	100.0%	
Base Bid	Connect to Existing Water Main	1	Ea	\$4,160.00	\$4,160.00	1	\$4,160.00		\$4,160.00	100.0%	
Base Bid	Corporation and Tap, 3/4 inch	91	Ea	\$300.00	\$27,300.00	91	\$27,300.00		\$27,300.00	100.0%	
Base Bid	Curb and Gutter, Conc, Det C4 (C.O.#2)	42	Ft	\$33.00	\$1,386.00	42	\$1,386.00		\$1,386.00	100.0%	
Base Bid	Curb and Gutter, Rem (C.O.#2)	43	Ft	\$6.00	\$258.00	43	\$258.00		\$258.00	100.0%	
Base Bid	Curb Stop and Box, 3/4 inch	95	Ea	\$240.00	\$22,800.00	95	\$22,800.00		\$22,800.00	100.0%	
Base Bid	Driveway, HMA	284	Syd	\$24.50	\$6,958.00	284	\$6,958.00		\$6,958.00	100.0%	
Base Bid	Driveway, Nonreinf Conc, 6 inch (C.O.#2)	231.1	Syd	\$74.50	\$17,216.95	231.1	\$17,216.95		\$17,216.95	100.0%	
Base Bid	Fire Hydrant	23	Ea	\$4,500.00	\$103,500.00	23	\$103,500.00		\$103,500.00	100.0%	
Base Bid	Gate Valve and Box, 12 inch (C.O.#2)	7	Ea	\$2,400.00	\$16,800.00	7	\$16,800.00		\$16,800.00	100.0%	
Base Bid	Gate Valve and Box, 6 inch (C.O.#2)	2	Ea	\$900.00	\$1,800.00	2	\$1,800.00		\$1,800.00	100.0%	
Base Bid	Gate Valve and Box, 8 inch (C.O.#2)	3	Ea	\$1,300.00	\$3,900.00	3	\$3,900.00		\$3,900.00	100.0%	
Base Bid	Maintaining Traffic	1	LSUM	\$50,000.00	\$50,000.00	1	\$50,000.00		\$50,000.00	100.0%	
Base Bid	Misc Pipe Repr (C.O.#2)		Ea	\$500.00							
Base Bid	Misc Structures, Rem	1	LSUM	\$5,000.00	\$5,000.00	1	\$5,000.00		\$5,000.00	100.0%	
Base Bid	Mobilization	1	LSUM	\$127,000.00	\$127,000.00	1	\$127,000.00		\$127,000.00	100.0%	
Base Bid	Pavt Repr, HMA (C.O.#2)	538	Syd	\$28.30	\$15,225.40	538	\$15,225.40		\$15,225.40	100.0%	
Base Bid	Pavt, Rem (C.O.#2)	477	Syd	\$6.00	\$2,862.00	477	\$2,862.00		\$2,862.00	100.0%	
Base Bid	Post, Steel, 3 lb (C.O.#2)		Ft	\$6.00							
Base Bid	Sign, Type III, Erect, Salv (C.O.#2)		Ea	\$50.00							
Base Bid	Sign, Type III, Rem (C.O.#2)		Ea	\$150.00							
Base Bid	Soil Erosion and Sedimentation Control	1	LSUM	\$3,500.00	\$3,500.00	1	\$3,500.00		\$3,500.00	100.0%	
Base Bid	Testing and Disinfection	1	LSUM	\$23,250.00	\$23,250.00	1	\$23,250.00		\$23,250.00	100.0%	
Base Bid	Tree, Rem, 6 inch to 18 inch (C.O.#2)	14	Ea	\$1,740.00	\$24,360.00	14	\$24,360.00		\$24,360.00	100.0%	
Base Bid	Turf Establishment	1	LSUM	\$50,000.00	\$50,000.00	1	\$50,000.00		\$50,000.00	100.0%	
Base Bid	Water Main, 12 inch, Bored and Jacked	155	Ft	\$420.00	\$65,100.00	155	\$65,100.00		\$65,100.00	100.0%	
Base Bid	Water Main, 12 inch, Tr Det F (C.O.#2)	2939	Ft	\$74.00	\$217,486.00	2939	\$217,486.00		\$217,486.00	100.0%	
Base Bid	Water Main, 12 inch, Tr Det G (C.O.#2)	1002	Ft	\$76.00	\$76,152.00	1002	\$76,152.00		\$76,152.00	100.0%	
Base Bid	Water Main, 6 inch, Tr Det F (C.O.#2)		Ft	\$62.00							
Base Bid	Water Main, 6 inch, Tr Det G (C.O.#2)	131	Ft	\$65.00	\$8,515.00	131	\$8,515.00		\$8,515.00	100.0%	
Base Bid	Water Main, 8 inch, Tr Det F (C.O.#2)	446	Ft	\$66.00	\$29,436.00	446	\$29,436.00		\$29,436.00	100.0%	
Base Bid	Water Main, 8 inch, Tr Det G (CO.O.#2)	30	Ft	\$71.00	\$2,130.00	30	\$2,130.00		\$2,130.00	100.0%	
Base Bid	Water Serv, CTS 200 psi 3/4 inch, Bored (C.O.#1 & #2)	153	Ft	\$30.00	\$4,590.00	153	\$4,590.00		\$4,590.00	100.0%	
Base Bid	Water Serv, CTS 200 psi, 3/4 inch, 150 ft Bored (C.O.#1)		Ea	\$2,470.00							
Base Bid	Water Serv, CTS 200 psi, 3/4 inch, 200 ft Bored (C.O.#1)		Ea	\$2,400.00							
Base Bid	Water Serv, CTS 200 psi, 3/4", 100 ft Bored (C.O.#1 & #2)	67	Ea	\$2,640.00	\$176,880.00	67	\$176,880.00		\$176,880.00	100.0%	
Base Bid Subtotals					\$1,124,312.68		\$1,124,312.68		\$1,124,312.68		

Progress Estimate - Unit Price Work

Contractor's Application

For (Contract): Water Main Phase I						Application Number: 4					
Application Period: 6/1/2020-7/30/2020						Application Date: 44091					
A				B		C	D	E	F		
Item		Contract Information				Estimated Quantity Installed	Value of Work Installed to Date	Materials Presently Stored (not in C)	Total Completed and Stored to Date (D + E)	% (F / B)	Balance to Finish (B - F)
Bid Item No.	Description	Item Quantity	Units	Unit Price	Total Value of Item (\$)						
Alternate Bid	Aggregate Surface Cse, 4 inch (C.O. #1 & #2)	45.7	Syd	\$16.50	\$754.05	45.7	\$754.05		\$754.05	100.0%	
Alternate Bid	Audio-Video Construction Area Survey (C.O. #1)	0.85	LSUM	\$385.00	\$327.25	0.85	\$327.25		\$327.25	100.0%	
Alternate Bid	Clearing (C.O. #1)	0.85	LSUM	\$7,500.00	\$6,375.00	0.85	\$6,375.00		\$6,375.00	100.0%	
Alternate Bid	Corporation and Tap, 3/4 inch (C.O.#2)	11	Ea	\$300.00	\$3,300.00	11	\$3,300.00		\$3,300.00	100.0%	
Alternate Bid	Curb Stop and Box, 3/4 inch (C.O.#2)	11	Ea	\$240.00	\$2,640.00	11	\$2,640.00		\$2,640.00	100.0%	
Alternate Bid	Driveway, HMA (C.O.#2)	30	Syd	\$24.50	\$735.00	30	\$735.00		\$735.00	100.0%	
Alternate Bid	Driveway, Nonreinf Conc, 6 inch	24	Syd	\$74.50	\$1,788.00	24	\$1,788.00		\$1,788.00	100.0%	
Alternate Bid	Fire Hydrant (C.O. #1 & #2)	5	Ea	\$4,500.00	\$22,500.00	5	\$22,500.00		\$22,500.00	100.0%	
Alternate Bid	Gate Valve and Box, 12 inch (C.O. #1)	2	Ea	\$2,300.00	\$4,600.00	2	\$4,600.00		\$4,600.00	100.0%	
Alternate Bid	Maintaining Traffic (C.O. #1)	0.85	LSUM	\$5,000.00	\$4,250.00	0.85	\$4,250.00		\$4,250.00	100.0%	
Alternate Bid	Misc Pipe Repr (C.O.#2)		Ea	\$300.00							
Alternate Bid	Misc Structures, Rem (C.O. #1)	0.85	LSUM	\$3,000.00	\$2,550.00	0.85	\$2,550.00		\$2,550.00	100.0%	
Alternate Bid	Mobilization (C.O. #1)	0.85	LSUM	\$12,000.00	\$10,200.00	0.85	\$10,200.00		\$10,200.00	100.0%	
Alternate Bid	Pavt, Rem (C.O. #1 & #2)		Syd	\$6.00							
Alternate Bid	Post, Steel, 3 lb (C.O.#2)		Ft	\$6.00							
Alternate Bid	Sign, Type III, Erect, Salv (C.O.#2)		Ea	\$50.00							
Alternate Bid	Sign, Type III, Rem (C.O.#2)		Ea	\$150.00							
Alternate Bid	Soil Erosion and Sedimentation Control (C.O. #1)	0.85	LSUM	\$2,000.00	\$1,700.00	0.85	\$1,700.00		\$1,700.00	100.0%	
Alternate Bid	Testing and Disinfection (C.O. #1)	0.85	LSUM	\$5,000.00	\$4,250.00	0.85	\$4,250.00		\$4,250.00	100.0%	
Alternate Bid	Turf Establishment (C.O. #1)	0.85	LSUM	\$20,000.00	\$17,000.00	0.85	\$17,000.00		\$17,000.00	100.0%	
Alternate Bid	Water Main, 12 inch, Directionally Bored (C.O. #1)		Ft	\$265.00							
Alternate Bid	Water Main, 12 inch, Tr Det F	1548	Ft	\$74.30	\$115,016.40	1548	\$115,016.40		\$115,016.40	100.0%	
Alternate Bid	Water Main, 12 inch, Tr Det G (C.O.#2)		Ft	\$106.00							
Alternate Bid	Water Serv, CTS 200 psi 3/4 inch. Bored (C.O. #1 & #2)		Ea	\$30.00							
Alternate Bid	Water Serv, CTS 200 psi, 3/4 inch, 150 ft Bored (C.O. #1)		Ea	\$2,450.00							
Alternate Bid	Water Serv, CTS 200 psi, 3/4 inch, 200 ft Bored (C.O. #1)		Ea	\$2,400.00							
Alternate Bid	Water Serv, CTS 200 psi, 3/4", 100 ft Bored (C.O. #1)		Ea	\$2,600.00							
Alternate bid Subtotals					\$197,985.70		\$197,985.70		\$197,985.70		
Totals					\$1,322,298.38		\$1,322,298.38		\$1,322,298.38	100.0%	

Tammy Kline

From: Rick Freeman <RFreeman@rowepsc.com>
Sent: Thursday, September 24, 2020 7:12 AM
To: Dave Schaeffer; Tammy Kline
Subject: Final Phase 2 Invoices
Attachments: 94518 - 18C0152.pdf; 94989 - 18C0152.pdf

Dave/Tammy,

These two invoices need Board approval on Monday to be included in Troy Shanks close out of the project yet this month.

Sorry for the delay in getting these to you but I needed to make sure all of our time was accounted for.

Let me know if you need anything else from me.

Have a great day.

Rick A. Freeman, PE | Principal | Vice President

<http://www.rowepsc.com/>" style='position:absolute;margin-left:0;margin-top:34.75pt;width:48.55pt;height:27.35pt;z-index:-251657216;visibility:visible;mso-wrap-style:square;mso-width-percent:0;mso-height-percent:0;mso-wrap-distance-left:9pt;mso-wrap-distance-top:0;mso-wrap-distance-right:9pt;mso-wrap-distance-bottom:0;mso-position-horizontal:left;mso-position-horizontal-relative:text;mso-position-vertical:absolute;mso-position-vertical-relative:text;mso-width-percent:0;mso-height-percent:0;mso-width-relative:page;mso-height-relative:page' o:button="t"> **ROWE PROFESSIONAL SERVICES COMPANY**

540 S. Saginaw Street, Ste. 200 | Flint, MI 48502

O: (810) 341-7500 | F: (810) 341-7573 | C: (810) 869-5155

www.rowepsc.com | Follow us on: [Facebook](#) | [LinkedIn](#)

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 www.rowepsc.com

Oscoda Charter Township
 Township Superintendent
 110 South State Street
 Oscoda, MI 48750

July 27, 2020
 Project No: 18C0152
 Invoice No: 94989
 Project Mgr Rick Freeman

Project 18C0152 Water Main Phase 2

As-needed services for the Planning, Building and Ordinance Department

Professional Services from June 01, 2020 to June 30, 2020

Task 4104 Aerial Control, ROW and Supplemental S

Professional Personnel

	Hours	Rate	Amount	
Project Manager				
Sorenson, Cole	5.50	135.00	742.50	
Totals	5.50		742.50	
Total Labor				742.50
				Total this Task
				\$742.50

Task 3001 Construction Engineering

Professional Personnel

	Hours	Rate	Amount	
Assistant Project Engineer				
Kalakay, Samantha	2.50	110.00	275.00	
Engineering Project Manager				
Oparka, Dean	19.00	135.00	2,565.00	
Senior Engineering Technician				
Phaneuf, Tammy	1.00	100.00	100.00	
Wilson, John	213.50	100.00	21,350.00	
Totals	236.00		24,290.00	
Total Labor				24,290.00
				Total this Task
				\$24,290.00
				Total Amount Due
				\$25,032.50



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 www.rowepsc.com

Oscoda Charter Township
 Township Superintendent
 110 South State Street
 Oscoda, MI 48750

August 24, 2020
 Project No: 18C0152
 Invoice No: 95331
 Project Mgr Rick Freeman

Project 18C0152 Water Main Phase 2

As-needed services for the Planning, Building and Ordinance Department

Professional Services from July 01, 2020 to July 31, 2020

Task 1112 Reimbursable Expenses - Perdeim and Lo

Reimbursable Expenses

Brookwood Enterprises, LLC	1,000.00	
Total Reimbursables	1,000.00	1,000.00
	Total this Task	\$1,000.00

Task 3001 Construction Engineering

Professional Personnel

	Hours	Rate	Amount	
Director of Engineering				
Freeman, Rick	32.00	170.00	5,440.00	
Engineering Project Manager				
Oparka, Dean	12.00	135.00	1,620.00	
Totals	44.00		7,060.00	
Total Labor				7,060.00

Reimbursable Expenses

Doug Boyer	1,600.00	
Total Reimbursables	1,600.00	1,600.00
	Total this Task	\$8,660.00

Invoice 94518 Overpayment	-5,868.00	
	-5,868.00	-5,868.00
	Total Amount Due	\$3,792.00

Memo

To: Dave Schaeffer/ Township Superintendent
From: William Hamlin / Dpw Supervisor
CC:
Date: 9/22/20
Re: Truck purchase

Dave,

I have received 3 quotes for the new ½ ton, 2wd parks truck. After reviewing those I recommend we purchase the new DPW parks truck from Zubek motors of Oscoda. Due to the covid crisis and supply and demand. Zubek's was 8 weeks out on their delivery time compared to 19 weeks for the other 2 dealers and their price was only \$498.25 higher than the lowest quote. To get the truck purchased and delivered under the 2020 capital improvement plan I recommend Zubek's.

Thanks Bill

Zubeks - Oscoda - Per Gary

CNGP530

VEHICLE ORDER CONFIRMATION

09/18/20 10:44:51

==>

Dealer: F48605

2021 F-150

Page: 1 of 1

Order No: 0918 Priority: L4 Ord FIN: QN480 Order Type: 5B Price Level: 120

Ord Code: 101A Cust/Flt Name: TWP PO Number:

		RETAIL	DLR INV		RETAIL	DLR INV
F1C	F150 4X2 R/C	\$29240	\$27925.00	6100# GVWR		
	141" WHEELBASE			425 50 STATE EMISS	NC	NC
PQ	RACE RED			53A TRAILER TOW PKG	1090	992.00
A	VINYL 40/20/40	NC	NC	.TRL BRAKE CONTR		
S	MED DARK SLATE			FLEX FUEL		
101A	EQUIP GRP	2080	1893.00	SP FLT ACCT CR		(870.00)
	.XL SERIES			FUEL CHARGE		7.92
	.POWER EQUIP GRP			DEST AND DELIV	1695	1695.00
	.CRUISE CONTROL			TOTAL BASE AND OPTIONS	34105	31642.92
	.REV SENSING SYS			XL HIGH DISCOUNT	(750)	(683.00)
	.17"SILVER STEEL			TOTAL	33355	30959.92
99B	3.3L V6 PFDI			*THIS IS NOT AN INVOICE*		
44G	ELEC 10-SPDAUTO					
	.245/70R-17 A/S					
X26	3.73 REG AXLE	NC	NC			

F1=Help F2=Return to Order

F3/F12=Veh Ord Menu

F4=Submit F5=Add to Library

S099 - PRESS F4 TO SUBMIT

25175.00

QC02767

V1DP0484

2,6

BID PER ENCLOSED SPECIFICATIONS

Cost per vehicle \$23,539.00

Number of units 1

Total Bid Amount \$23,539.00

Vehicle Description:

Year 2021

Make Chevrolet

Model 1500 Silverado w/t
reg cab 2wd

Vendor:

Berger Chevrolet Inc.

Address 2525 28th Street S.E.

Grand Rapids, MI 49512

Phone (616) 949-5200

Fax (616) 988-9178

Bid Prepared For :

Oscoda Twp DPW

Price includes title fee and delivery.
Pricing based off the State of Michigan
MIDEAL Contact # 071-B7700177

Signature *Robert Evans*

Printed Signature Robert M. Evans

Date 7/24/2020



Berger Chevrolet

Robert Evans | 616-575-9629 | bevans@bergerchevy.com

2020 Chevrolet Silverado 1500 (CC10903) 2WD Reg Cab 140 Work Truck - Oscoda Township (Complete)

Selected Model and Options

MODEL

CODE	MODEL
CC10903	2020 Chevrolet Silverado 1500 2WD Reg Cab 140" Work Truck

COLORS

CODE	DESCRIPTION
G7C	Red Hot

OPTIONS

CODE	DESCRIPTION
E63	Durabed, pickup bed (STD)
FE9	Emissions, Federal requirements
LV3	Engine, 4.3L EcoTec3 V6 with Active Fuel Management, (285 hp [212 kW] @ 5300 rpm, 305 lb-ft of torque [413 Nm] @ 3900 rpm) (STD) *GROSS*
MYC	Transmission, 6-speed automatic, electronically controlled (STD)
C5U	GVWR, 6800 lbs. (3084 kg) (STD) (Requires 2WD model with (LV3) 4.3L EcoTec3 V6 engine or (L3B) 2.7L Turbo engine or Double Cab or Regular Cab 2WD model and (L82) 5.3L EcoTec3 V8 engine.)
GU6	Rear axle, 3.42 ratio
1WT	Work Truck Preferred Equipment Group includes standard equipment
Q5U	Wheels, 17" x 8" (43.2 cm x 20.3 cm) Bright Silver painted aluminum
QBN	Tires, 255/70R17 all-season, blackwall (STD)
QBR	Tire, spare 255/70R17 all-season, blackwall (STD) (Included with (QBN) 255/70R17 all-season, blackwall tires.)
G7C	Red Hot
A52	Seats, front 40/20/40 split-bench (STD)
H1T	Jet Black, Cloth seat trim
IOR	Audio system, Chevrolet Infotainment 3 system 7" diagonal color touchscreen, AM/FM stereo. Additional features for compatible phones include: Bluetooth audio streaming for 2 active devices, voice command pass-through to phone, Apple CarPlay and Android Auto capable. (STD)
—	Option/package discount (Requires (LV3) 4.3L EcoTec3 V6 engine, (L3B) 2.7L Turbo engine or (PEB) WT Value Package.) *DISCOUNT*
PEB	WT Value Package includes (PCV) WT Convenience Package and (Z82) Trailering Package (Not available with (ZLQ) WT Fleet Convenience Package or (ZW9) pickup bed delete.) *GROSS*

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Data Version: 11392. Data Updated: Jul 12, 2020 10:09:00 PM PDT.



Berger Chevrolet

Robert Evans | 616-575-9629 | bevans@bergerchevy.com

2020 Chevrolet Silverado 1500 (CC10903) 2WD Reg Cab 140 Work Truck - Oscoda Township (✓)
Complete)

OPTIONS

CODE	DESCRIPTION
PCV	WT Convenience Package includes (AQQ) Remote Keyless Entry, (QT5) EZ Lift power lock and release tailgate, (AKO) tinted windows, (C49) rear-window defogger, (K34) cruise control, (DLF) power mirrors; Regular Cab models also include (AXG) power windows, express up/down driver, (AED) power windows, express down passenger and (AU3) power door locks (When ordered with (PQA) WT Safety Package, (DLF) power mirrors include (UKC) Lane Change Alert with Side Blind Zone Alert and (DP6) high-gloss mirror caps. Not available with (ZLQ) WT Fleet Convenience Package. (DLF) mirrors are upgradeable to (DPO) trailer mirrors.)
Z82	Trailer Package includes trailer hitch, 7-pin and 4-pin connectors and (CTT) Hitch Guidance (Included with (PEB) WT Value Package.)
JL1	Trailer brake controller, integrated (Requires (Z82) Trailering Package. On Regular Cab models requires (PCV) WT Convenience Package, (ZLQ) WT Fleet Convenience Package or (PEB) WT Value Package.)
V46	Bumper, front chrome (Requires (VJH) Chrome rear bumper and (E63) Durabed, pickup bed. Included with (PQA) WT Safety Package.)
VJH	Bumper, rear chrome (Requires (V46) Chrome front bumper. Included with (PQA) WT Safety Package.)
DLF	Mirrors, outside heated power-adjustable (Included and only available with (PCV) WT Convenience Package or (ZLQ) WT Fleet Convenience Package. When (PQA) WT Safety Package is ordered, includes (DP6) high gloss Black mirror caps.)
AKO	Glass, deep-tinted (Included with (PCV) WT Convenience Package.)
QT5	Tailgate, gate function manual with EZ Lift, includes power lock and release (Included and only available with (PCV) WT Convenience Package or (ZLQ) WT Fleet Convenience Package.)
VV4	4G LTE Wi-Fi Hotspot capable (Included and only available with (UE1) OnStar.)
—	Compass located in instrument cluster (Included and only available with (UE1) OnStar.)
AXG	Window, power front, drivers express up/down (On Regular Cab model, included and only available with (PCV) WT Convenience Package or (ZLQ) WT Fleet Convenience Package.)
AED	Window, power front, passenger express down (On Regular Cab model, included and only available with (PCV) WT Convenience Package or (ZLQ) WT Fleet Convenience Package.)
AU3	Door locks, power (On Regular Cab models, included and only available with (PCV) WT Convenience Package or (ZLQ) WT Fleet Convenience Package.)
AQQ	Remote Keyless Entry, with 2 transmitters (Included and only available with (PCV) WT Convenience Package or (ZLQ) WT Fleet Convenience Package.)
K34	Cruise control, electronic with set and resume speed, steering wheel-mounted (Included with (PCV) WT Convenience Package or (ZLQ) WT Fleet Convenience Package.)
C49	Defogger, rear-window electric (Included with (PCV) WT Convenience Package.)
UE1	OnStar and Chevrolet connected services capable (Included with (PEF) Work Truck 2.7L Fleet Package.)
—	Chevrolet Connected Access capable (Included and only available with (UE1) OnStar.)
CTT	Hitch Guidance (Included and only available with (Z82) Trailering Package.)

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Berger Chevrolet

Robert Evans | 616-575-9629 | bevans@bergerchevy.com

2020 Chevrolet Silverado 1500 (CC10903) 2WD Reg Cab 140 Work Truck - Oscoda Township (Complete)

OPTIONS

CODE	DESCRIPTION
R9Y	Fleet Free Maintenance Credit This option code provides a credit in lieu of the free oil changes, tire rotations and inspections for one maintenance service during 1st year of ownership. The invoice will detail the applicable credit. The customer will be responsible for all oil change, tire rotations and inspections costs for this vehicle. (Requires one of the following Fleet or Government order types: FBC, FBN, FCA, FCN, FEF, FLS, FNR or FRC. Not available with FDR order type.) *CREDIT*

Options Total

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Berger Chevrolet

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2020 Chevrolet Silverado 1500 (CC10903) 2WD Reg Cab 140 Work Truck - Oscoda Township (Complete) (✓)

Standard Equipment

Mechanical

Engine, 4.3L EcoTec3 V6 with Active Fuel Management, (285 hp [212 kW] @ 5300 rpm, 305 lb-ft of torque [413 Nm] @ 3900 rpm) (STD)

Transmission, 6-speed automatic, electronically controlled (STD)

Rear axle, 3.42 ratio

Durabed, pickup bed (STD)

GVWR, 6800 lbs. (3084 kg) (STD) (Requires 2WD model with (LV3) 4.3L EcoTec3 V6 engine or (L3B) 2.7L Turbo engine or Double Cab or Regular Cab 2WD model and (L82) 5.3L EcoTec3 V8 engine.)

Rear wheel drive

Cooling, external engine oil cooler (Not available with (L3B) 2.7L Turbo engine.)

Battery, heavy-duty 730 cold-cranking amps/70 Amp-hr, maintenance-free with rundown protection and retained accessory power (Included and only available with (LV3) 4.3L EcoTec3 V6 engine.)

Alternator, 170 amps

Frame, fully-boxed, hydroformed front section

Steering, Electric Power Steering (EPS) assist, rack-and-pinion

Brakes, 4-wheel antilock, 4-wheel disc with DURALIFE rotors

Brake lining wear indicator

Capless Fuel Fill

Exhaust, single outlet

Exterior

Wheels, 17" x 8" (43.2 cm x 20.3 cm) Ultra Silver painted steel (STD)

Tires, 255/70R17 all-season, blackwall (STD)

Tire, spare 255/70R17 all-season, blackwall (STD) (Included with (QBN) 255/70R17 all-season, blackwall tires.)

Tire carrier lock, keyed cylinder lock that utilizes same key as ignition and door (Deleted with (ZW9) pickup bed delete.)

Bumpers, front, Black (semi-gloss)

Bumpers, rear, Black (semi-gloss)

CornerStep, rear bumper

Cargo tie downs (12), fixed rated at 500 lbs per corner (Deleted with (ZW9) pickup bed delete.)

Grille (Black bars and mesh inserts.)

Headlamps, halogen reflector with halogen Daytime Running Lamps

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Berger Chevrolet

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2020 Chevrolet Silverado 1500 (CC10903) 2WD Reg Cab 140 Work Truck - Oscoda Township (✔ Complete)

Exterior

Lamps, cargo area, cab mounted integrated with center high mount stop lamp, with switch in bank on left side of steering wheel

Taillamps, with incandescent tail, stop and reverse lights

Mirrors, outside manual, Black

Glass, solar absorbing, tinted

Door handles, Black

Tailgate and bed rail protection cap, top

Tailgate, locking utilizes same key as ignition and door (Upgraded to (QT5) EZ Lift power lock and release tailgate when (ZLQ) WT Fleet Convenience Package or (PCV) WT Convenience Package is ordered.)

Tailgate, gate function manual, no EZ Lift (Deleted with (ZW9) pickup bed delete.)

Entertainment

Audio system, Chevrolet Infotainment 3 system 7" diagonal color touchscreen, AM/FM stereo. Additional features for compatible phones include: Bluetooth audio streaming for 2 active devices, voice command pass-through to phone, Apple CarPlay and Android Auto capable. (STD)

Audio system feature, 2-speaker system (Requires Regular Cab model.)

Bluetooth for phone, connectivity to vehicle infotainment system

Interior

Seats, front 40/20/40 split-bench (STD)

Seat trim, Vinyl

Seat adjuster, driver 4-way manual

Seat adjuster, passenger 4-way manual

Floor covering, rubberized-vinyl (Not available with LPO floor liners.)

Steering wheel, urethane

Steering column, Tilt-Wheel, manual with wheel locking security feature

Instrument cluster, 6-gauge cluster featuring speedometer, fuel level, engine temperature, tachometer, voltage and oil pressure

Driver Information Center, 3.5" diagonal monochromatic display

Exterior Temperature Display located in radio display

Windows, manual (Requires Regular Cab model.)

Door locks, manual (Requires Regular Cab model.)

Power outlet, front auxiliary, 12-volt

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Berger Chevrolet

Robert Evans | 616-575-9629 | bevans@bergerchevy.com

2020 Chevrolet Silverado 1500 (CC10903) 2WD Reg Cab 140 Work Truck - Oscoda Township (Complete)

Interior

USB port, located on instrument panel

Air conditioning, single-zone

Mirror, inside rearview, manual tilt

Assist handles front A-pillar mounted for driver and passenger, rear B-pillar mounted

Safety-Mechanical

StabiliTrak, stability control system with Proactive Roll Avoidance and traction control, includes electronic trailer sway control and hill start assist

Safety-Exterior

Daytime Running Lamps with automatic exterior lamp control

Safety-Interior

Airbags, dual-stage frontal airbags for driver and front outboard passenger; Seat-mounted side-impact airbags for driver and front outboard passenger; Head-curtain airbags for front and rear outboard seating positions; Includes front outboard Passenger Sensing System for frontal outboard passenger airbag (Always use seat belts and child restraints. Children are safer when properly secured in a rear seat in the appropriate child restraint. See the Owner's Manual for more information.)

Rear Vision Camera (Deleted with (ZW9) pickup bed delete.)

Teen Driver a configurable feature that lets you activate customizable vehicle settings associated with a key fob, to help encourage safe driving behavior. It can limit certain available vehicle features, and it prevents certain safety systems from being turned off. An in-vehicle report card gives you information on driving habits and helps you to continue to coach your new driver

Tire Pressure Monitoring System with Tire Fill Alert (does not apply to spare tire)

WARRANTY

Warranty Note: <<< Preliminary 2020 Warranty Note >>>

Basic Years: 3

Basic Miles/km: 36,000

Drivetrain Years: 5

Drivetrain Miles/km: 60,000

Drivetrain Note: HD Duramax Diesel: 5 Years/100,000 Miles; Qualified Fleet Purchases: 5 Years/100,000 Miles

Corrosion Years (Rust-Through): 6

Corrosion Years: 3

Corrosion Miles/km (Rust-Through): 100,000

Corrosion Miles/km: 36,000

Roadside Assistance Years: 5

Roadside Assistance Miles/km: 60,000

Roadside Assistance Note: HD Duramax Diesel: 5 Years/100,000 Miles; Qualified Fleet Purchases: 5 Years/100,000 Miles

Maintenance Note: 1 Year/1 Visit

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Data Version: 11392. Data Updated: Jul 12, 2020 10:09:00 PM PDT.

TODD WENZEL BUICK GMC of WESTLAND

35100 FORD RD
WESTLAND, MI 48185

ALBERT LI

Fleet / Municipal Sales

Ph (734) 721-1144 x 4265 Fax (734) 467-7181

aclixx@hotmail.com

State of Michigan MiDeal Contract # 071B7700184

MiDeal Spec # 0082-LDT

Oscoda Township DPW Pricing

(MiDeal Pricing)

2021 GMC Sierra 1500 Reg Cab 4x2 Pickup

6800# GVWR	Gas / Auto Trans	Reg Cab 8' Pickup Box	
SPEC 0082 - 2021 GMC Sierra 1500 Reg Cab 4x2			\$ 21,774.00
ZLQ – Pwr Locks/Windows/Htd Mirrors/Keyless Entry			\$ 1,169.35
G80 – HD Locking Rear Differential			\$ 359.45
Z82 – HD Trailering Package			\$ 359.45
V76 – Front Tow Hooks			\$ 45.50
		Sub-Total	\$ 23,707.75
SBL – Spray-On Bedliner (Rhino Lining, UTR)			\$ 589.00
DEL – Delivery per MiDeal to Oscoda, MI			\$ 380.00
		Total	\$ 24,676.75

Options:

L82 – 5.3L Gas V8 w/ 6-Speed Auto Trans	+ \$	1,269.45
RC5 – LT265/70R17 All-Terrain Tires	+ \$	359.45
JL1 – Integrated Trailer Brake Controller	+ \$	250.25
9L7 – Upfitter's Switches	+ \$	136.50
H1T – Cloth Seat Trim	+ \$	75.00

Prices Quoted are for a MiDeal Factory Order.
FOB Oscoda, MI



Todd Wenzel Buick-GMC and Chevrolet


Albert Li | (734) 713-1065 | ali@toddwenzel.com

Vehicle: [Fleet] 2020 GMC Sierra 1500 (TC10903) 2WD Reg Cab 140" (✔ Complete)

Price Summary

PRICE SUMMARY

	MSRP
Base Price	\$29,600.00
Total Options	\$80.00
Vehicle Subtotal	\$29,680.00
Destination Charge	\$1,595.00
Grand Total	\$31,275.00

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Data Version: 11466. Data Updated: Jul 22, 2020 10:51:00 PM PDT.



Todd Wenzel Buick-GMC and Chevrolet

Albert Li | (734) 713-1065 | ali@toddwenzel.com

Vehicle: [Fleet] 2020 GMC Sierra 1500 (TC10903) 2WD Reg Cab 140" (✔ Complete)

Selected Model and Options

MODEL

CODE	MODEL
TC10903	2020 GMC Sierra 1500 2WD Reg Cab 140"

COLORS

CODE	DESCRIPTION
GAZ	Summit White

OPTIONS

CODE	DESCRIPTION
E63	Pickup bed
FE9	Emissions, Federal requirements
LV3	Engine, 4.3L EcoTec3 V6 with Active Fuel Management
MYC	Transmission, 6-speed automatic, electronically controlled
GU6	Rear axle, 3.42 ratio
1SA	Work Truck Preferred Equipment Group
RD6	Wheels, 17" x 8" (43.2 cm x 20.3 cm) painted steel, Silver
QBN	Tires, 255/70R17 all-season, blackwall
GAZ	Summit White
A52	Seats, front 40/20/40 split-bench.
H2G	Jet Black, Vinyl seat trim
IOR	Audio system, GMC Infotainment System with 7" diagonal color touch-screen, AM/FM stereo
—	Option/Package Discount
ZLQ	Fleet Convenience Package
Z82	Trailer Package
G80	Differential, heavy-duty locking rear
V76	Recovery hooks, front, frame-mounted, Black
DLF	Mirrors, outside heated power-adjustable
QT5	Tailgate, gate function manual with EZ Lift
AXG	Windows, power front, drivers express up/down
AED	Window, power front, passenger express down

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Todd Wenzel Buick-GMC and Chevrolet


Albert Li | (734) 713-1065 | ali@toddwenzel.com

Vehicle: [Fleet] 2020 GMC Sierra 1500 (TC10903) 2WD Reg Cab 140" (✔ Complete)

OPTIONS

CODE	DESCRIPTION
AU3	Door locks, power
AQQ	Remote Keyless Entry
K34	Cruise control, steering wheel-mounted
CTT	Hitch Guidance
R9Y	Fleet Free Maintenance Credit.
VQ1	Fleet processing option

Options Total

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Todd Wenzel Buick-GMC and Chevrolet

Albert Li | (734) 713-1065 | ali@toddwenzel.com

Vehicle: [Fleet] 2020 GMC Sierra 1500 (TC10903) 2WD Reg Cab 140" (✔ Complete)

Standard Equipment

Mechanical

Engine, 4.3L EcoTec3 V6 with Active Fuel Management (285 hp [212 kW] @ 5300 rpm, 305 lb-ft of torque [413 Nm] @ 3900 rpm) (Requires (MYC) 6-speed automatic transmission.) (STD)

Transmission, 6-speed automatic, electronically controlled with overdrive and tow/haul mode. Includes Cruise Grade Braking and Powertrain Grade Braking (Included and only available with (LV3) 4.3L EcoTec3 V6 engine or (L82) 5.3L EcoTec3 V8 engine.) (STD)

Pickup bed (STD) (Deleted when (ZW9) pickup bed delete is ordered on Regular Cab models.)

GVWR, 6800 lbs. (3084 kg) (Requires 2WD model with (LV3) 4.3L EcoTec3 V6 engine, 2WD Crew Cab or Double Cab models with (L3B) 2.7L Turbo engine or Double Cab or Regular Cab 2WD model and (L82) 5.3L EcoTec3 V8 engine.) (STD)

Rear axle, 3.42 ratio

Rear wheel drive

Cooling, external engine oil cooler (Not available with (L3B) 2.7L Turbo engine.)

Alternator, 170 amps

Battery, heavy-duty 730 cold-cranking amps/70 Amp-hr, maintenance-free with rundown protection and retained accessory power (Included and only available with (LV3) 4.3L EcoTec3 V6 engine.)

Frame, fully-boxed, hydroformed front section

Cargo tie downs (12), fixed, rated at 500 lbs per corner

Steering, Electric Power Steering (EPS) assist, rack-and-pinion

Brakes, 4-wheel antilock, 4-wheel disc with DURALIFE rotors

Capless Fuel Fill

Exhaust, single outlet

Exhaust, aluminized stainless-steel muffler and tailpipe

Exterior

Wheels, 17" x 8" (43.2 cm x 20.3 cm) painted steel, Silver (STD)

Tires, 255/70R17 all-season, blackwall (STD)

Wheel, 17" x 8" (43.2 cm x 20.3 cm) full-size, steel spare

Tire, spare 255/70R17 all-season, blackwall (Included with (QBN) 255/70R17 all-season, blackwall tires.)

Tire carrier lock keyed cylinder lock that utilizes same key as ignition and door (Deleted with (ZW9) pickup bed delete.)

Bumper, front chrome lower (Requires (VJH) rear chrome bumper and (E63) pickup bed. Required with (UD7) Rear Park Assist.)

Bumper, rear chrome with bumper CornerSteps (Requires (V46) front chrome bumper and (E63) pickup bed.)

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Todd Wenzel Buick-GMC and Chevrolet

Albert Li | (734) 713-1065 | ali@toddwenzel.com

Vehicle: [Fleet] 2020 GMC Sierra 1500 (TC10903) 2WD Reg Cab 140" (✔ Complete)

Exterior

- CornerStep, rear bumper
- Grille (Chrome surround with Black mesh.)
- Headlamps, LED reflector with incandescent turn signals and LED signature Daytime Running Lamps
- Taillamps, LED tail and stop light with incandescent reverse light
- Mirrors, outside manual, Black
- Glass, solar absorbing, tinted
- Lamps, cargo area, cab mounted integrated with center high mount stop lamp, with switch in bank on left side of steering wheel.
- Tailgate, standard (Deleted with (ZW9) pickup bed delete.)
- Tailgate, gate function manual, no lift assist (Deleted with (ZW9) pickup bed delete.)
- Tailgate and bed rail protection caps, top
- Tailgate, locking utilizes same key as ignition and door
- Door handles, Black grained

Entertainment

- Audio system, GMC Infotainment System with 7" diagonal color touch-screen, AM/FM stereo with seek-and-scan and digital clock, includes Bluetooth streaming audio for music and select phones; featuring Android Auto and Apple CarPlay capability for compatible phones (STD)
- Audio system feature, 2-speakers in front doors (Requires Regular Cab model.)
- Bluetooth for phone connectivity to vehicle infotainment system

Interior

- Seats, front 40/20/40 split-bench. (STD)
- Seat adjuster, driver 4-way manual
- Seat adjuster, passenger 4-way manual
- Floor covering, rubberized-vinyl (Not available with LPO floor liners.)
- Steering column, Tilt-Wheel, manual with wheel locking security feature
- Steering wheel, urethane
- Instrument cluster, 6-gauge cluster featuring speedometer, fuel level, engine temperature, tachometer, voltage and oil pressure
- Driver Information Center, 3.5" diagonal monochromatic display
- Exterior Temperature Display, located in radio display
- Brake lining wear indicator

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Albert Li | (734) 713-1065 | ali@toddwenzel.com

Vehicle: [Fleet] 2020 GMC Sierra 1500 (TC10903) 2WD Reg Cab 140" (✔ Complete)

Interior

Windows, manual (Standard on Regular Cab model. Crew Cab and Double Cab models have power windows standard.)

Door locks, manual (Requires Regular Cab model.)

USB port, located on instrument panel

Power outlet, front auxiliary, 12-volt

Air conditioning, single-zone

Mirror, inside rearview, manual tilt

Assist handles front A-pillar mounted for driver and passenger, rear B-pillar mounted

Safety-Mechanical

StabiliTrak, stability control system with Proactive Roll Avoidance and traction control, includes electronic trailer sway control and hill start assist

Safety-Interior

Daytime Running Lamps LED signature lighting

Airbags, Dual-stage frontal airbags for driver and front outboard passenger; Seat-mounted side-impact airbags for driver and front outboard passenger; Head-curtain airbags for front and rear outboard seating positions; Includes front outboard Passenger Sensing System for frontal outboard passenger airbag (Always use seat belts and child restraints. Children are safer when properly secured in a rear seat in the appropriate child restraint. See the Owner's Manual for more information.)

Rear Vision Camera (Deleted with (ZW9) pickup bed delete.)

Teen Driver mode a configurable feature that lets you activate customizable vehicle settings associated with a key fob, to help encourage safe driving behavior. It can limit certain available vehicle features, and it prevents certain safety systems from being turned off. An in-vehicle report card gives you information on driving habits and helps you to continue to coach your new driver

Tire Pressure Monitoring System with Tire Fill Alert (does not apply to spare tire)

WARRANTY

Basic Years: 3

Basic Miles/km: 36,000

Drivetrain Years: 5

Drivetrain Miles/km: 60,000

Drivetrain Note: HD Duramax Diesel: 5 Years/100,000 Miles; Qualified Fleet Purchases: 5 Years/100,000 Miles

Corrosion Years (Rust-Through): 6

Corrosion Years: 3

Corrosion Miles/km (Rust-Through): 100,000

Corrosion Miles/km: 36,000

Roadside Assistance Years: 5

Roadside Assistance Miles/km: 60,000

Roadside Assistance Note: HD Duramax Diesel: 5 Years/100,000 Miles; Qualified Fleet Purchases: 5 Years/100,000 Miles

Maintenance Note: 1 Year/1 Visit

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2021 GMC SIERRA LD AVAILABLE PAINT COLORS

The Following Colors are Standard Paint Colors and are No Charge

GAZ Summit White

The Following Colors are Non-Metallic Paint Colors and are \$ 177.45 Additional

GBA Onyx Black

G7C Cardinal Red

The Following Colors are Optional Metallic Paint Colors and are \$450.45 Additional

G9K Satin Steel Metallic

GAN Quicksilver Metallic

GA0 Pacific Blue Metallic

GJI Dark Sky Metallic

GNK Brownstone Metallic

The Following Colors are Municipal Paint Colors for this Model and are \$475.00 Additional:
(Not Available on 1500 Crew Cab Models)

9V5 Woodland Green

9W3 Wheatland Yellow

9W4 Tangier Orange



September 4, 2020

Todd Dickerson
Economic Improvement Director
Charter Township of Oscoda
110 State Street
Oscoda Township, MI 48750

via email: tdickerson@oscodatownshipmi.gov

RE: Tax Abatement Policy Consulting

Dear Todd:

The attached final proposal to revise Oscoda Township's tax abatement policy. This proposal is a response to the Request for Proposals sent out on August 28, 2020. I look forward to assisting Oscoda Township in meeting its economic development goals.

Sincerely,

A handwritten signature in black ink, appearing to read "Rob Bacigalupi".

Rob Bacigalupi, AICP

Proposal

for: Charter Township of Oscoda
Tax Abatement Policy Update

date: September 4, 2020



by: Mission North, LLC



Table of Contents

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Understanding of the Work

The Charter Township of Oscoda approved an industrial tax abatement policy in 2011 to assist with the redevelopment of its industrial areas. The Township seeks consulting services to update its industrial tax abatement policy and explore abatements for commercial development downtown. The Township also desires assistance in streamlining its development review process. These needs are communicated in the Request for Proposals, Charter Township of Oscoda, Tax Abatement Policy Consulting, which is hereby made a part of this proposal.

Approach

For work on the tax abatement policy, Mission North will leverage industry relationships to identify best practices in other communities. We will provide an inventory and description of tools found in state legislation related to tax abatements for industrial and downtown environments. These state enabling acts will include, for example, P.A 198 of 1974 (Plant Rehabilitation and Industrial Development Districts), P.A. 146 of 2000 (Obsolete Properties Rehabilitation Act), and P.A 147 of 1992 (Neighborhood Enterprise Zone Act).

Mission North will analyze the Township's development entitlement process and facilitate discussions of options that simplify the process for developers while protecting the interests of neighboring residents and businesses. Our experience with the Michigan Economic Development Corporation's Redevelopment Ready Community best practices will help guide these efforts.

Mission North will work efficiently and expediently. We will coordinate with Township officials to establish a timely project schedule while meeting the Township's needs for notice and preparation.

Scope of Work

Based on our understanding of the project, Mission North submits the following work and services scope:

1. **Kickoff and Fact-Finding**

Establish schedule, identify needs and tools.

Tasks

- a. Conduct an on-site kickoff meeting with local leaders to set the project schedule, identified key contacts, and discuss the Township's entitlement process.
- b. Conduct interviews with Northern Michigan industrial businesses to identify tax criteria for site selection.
- c. Research the most recent tax abatement tools as it may apply to the Township, and provide a summary that can be used in decision-making.
- d. Summarize abatement policies from at least three similar communities.
- e. Create a graphic showing the current development approval process.

Deliverables: Summary of Michigan tax abatement tools. and abatement policies from comparable communities; development approval process graphic.

2. **Engagement**

Seek feedback on abatement tools and development process improvements.

Tasks

- a. Conduct a public meeting where the development process and tax incentives are presented for feedback.
- b. Meet with local leaders, including Township representatives, to debrief feedback and establish a task list for process and tax incentive changes.
- c. Revise the development process graphic based on consensus from the engagement process.

- d. Develop recommendations, if desired, for zoning amendments to accomplish the desired development process streamlining.

Deliverables: Draft development process graphic, and memo with recommended zoning changes.

3. Finalize Development Process and Tax Incentive Policy

Facilitate the approval of the incentive policy and formalize the streamlined development process

Tasks

- a. Present draft abatement policy to the Economic Improvement Committee for consideration of a recommendation.
- b. Assist Assessor in drafting resolution(s) necessary for establishing new/amended abatements.
- c. Present recommended abatement policy to the Township Board for consideration of approval.
- d. Conduct on-site training for members of the Township Board of Trustees, Planning Commission, Economic Improvement Committee, and Zoning Board of Appeals.

Deliverable: Amended Industrial Tax Abatement Policy and new Commercial Tax Abatement Policy.

Project Fee

The fee for the scope of work is **\$6,820.**

Qualifications

Mission North, LLC

Mission North was created in 2007 by husband and wife team Rob Bacigalupi and Leslie Sickterman. Over the years, Mission North has served downtown organizations big and small, cities, townships, and private clients. After 19 years of working full time for the Traverse City Downtown Development Authority (DDA), Rob departed in December 2017 to focus on Mission North full time. During Rob's tenure at the DDA, downtown Traverse City gained national attention for quality of life, economic growth, placemaking, and livability.

Mission North works for communities in Northern Michigan and beyond, and the developers who build there. At Mission North, Rob has helped cities and towns with economic development plans, market studies, urban design, parking/mobility studies, and zoning reform. He has also worked with developers with project packaging, entitlements, incentives, and financial analysis.

Rob recently completed five market studies through the Michigan Economic Development Corporation's Redevelopment Ready Program. All of these studies conducted in Alpena, Battle Creek, Eastpointe, Mount Pleasant, and Petoskey addressed commercial and housing potential.

Summaries of selected similar projects, and a resume for Rob Bacigalupi, AICP, are attached.

Rob Bacigalupi, AICP

rob@missionnorthmi.com

(231) 883-7266

SUMMARY:

Economic development expert who helped grow the Midwest's most celebrated destination towns

EXPERIENCE:

Principal, Mission North Consulting, Traverse City, MI

Dec 2017-Present

Relaunched business with focus on serving downtown organizations and developers.

- Assisted three communities envision, analyze, and market landmark properties in their downtown
- Completed two market studies for communities wanted to spur redevelopment in their cities
- Conducted parking study and helped a seasonal downtown develop a strategy for growth
- Developed parking management strategy for downtown Kalamazoo, Michigan
- Helped a downtown development authority board prioritize strategies for its business corridor

Executive Director

Traverse City Downtown Dev. Authority, Traverse City, MI

Jan 2014-Dec. 2017

Oversaw a staff of 20, also served as Executive Director of the Downtown Traverse City Association. Developed new vision for the DDA and restructured staff to carry out this new direction, focussing organization on data driven decisions.

- Developed Housing Strategy for downtown Traverse City
- Conducted planning process and prepared a development and tax increment financing plan for Traverse City's Old Town district
- Conducted a Transportation Demand Management (TDM) study for downtown and residential neighborhoods
- Coordinated market study to help drive policy on housing and economic development initiatives
- Executed community outreach program including developing a video and conducting neighborhood meetings
- Implemented a series of improvements to downtown's Warehouse District, including Traverse City's first shared street, Garland Street

Deputy Director

Traverse City Downtown Dev. Authority, Traverse City, MI

October 1998-Dec. 2013

Carried out downtown development plan resulting in 19% boost in office space over 9 years, managed recruitment and retention efforts, helped secure over \$8,700,000 in State funding for economic development projects.

- Was part of team that planned, funded and managed construction for two public parking garages and a major renovation of the historic City Opera House
- Built the only LEED-certified parking garage in Michigan
- Wrote and executed five TIF plan amendments
- Served on the Northwest Michigan Council of Governments Business Enhancement Team

Senior Planner, McKenna Associates, Inc, Northville, MI

August 1997-Oct. 1998

Provided professional planning and zoning service to over 20 public and private clients in Michigan, handled third largest client for firm.

Director, Planning & Economic Dev., City of Hazel Park, MI **June 1993-August 1997**
 Supervised staff of three, administered City's CDBG program, oversaw \$6 million roadway reconstruction, reviewed over 110 site plans.

EDUCATION:

Harvard University, Graduate School of Design, Cambridge, MA **June 2018**
Urban Retail: Essential Planning, Design and Management Practices

University of Denver, Daniels College of Business, Denver, CO **August 2007**
Masters, Real Estate & Construction Management Honor Roll
 Participated in East Asia delegation visiting ten cities in eight countries, member of Alpha Sigma Gamma International Real Estate Honorary Society.

Michigan State University, East Lansing, MI **May 1990**
Bachelor of Science, Urban Planning Honor Roll

TECHNOLOGY:

Proficient with MS Office, Google Docs, Mac productivity apps, QGIS, Filemaker, social media and website management.

SELECTED AFFILIATIONS:

- Bay Area Transportation Authority, Board Member **2000-2017**
 - Served as Chair
- City Opera House Heritage Association, Board Member **2014-2017**
 - Served as Secretary
- Governor's Complete Streets Advisory Council **2014-2016**
- Michigan Downtown Association **2000-2005**
 - Served as Chair

SELECTED PRESENTATIONS:

- Networks Northwest Regional Downtown Summit, Kalkaska, MI, August 2018
 - Presented "Strategic Approached for Downtowns" including economic fundamentals and best practices, then helped facilitate strategic planning for three downtowns
- Michigan Downtown Association Conference, Monroe, MI, June 2018
 - Presented "How to Create a Project Financing Strategy"
- SABIT Delegation, Traverse City, MI, October 2017
 - Helped develop itinerary for delegation of economic development professionals and academics from Georgia, Kazakhstan, Kyrgyzstan, Moldova, Russia, Tajikistan and Ukraine
 - Presented overview of economic development and parking for downtown Traverse City
- Networks Northwest Housing Summit, Traverse City, MI, October 2016
 - Helped organize conference including raising sponsorships
 - Presented the Traverse City Downtown Development Authority's 2106 Housing Strategy
- Michigan Association of Planning, Mackinac Island, MI, October 2014
 - Presented: "The Parking Addiction: 12 Step Program to Address Parking in a Healthy Way"

Project: Mount Pleasant Market Study, 2020

Highlights:

- Prepared a market study for a bank-owned property in downtown Mount Pleasant working as a subconsultant to Smith Group.
- Addressed the rental and owner housing, retail, and office markets.
- Tested the feasibility of rental housing as the primary use in a mixed-use concept.
- Part of a larger package that will be used to market the property.



Contact:

- Jacob Kain, City Planner, City of Mount Pleasant:
office: (989) 779-5346
cell: (989) 600-2034



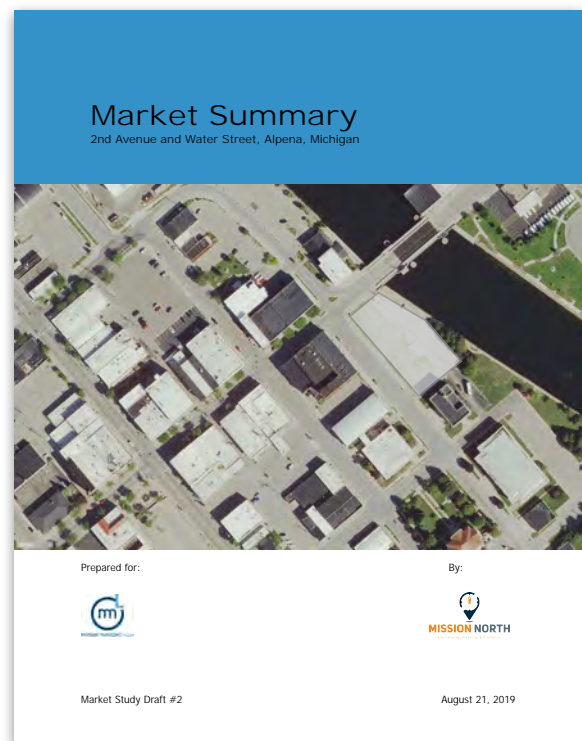
Project: Alpena Predevelopment Assistance, 2019

Highlights:

- Assisted the city develop marketing materials for a Alpena Area Chamber-owned parcel downtown.
- Conducted market study addressing rental and owner-occupied residential as well as retail.
- Generated three site concepts for review by city and owner representatives who selected a preferred vision for the property.
- Drafted a project pro forma showing how the preferred vision could be financially feasible.

Contact:

- Adam Poll, Executive Director/CEO Alpena Area Chamber of Commerce:
office: (989) 354-4181



Project: Charter Township of Filer DDA Development Plan Update, 2019

Highlights:

- Gathered input from business community on needs in the DDA district.
- Facilitated strategic planning with the DDA Board to prioritize projects.
- Analyzed the property tax performance of the client community versus other communities in the county.
- The revised plan greatly broadened the usefulness of Filer Township’s TIF revenue, including adding the ability to fund broadband and purchase key properties for redevelopment.

Exhibit E - Contemplated Improvements

Map	Category	Description ¹	Estimated Completion ²
A	Gateway Signs	Place two gateway signs on US-31 at both ends of core commercial district, and two on Merkey Road at east and west side of district.	2019
B	Improve Aesthetics Along 28th Street	Facade improvements and streetscapes along 28th Street.	2020
C	Public Water Supply Improvements	Install certain public water supply system improvements, including a possible, additional added water tower and related equipment, so as to improve the Township water supply system as located within the District and elsewhere in the Township.	2021
C	Western Park Project	Mixed-use development with workforce housing, retail township park including a wetland, village green and new town hall.	2021
D	East US-31 Pedestrian Improvements	Establish walks from neighborhood to US-31, eliminate curb cuts along US-31, add sidewalks along east side of US-31, establish mid-block crosswalk with new linear park just north of the Bungalow, and create strong pedestrian crossings on US-31 at 12th Street, Merkey Road/28th Street, and Red Apple Road.	2022
E	US-31 Access Drive and Walkway	Shared access system serving businesses on the West side of US-31 between Red Apple Road and the Days Inn Manistee.	2023
F	Snowmobile Connector	Roadway crossings and dedicated way connecting Manistee Lake/Stronach with staging behind the Days Inn.	2026
G	School Pond Park and Connecting Greenways	Public open space along north boundary of DDA District, with passive recreation, green corridor with pedestrian path connecting Grand Avenue and US-31 at School Pond Park, and green path between Kosciusko Street, US 31 and School Pond Park.	2027

Contact:

- Tamara Buswinka, AICP, DDA Director:
 phone: (231) 723-3138
 email: L44Planners@gmail.com



2020 Website Design & Content Development Services Bid Tabulation

Digital 55 LLC	
Four (4) Copies of Sealed Proposals	X
Two (2) Flash Drives	X
Narrative	X
Methodology	X
Project Cost	\$16,900 Not to exceed \$20,000 \$300 monthly maintenance
CivicPlus LLC	
Four (4) Copies of Sealed Proposals	X
Two (2) Flash Drives	X
Narrative	X
Methodology	X
Project Cost	Year One Investment \$10,000 Year Two Investment \$2,500 \$2,500 annually
Revize Government Websites	
Four (4) Copies of Sealed Proposals	X
Two (2) Flash Drives	X
Narrative	X
Methodology	X
Project Cost	\$8,215 \$1,800 annually

TITLE: REQUEST FOR PROPOSAL:

Oscoda Township Website Design Services

DUE DATE: 5:00 p.m., Thursday 13 August, 2020

Website RFP PROPOSAL FOR

Oscoda Township, Michigan

Prepared by Joseph J. Nagrant
150 Kirks Blvd., Suite B, Troy, MI 48084
Ph: +1 248-766-9562 Fax: +1 866-346-8880
www.revize.com August 10, 2020
Pricing good for 60 days

Revize is a Minority Owned Business in Michigan

Revize Michigan Clients!

- City of Petoskey, MI www.petoskey.us
- Barry County, MI www.barrycounty.org
- Benzie County, MI www.benzieco.net
- Gogebic County, MI www.gogebiccountymi.gov
- Kalkaska County, MI www.kalkaskacounty.net
- East Bay Township, MI www.eastbaytwp.org
- Milford Township, MI www.milfordtownship.com
- Plymouth Township, MI www.plymouthtwp.org
- City of Auburn Hills, MI www.auburnhills.org
- City of Berkley, MI www.berkleymich.org
- City of Kentwood, MI www.kentwood.us
- City of South Lyon, MI www.southlyonmi.org
- City of Troy, MI www.troymi.gov
- And Nearly 200 More!

Dear Aaron Weed, Tammy Kline, Ryan Madis, and the Oscoda Township Board of Trustees,

Thank you for considering Revize as your web development partner. For nearly two decades, Revize has been a leader in providing high quality, government-compliant web solutions. Located in Troy, Michigan we have launched hundreds of government websites nationwide, including nearly 200 right here in Michigan, a myriad of industry awards and hundreds of satisfied clients stand as testament to the quality and value of our work.

Every member of the Revize team understands that your website is more than a website. It's a valuable resource that can help you build a better community.

Visitors are drawn to websites that are appealing yet functional, user friendly with a plethora of services, and accessible on a wide range of devices. A Revize website will allow your residents and businesses to easily fill out and submit documents, review and pay bills and taxes, perform searches to answer frequently asked questions and perform a suite of other tasks that would otherwise require staff assistance. What's more, a Revize website will enable you to increase staff productivity and decrease costs by reducing off-line departmental operations.

Some of our great clients in include:

- The City of New Bern, NC www.newbernnc.gov
- Saginaw County, MI www.saginawcounty.com
- City of Grosse Pointe Park, MI www.grossepointepark.org
- The City of Troy, MI www.troymi.gov
- The City of Cedar Rapids, IA www.cedar-rapids.org
- And Many More!

We will work closely with you to design and develop a dynamic, functional and easy to navigate website that will perfectly fit your community. Then we empower you to control your digital presence with the industry's best administrative management applications. Revize training ensures that your team has the skills needed to expertly update and manage website content and delivery.

Government clients select Revize because we can help them

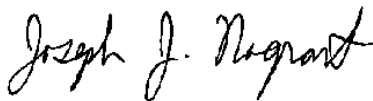
- Effectively engage residents.
 - Enhance their web presence and build an online communications center.
 - Empower non-technical web content editors and administrators to easily execute changes.
 - Implement a scalable solution that allows them to affordably grow their web presence for the long term.
-

“Revize Websites build engagement
with your constituents.”

We have worked hard to establish a reputation for creating online community websites that engage, inform, and increase participation of your community. With our help, your community’s website can serve your residents better, inspire them more, and get them actively involved in your township government.

Please contact me if you have any questions at all.

Sincerely,



Joseph J. Nagrant
Business Development Director
+1 248-766-9562
Joseph.Nagrant@revize.com

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Vendor Minimum Qualifications

At a minimum, contractors shall meet the following qualifications:

1. Have been in the business providing web design for a minimum of four years.

Revize: Revize has been building government websites for over 20 years.

2. Have proven expertise in responsive website design/mobile website design for mobile/tablet

Revize: Revize was the very first government website vendor to standardize on responsive website design/mobile website design over 7 years ago.

3. The ability to add and change content is very important, therefore a user-friendly manager that offers the technical capability to add said content to each website.

Revize: Revize is known in the industry to having the easiest web content editing software for non-technical government staff. Clients brag that as long as you know up to 5% knowledge of MS Word and you can read, you don't have to take our Revize training. But please do!

4. Provide training and access to Township staff to make content changes.

Revize: Absolutely, and re-training is provided free of charge.

5. Respond to technical difficulties within a specified, reasonable amount of time.

Revize: Yes, please examine our service level agreement performance list.

6. Have provided such services for at least three clients. Provide references.

Revize: Please review our government project experience starting on page 11 and our government client reference list on page 18. You will be impressed.

7. Must not have outstanding debt with Oscoda Township.

Revize: Revize has no outstanding debt with Oscoda Township, MI.

Executive Summary

Thank you for considering Revize Software Systems for your new website project. We understand the importance of this undertaking and know how motivated your government/community is to selecting the right vendor; one who will work with you through all the steps required to build the perfect website featuring a plethora of high quality online services that your constituents will want to use regularly. In more than two decades of working with government leaders, as well as through nationwide surveys, we have learned that the key to choosing a website vendor is finding the right balance between the total cost of the solution and the quality of the design, online apps and user functionality. In simpler terms, you need a solution that works for you and serves your constituents.

About Us

Having launched nearly 1,800 government clients nationwide, Revize Software Systems is one of the industry's leading providers. We credit our rapid growth to our 20-year track record of building award-winning government websites and content management systems. When you work with Revize, you're not just a client, you become part of the Revize family and will receive the service and support you need and expect! We are among the most highly respected government website experts in the United States and we proudly stand by our work.

Our Innovative Responsive Web Design (RWD) and Web Apps

Revize has been a pioneer in implementing the latest trends in design by using Responsive Web Design (RWD). This technology ensures that site visitors have an optimal viewing experience — easy reading and navigation with a minimum of resizing, panning, and scrolling — across a wide range of devices, from desktop monitors to mobile phones. RWD provides flexible and fluid website layouts that adapt to almost any screen. When you implement a dynamic new website powered by Revize, you will not only get an outstanding look, layout and navigation, but you also receive 24/7 access to our Government Communication Center for residents, business and visitors.

Here you will find the communication tools you need such as

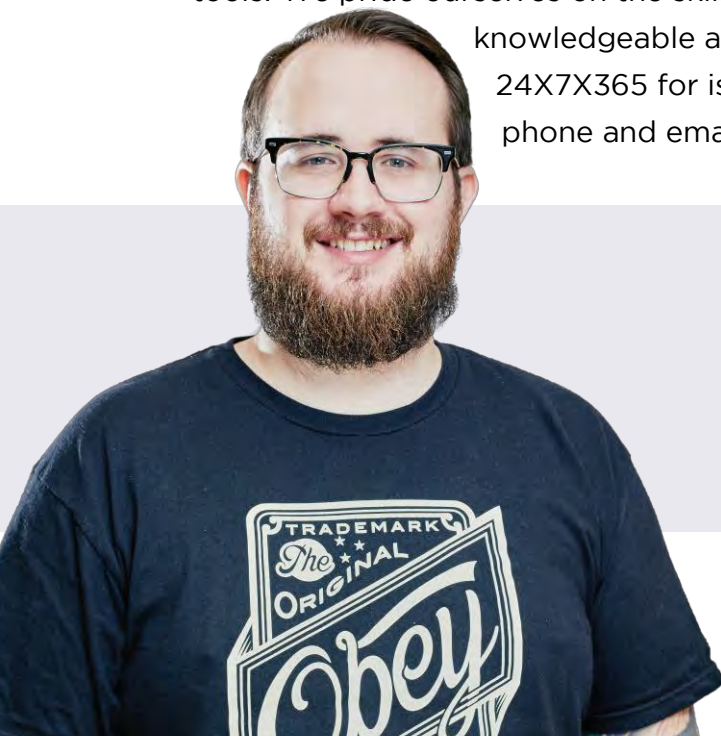
- Public Service Request App
- Calendar of Events
- E-Notification Modules
- On-Line Payment Portal
- Facilities Reservations
- News Center with Facebook/Twitter Integration
- Emergency Alerts
- Online Forms / Survey Tools
- E-Newsletter Applications
- Job Posting and Tracking Module
- Public Records Request Track

Our Award-Winning Government CMS

Revize is renowned as a leader in providing practical, high-value, easy to use content management software Government CMS. This simple-to-use yet powerful solution enables clients to manage their online presence with high functionality and style. With applications such as an online document center, public service request app, public records request tracker, agendas and minutes, frequently asked questions and more, Revize ensures that our clients have the tools they need to make information and services available for website users at the click of a mouse.

Quick Deployment, Personalized Training and Support

Revize addresses time concerns by completing websites in considerably less time than our competitors. And because our software is so easy to use, we are also able to effectively train our clients in less than half the time it takes our competitors. Our training program is customized based on each client's needs, and we provide hands on training the way you want it - either onsite or off site through web conferencing tools. We pride ourselves on the skills of our support staff, who are responsive, knowledgeable and helpful. Our online support portal is available 24X7X365 for issue tracking and management. We also provide phone and email support during regular business hours.



Did you know?

Our technical support staff are trained developers. When you call for tech support, you'll be speaking to staff with direct knowledge of development!

Company Profile

FOUNDED

1995

HEADQUARTERS150 Kirts, Suite B
Troy, MI 48084**PHONE**

248-269-9263

WEB SITEwww.revize.com

Revize Software Systems was founded in June, 1995 as a "new media" development company specializing in the creation of interactive web design, multimedia content delivered on CD-ROM, and video production. Since then, Revize has made an unsurpassed name for itself in the web/internet industry as THE master of government website design, which remains our specialty. We now boast more than 1,800 clients in North America and have created acclaimed website designs for hundreds of municipalities and counties, as well as government departments and agencies. In September, 1996 as the Internet was becoming a world-wide reality, Revize began developing a Web Content Management System (CMS) for the government market to enable non-technical contributors to quickly and easily update content on their websites. The result was the creation of our state-of-the-art Revize Government CMS. Our mission has always been to enhance the communications of government organizations nationwide with their varied and valued audiences. This is based on our vision statement, which reads:

“The empowerment of people through simplified information management technologies.”

Focused exclusively on creative web design, government web apps and content management technologies, Revize continues to invest in its technology, continually adding new capabilities and features that manifest our vision. While many municipalities choose Revize to develop and cost-effectively manage their website

content, clients also use Revize as an information-sharing platform. Our suite of Revize Government web-based solutions has proven valuable as a powerful technology that empowers clients to build and maintain sophisticated web sites, all while using the Internet and internal Intranets/Extranets to acquire, analyze, process, summarize and share information – ensuring that the right people always have the right information at the right time.

“We are proud of our award winning web designs, technologies, continued innovations to build government centric modules and apps, web content management, training and support capabilities. We are especially proud of being recognized as one of the industry’s top government website experts and innovators. We are committed to pursuing the continued evolution of all our services to provide increased value to our government clients.”

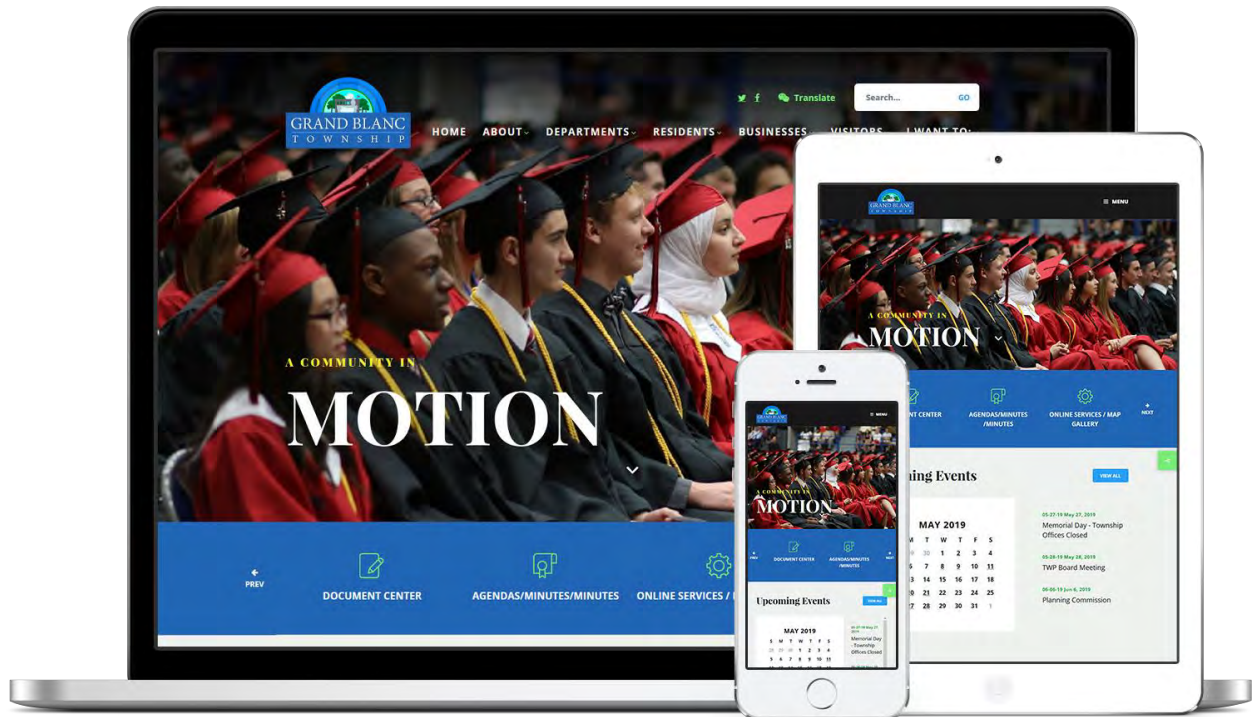


Did you know?

Revize has won national awards for our websites!

Government Project Experience

Grand Blanc Township, Michigan
Revize/DOD/BS&A Client
www.twp.grand-blanc.mi.us



Details:

Grand Blanc Township, MI is a long time Revize client since 2014. They signed on with over five years ago and have been happy ever since. We actually just launched their brand new redesign that was completely free in year five after signing a new five year service agreement! We would provide that to Oscoda Township as well! They really wanted to make this design look completely different while also maintaining certain elements from their old website as well as make it easier to find information. We did just that! Easy to find and helpful quick links, a vibrant color scheme, and a mobile friendly design really rounds out this local Revize website.

Dexter, Michigan

www.dextermi.gov



Details:

The City of Dexter is now up and live with their newly redesigned site. Dexter has many departments with varying levels of needs on the website. The success of any city/township website relies on balancing these departmental needs, whilst showcasing a unified vision. In this website, we did just that. While respecting the City's history, we also designed the site to towards innovation. Users will notice that they can easily find the most important online services without having to search through line after line of text. This website is the perfect mix of functionality and design!

Vienna Township, Michigan

www.viennatwp.com

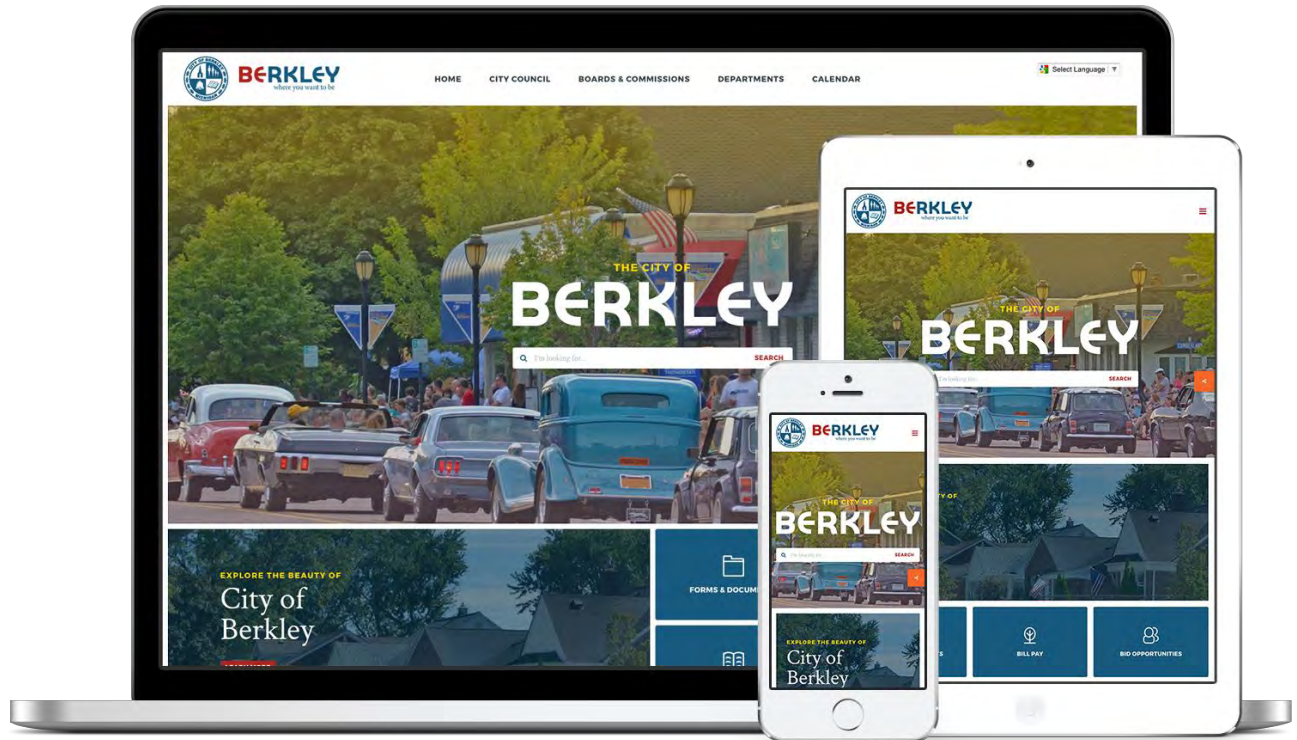


Details:

Vienna Township is a township of just under 14,000 residents and is just miles from the City of Frankenmuth. The township a design unlike any township out there. In addition, this site features a little more scrolling than you may notice on more traditional websites. That is a good thing! Users are now, more than ever, viewing websites on their hand-held devices. Some estimates say this is as high as 60% of all internet usage! With more scrolling we are able to give the user a lot of information, without having to squeeze it into such a small space. We use images, icons, and interactive features to create an experience for the user. This type of design also allows us to extend the township's brand in a way that is unmatched in the industry!

City of Berkley, Michigan

www.berkleymich.org

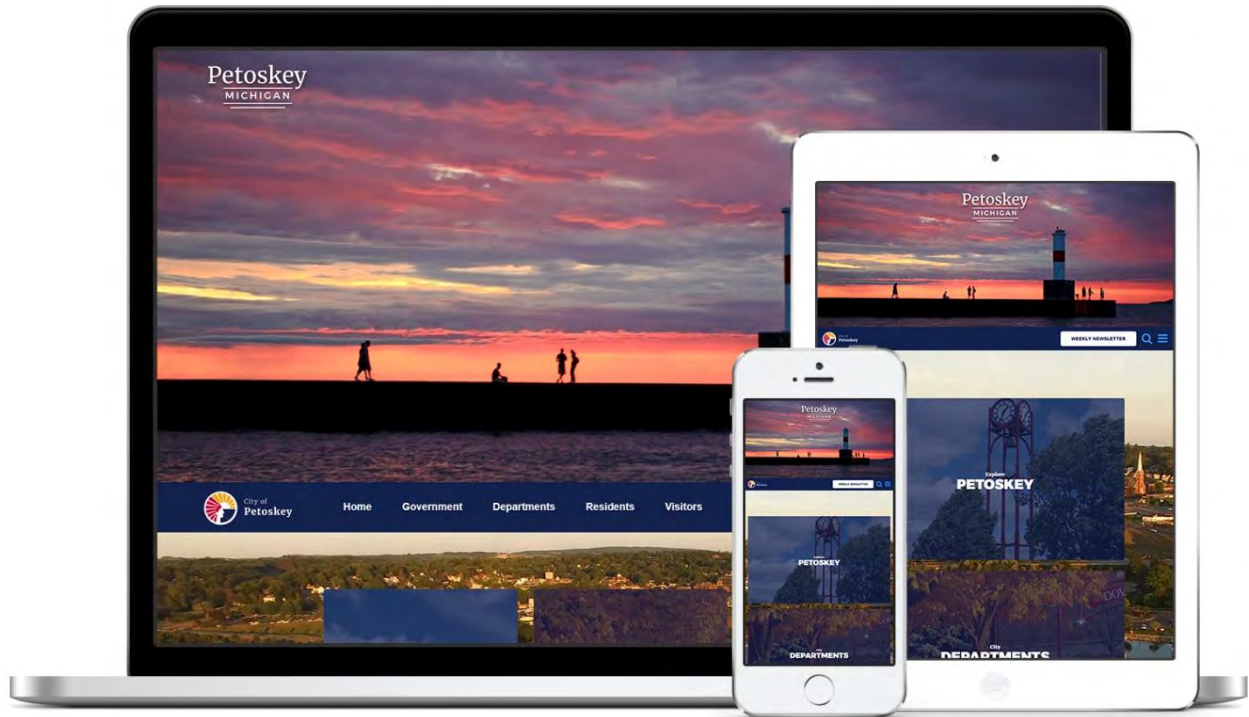


Details:

The City of Berkley is a longtime Revize client. This website was recently redesigned in 2017 to highlight all of what Berkley has to offer. The design does not overburden the user with too much content. It separates that content into different focus areas. This lets the residents get information in a way that is much more of an experience. The straightforward news and events feature images that promote click-through. With the Revize CMS this City is able to quickly and easily update the website in just a few clicks!

Petoskey, Michigan

www.petoskey.us

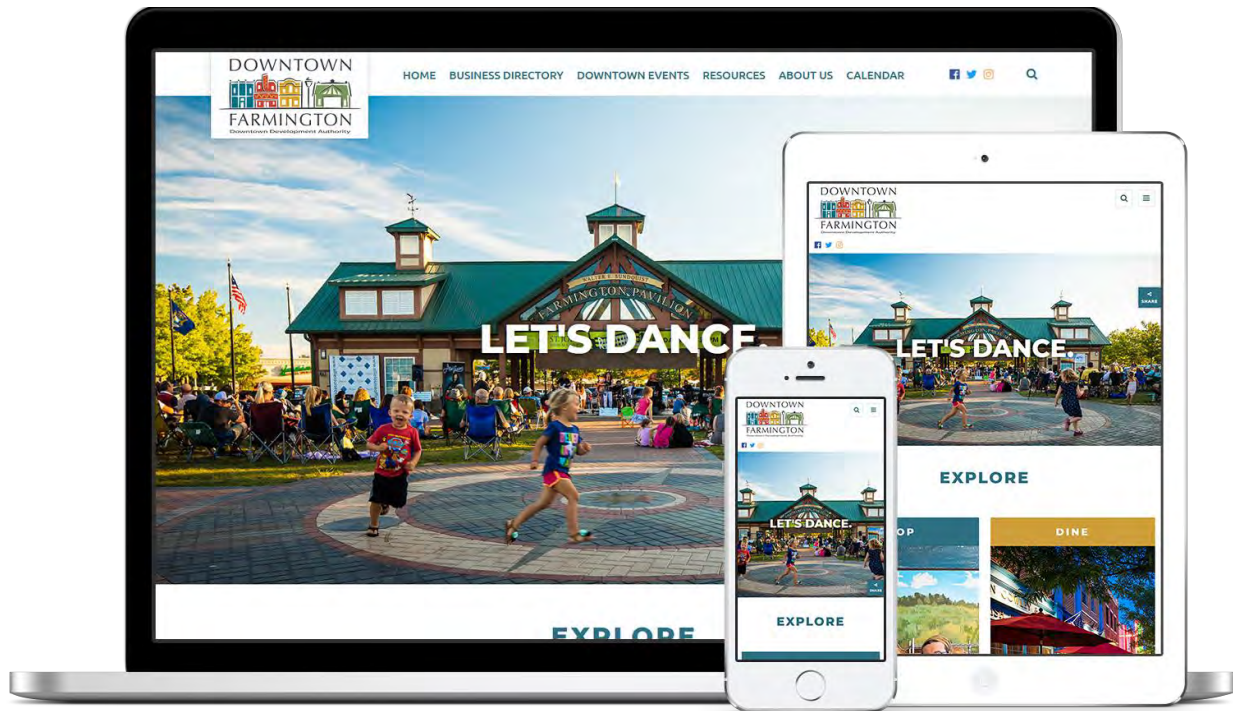


Details:

The City of Petoskey wanted a municipal government website that is not only a government website but also be a little bit of a tourism website as well. This website brings together an amazing design with a full suite of web apps to engage their constituents. Smooth transitions from the home page to interior pages of this website allow users to find exactly what they are looking for easily. This website looks great on a mobile phone and web visitors are not afraid to use it to its fullest. The website not only functions as an city information center but has special SEO attraction for interested individuals outside their geography with easy navigation!

Farmington Downtown Development Authority, Michigan

www.downtownfarmington.org

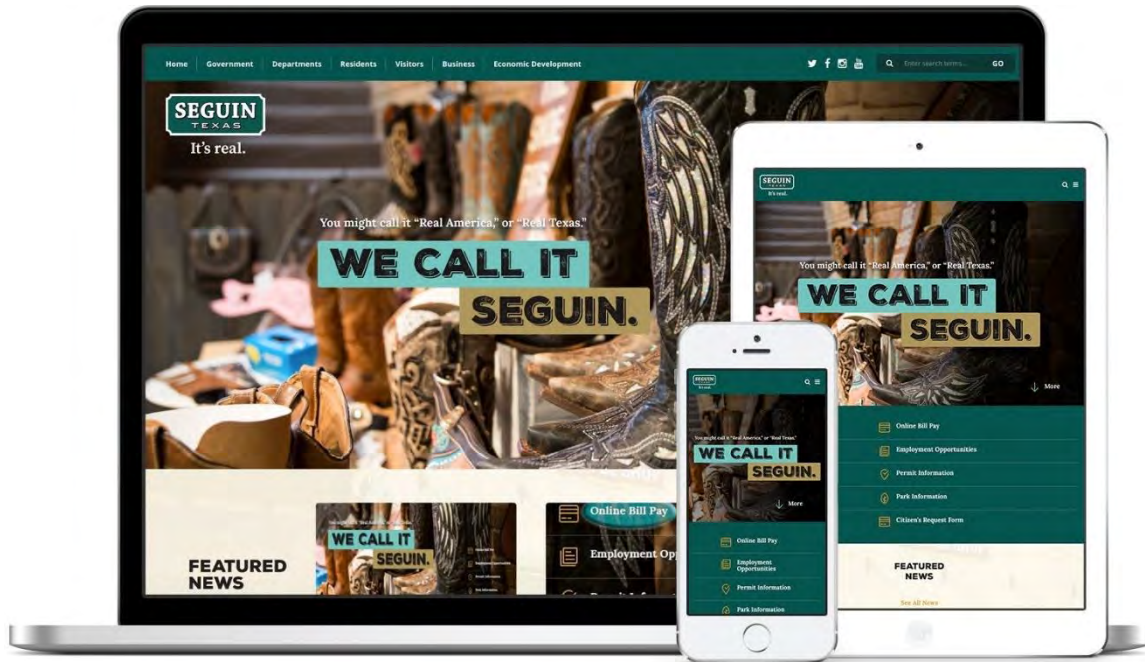


Details:

Farmington, Michigan is the classic friendly metropolitan suburb community with something to offer everyone. The Farmington Downtown Development Authority needed a website designed to increase customer traffic to their stores, restaurants and office buildings. We did the design/integration/launch work and their staff was with us every step of the way. Inner pages are flexible to allow the business directory and topic areas to have dedicated pages with a cohesive feel across all pages. Social media feeds from Instagram, Flickr, Facebook, Twitter, and YouTube. This website not only has increased revenue for their members but is an elite representation of the power and beauty of the Revize process.

The City of Seguin, Texas

www.seguintexas.gov



Details:

The City of Seguin, Texas is a clear example of how we adapt to our clients' needs and custom tailor our process. During our on-site discovery meeting in Seguin, we determined that, in addition to the city website, there were some overarching goals of economic development and increasing the library's presence online. Therefore, instead of "shoehorning" those departments in the main City website, we built a new City website, EDC website, Visitors website, and Library website, all with a similar brand but a unique design. Our focus is to help achieve the goals of our clients. While we cannot guarantee this type of addition, we are always looking for ways to deliver more than our clients expect!

- www.seguintexas.gov
- www.seguinedc.com
- library.seguintexas.gov
- www.visitseguin.com

Government Account References

Client: City of Wylie, TX

Craig Kelly, Public Information Officer

Office: (972) 516-6016

Email: craig.kelly@wylietexas.gov

Website: www.ci.wylie.tx.us

Client: Grand Blanc Township, MI

Robbie Beller, GIS Coordinator

Office: (810) 424-2658

Email: beller@twp.grand-blanc.mi.us

Website: www.twp.grand-blanc.mi.us

Client: Pittsfield, MA

Scott Connors, IT Administrator

Phone: (413) 499-9405

Email: sconnors@pittsfieldch.com

Website: www.cityofpittsfield.org

Client: City of Treasure Island, FL

Mark Santos, Communications & IT Director

Phone: (727) 547-4575 x 234

Email: msantos@mytreasureisland.org

Website: www.mytreasureisland.org

Client: York Township, MI

Charles Tellas, Township Supervisor

Office: (734) 439-8842 x1

Email: ctellas@twp-york.org

Website: www.twp-york.org

Client: City of Dexter, MI

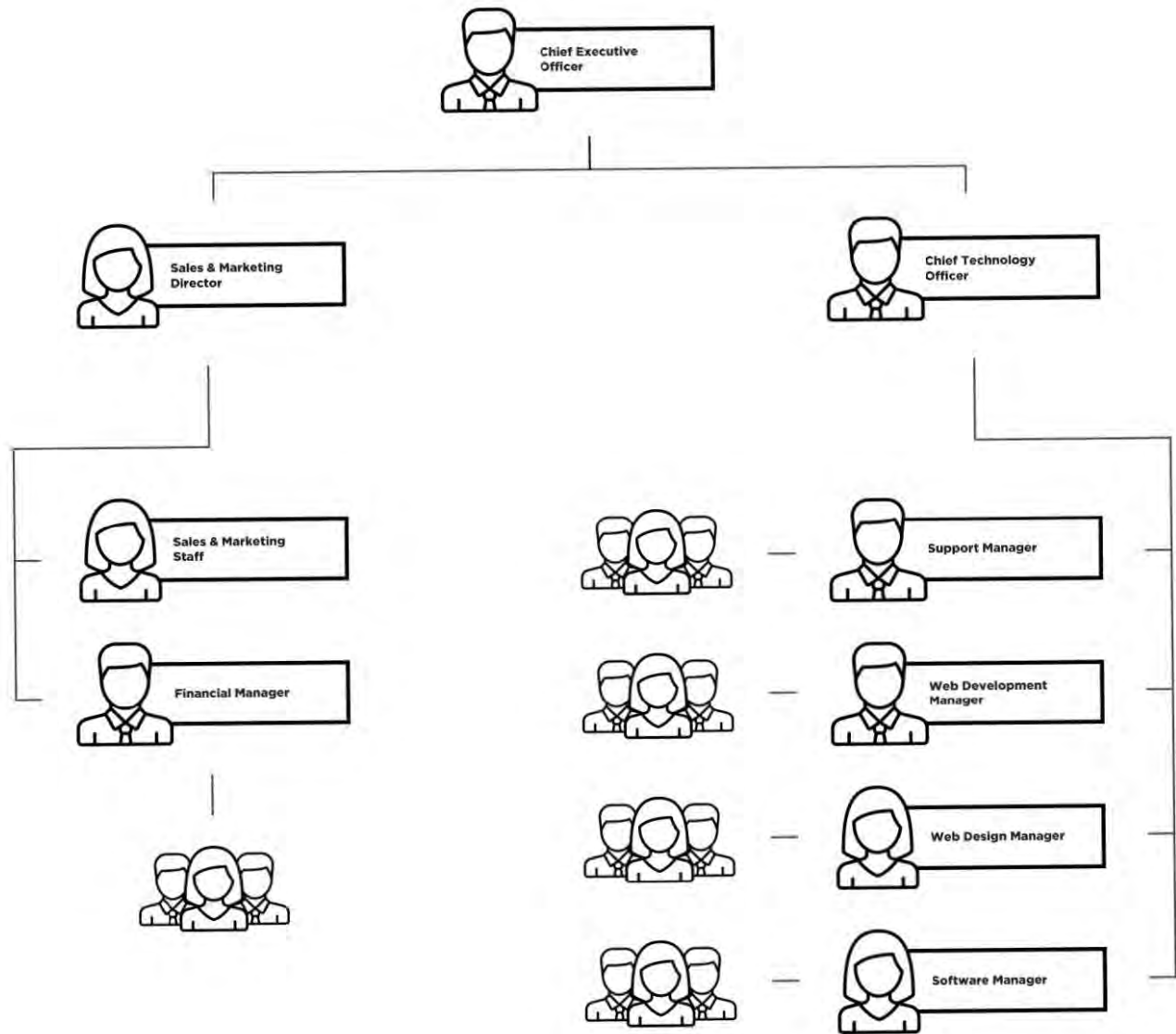
Justin Breyer, MPA, MiPMC, City Clerk and Assistant to the City Manager

Office: (734) 580-2234

Email: jbreyer@dextermi.gov

Website: www.dextermi.gov

Revize Organization Chart



Why Choose Revize?

We Have Government Specific Experience and Outstanding Client Testimonials

You can rely on Revize and our 20 years of experience building and maintaining websites for municipal, county and government agencies of all sizes throughout North America, to deliver a customized site design that improves layout, navigation, usability and content. Using Revize ensures that your website will be reliable, W3C and ADA compliant, and allow for easy integration with existing or future web applications and third-party software. But there's no need to take our word for it -- we encourage you to peruse our massive file of testimonials from our many satisfied clients.

We Will Build a Government Communication Center that Works for Your Community!

The Revize website design, Government CMS and interactive tool sets have been developed exclusively for our government clients to help them effectively communicate with their key target audiences such as residents, businesses and visitors. Some of our most popular website and Government applications and modules include: a new and improved Online Calendar, the comprehensive Forms Center, our News Center with real-time social media connectivity, Emergency Alerts, E-Notifications, Citizen Request Tracker, Parks & Shelter Reservations System, Document Center, and Online Payment Portal.

**“We Build Superior Technology
into Every Website with CMS
Performance & Reliability That’s
Second to None.”**

What sets Revize apart from other companies? Revize's superior technical architecture, unsurpassed staff expertise and highly effective publishing engine provide our government clients with the most reliable website solutions in the industry today. By ensuring our client's data security and providing redundant server architecture and back-up data centers, Revize has a nearly 100% up-time rate. Plus, our clients never have to worry about data loss or data corruption because of our instantaneous back-up process and our data center's tape back-up processes. Revize believes that investing a higher percentage of our profits into our technology and security makes us the best choice for the short and long term for governments seeking the best value for their community's website.

“We Always Provide Knowledgeable, Friendly and Responsive Service!”

All this, and a reliable IT partner too! Our website development is superior, and our Government CMS and suite of online apps is easy to learn and administer, but our 24/7 technical support will also be there for you to help you get over the hurdles! Our technical support team is widely considered to be among the industry's best. We also provide a sophisticated backup infrastructure which allows us to guarantee 99.99 percent uptime. Plus regular updates and improvements to ensure that your site will remain current with industry standards and keep running smoothly for years to come. The Client Owns the CMS License and the Code!

We often hear the question: “What happens if we want to move the website to another vendor? Do we lose all access or any of our website data?” The answer is 100% NO! As our client, you own the template source code, the CMS, and any data that you put onto the website. We understand that clients may come and they go, but we always make sure they know they are just as important to us at the end of our tenure as they were at the beginning. If you decide to run the CMS in your own server, we can transfer the CMS license and software to your server as you own the license and you can run it from your server as long as you want.

Top Ten Reasons Why Revize gives you the Greatest Value!

- Modern, timeless and unique website design integrated with online Government apps
- On-time delivery
- Competitive pricing
- Responsible stewardship of the organization's stakeholders
- Full functionality to update and manage your website
- All the tools/apps needed to increase communications with citizens
- An easy CMS to train employees quickly
- Extended phone and email support
- Unlimited Upgrades: Revize provides unlimited FREE upgrades to new and existing modules at no additional cost to you.
- Unlimited Upgrades: Revize provides unlimited upgrades to new and existing modules at no additional cost to you. Once you invest in Revize, you will receive free upgrades and feature enhancements for life.

“The Revize responsive website design is second to none for us providing an excellent experience for the growing number of residents, visitors and businesses accessing WylieTexas.gov on mobile devices. Our website’s progressive look captures the vibrant culture of our community.

— Craig Kelly, Public Information Officer, City of Wylie, TX



Did you know?

Revize CMS is one of the most advanced CMS in the government web design industry with over 20 years of development.

Awards & Accolades

We were thrilled with the outcome of our website redesign project. The Revize team was professional and responsive throughout the process.

- Tori Mathes, Communications Manager, City of Berkley, MI



The Revize Solution

Project Planning and Setup

What makes Revize unique in its project approach and experience is our thorough preparation for each individual community combined with the range of website deployments and creative, customized fit we implement for each client. From small to large, rural to urban, the Revize project management process guarantees a perfect fit between the concept of the deployment and the expectations of the client's level of engagement preferences.

We don't use a "one size fits all" approach because it doesn't make sense.

However we do use a standard, proven effective process methodology. Each client is unique and we tailor our process to fit their unique needs. For as long as you are our client you will have staff dedicated to your account and access to an on-line portal for communication, design process and on-going support.

Dedicated Accounts Manager: Your dedicated Account Manager will handle all issues related to your contract, pricing, future product add-ons, and general account satisfaction. During the initial kick-off meeting, your Account Manager will introduce you to the team, explain roles and responsibilities, and place you in the very capable hands of your Dedicated Project Manager and Designer.

Dedicated Project Manager: Your dedicated Project Manager will handle all issues related to the website design, development, navigation, content, training, timelines and deliverables, as well as ensuring that feedback and communication occurs promptly in order to keep the project on-track. Also, the dedicated project manager will be the point of contact for any future technical support or issues that need to be addressed during the deployment and post deployment of the site.

24/7/365 Project Portal Access: From day one, your project and on-going support is tracked in the Revize On-line Project Portal. The main point of contact you select for the project will receive an invitation to register, including setting up a secure user name and password. The Project Portal serves as a communication tool for any matter pertaining to your website design, development and on-going support even after your website is launched.

“We guarantee the best support in the industry that’s 24/7 365 by the trained developers & technicians”



Did you know?

Revize will provide a project portal that allows you to check in on the status of your project at any time!

Timeline

Project Timeline		
Phase	When	Duration
Phase 1: Initial Meeting, Communication Strategy, SOW	Weeks 1 thru 3	3 Weeks
Phase 2: Discovery & Design	Weeks 4 thru 8	5 Weeks
Phase 3: Template Development, CMS Integration	Weeks 9 thru 11	3 Weeks
Phase 4: Module Setup	Weeks 12 thru 14	3 Weeks
Phase 5: Custom Development	Weeks 15 thru 16	2 Weeks
Phase 6: Quality Assurance Testing	Week 17	1 Weeks
Phase 7: Sitemap Development / Content Migration	Weeks 18 thru 20	3 Weeks
Phase 8: Content Editor and Web Administrator Training on your new website, final content changes and Go Live preparation	Week 21	1 Weeks
Go-Live (Average)		17-23 Weeks



Did you know?

The project planning process is designed to fit your needs. We will adapt our timeline if your schedule requires.

Revize Project Life Cycle

Phase 1: Initial Meeting, Communication Strategy, SOW

Your Revize Account Manager will set up the initial internal project planning meeting where we will talk about the overall management of your project, establish a timeline, and devise a Revize-Client Communication Strategy that will keep everyone engaged and up-to-date on the progress of the project. We will also discuss specific technical requirements of the project and determine the phases through which those requirements will be addressed. In addition, Revize will address the content strategy of the new site, any new content that needs to be written and how to fit the existing content into the new site, Additionally, as an optional item, Revize will discuss the process of conducting online surveys to gather feedback from your constituents for the new website layout and requirements. After this meeting, Revize will develop a Statement of Work and provide it to the client for review and approval. Prior to the design kick-off meeting, you will receive our questionnaire to complete with various answers that will help our designers gather information regarding your needs and preferences. Our team will also brainstorm ideas and suggestions with you during the meeting.

The questionnaire addresses various issues such as:

- As a result of a new website design and navigation, what are the main improvements you hope to achieve?
- What are some key points and areas you may want featured on the Home Page?
- Do you need help with logo design? Image? Marketing & branding?
- What key modules do you want featured in your web site, like Document Center, Report a Request, News & Events, Events Calendar etc.
- Do you need social media features need to be highlighted in the new site? etc..

Phase 2: Discovery & Design

If there is client approval, we will collect feedback from the residents on the new design layout by setting up an online survey with a set of standard questions. The survey questions need to be approved by the client prior to our adding a link from your current website. This link can also be distributed through other channels like email, newsletter or any other form of communications you might be using to stay in touch with your residents. Usually there is a 1- to 2-week survey period.

Once survey results have been tabulated and your needs have been determined, you and your Revize team will participate in a Design Kick-Off Meeting. A senior designer and team will conduct an in-depth interview, and brainstorm ideas with you about your vision for the look and feel of your custom website. Our efforts on this project will extend far beyond placement of provided information within a stunning design. It's about uncovering how your audience wants to be informed and applying our 20+ years of web design and development expertise to create the most effective ways of displaying that information and getting users to access and use your website. We always strive for nothing less than an award winning design!

Revize Design Principles

The Revize Web Application Developers are not only responsible for the look, functionality, and performance of your website. They are also responsible for the security of the web content and web-based applications they create. They ensure that the code supports secure authentication and authorization and provides access control mechanisms as required.

Good design principles are always based on readability, taking into consideration appropriate font type and size for headlines and text area, as well as line height – ensuring all page elements are balanced. Our designers also pay meticulous attention to their use of shadows and gradients. To the layman's eye there may not appear to be a shadow, however on the website the font will appear sharper (or maybe softer depending on the amount of shadow used).

Of course, color cannot be overlooked. Our designers first take the client's preferences, official logo colors, and pictures into consideration to create a color scheme consisting of no more than three colors. We then use variants and hues to create visual appeal, contrast, eye-catching allure and invoke the overall feeling that the client desires.

Last but not least is effective use of page elements such as call to action buttons, social sharing icons, email newsletter sign-up, and promotion areas. The ultimate goal is to provide an easy to navigate webpage that is informative without being overwhelming. Therefore, it is the designer's job to guide the client in making appropriate placement choices for needed items.

Revize Design Trends

There are some exciting new design trends, and Revize is always on the cutting edge, implementing the best of these innovations in our websites. We are especially pleased at how effectively they are proving to be in increasing engagement in government websites.

#1 Responsive Web Design – The most important development in website design in years, Responsive Web Design (RWD) automatically conforms and optimizes websites for any screen size. With the substantial increase in smartphone and tablet users today, people are going online using a vast number of devices with wildly different screen sizes. Our websites offer this very important feature of easily and cleanly conforming to computer, tablet and mobile device screens.

#2 Liquified Content – This is another important trend that address the fact that information is no longer static or concrete. Instead, content is specifically customized for each unique user. Liquidity of content enhances the immediacy and flexibility of content. The more liquid your community's content, the easier it is for residents and businesses to access this information in ways and via the channels of their choice: fixed or mobile, interactive and live. Revize is able to effectively make your content liquid. This will make it adaptable to various situations and, therefore, easy to reuse in different contexts distributed for a variety of display formats and communication channels.

#3 Image Tiles – This is a trend that enables developers to display content in a pin board style of display. Revize now offers this feature, which creates a very visually appealing display of content, such as pictures or social streams. Image tiles also help promote engagement by encouraging site visitors to comment or reply to items from directly within the image tile. This is an especially useful option for web pages promoting tourism.

#4 Parallax Scrolling – This is a highly advanced, innovative design technique for sophisticated websites. Parallax Scrolling allows Revize to build websites in multiple layers, with content that moves across the screen at different speeds as visitors scroll. This unique design technique is very visually engaging and can help improve time-on-site metrics.

#5 Innovative Typography - This plays a very important role in website design, image and branding, and is especially important for maximizing the look and feel of the website when accessing it from mobile devices. Our designers are experts in effective typography and take many factors into consideration when selecting the type of fonts, font sizes, and colors to be used for a website.

#6 Social Feeds - With the proven ability to strengthen and deepen interpersonal connections, social networks present a wonderful opportunity for government organizations to increase community engagement and make governments more accessible to the people they serve. One method already mentioned for improving social activity is using pin boards; another is creating a social area or social wall that combines activity from multiple social networks, like Facebook, LinkedIn, YouTube and Pinterest. Revize offers a comprehensive line of popular social media applications and networking.

“Over the past 20 years, Revize has mastered the art of designing government websites.”

Key Phase Objectives & Deliverables:

The following steps are followed while designing new sites

- **Establish Needs and Creative Direction:** Understand your objectives and requirements, and provide recommendations for effective online branding pertinent to your requirements, existing branding and your web audience’s needs. The Revize designer will also conduct his own research in order to capture the character and “feel” of your area, which will inspire ideas for the overall design direction of the website.

- **Main Menu Navigation & Home Page Wireframes:** Work with you to establish a main-level navigational architecture and identify key items accessible from your home page. This establishes a baseline for the navigational structure, as well as the preferred content structure (wireframe*) for the home page.
- **Page Layout and module placement:** We will follow all the best practices to layout the different features and modules so that they can be easily accessed by your residents. For example, on the home page there will be sliding picture gallery and quick link buttons for Notify Me, Report a Concern, Document Center, FAQs etc. Also the news and announcements module and events calendar would be integrated into the website, along with the Social Media Center.

Please Note: The home page “wireframe” will simply serve as a realistic guideline in terms of content placement, but will not include the final text nor final imagery for this phase. Please see a sample wireframe to concept development snapshot in the next page.



Did you know?

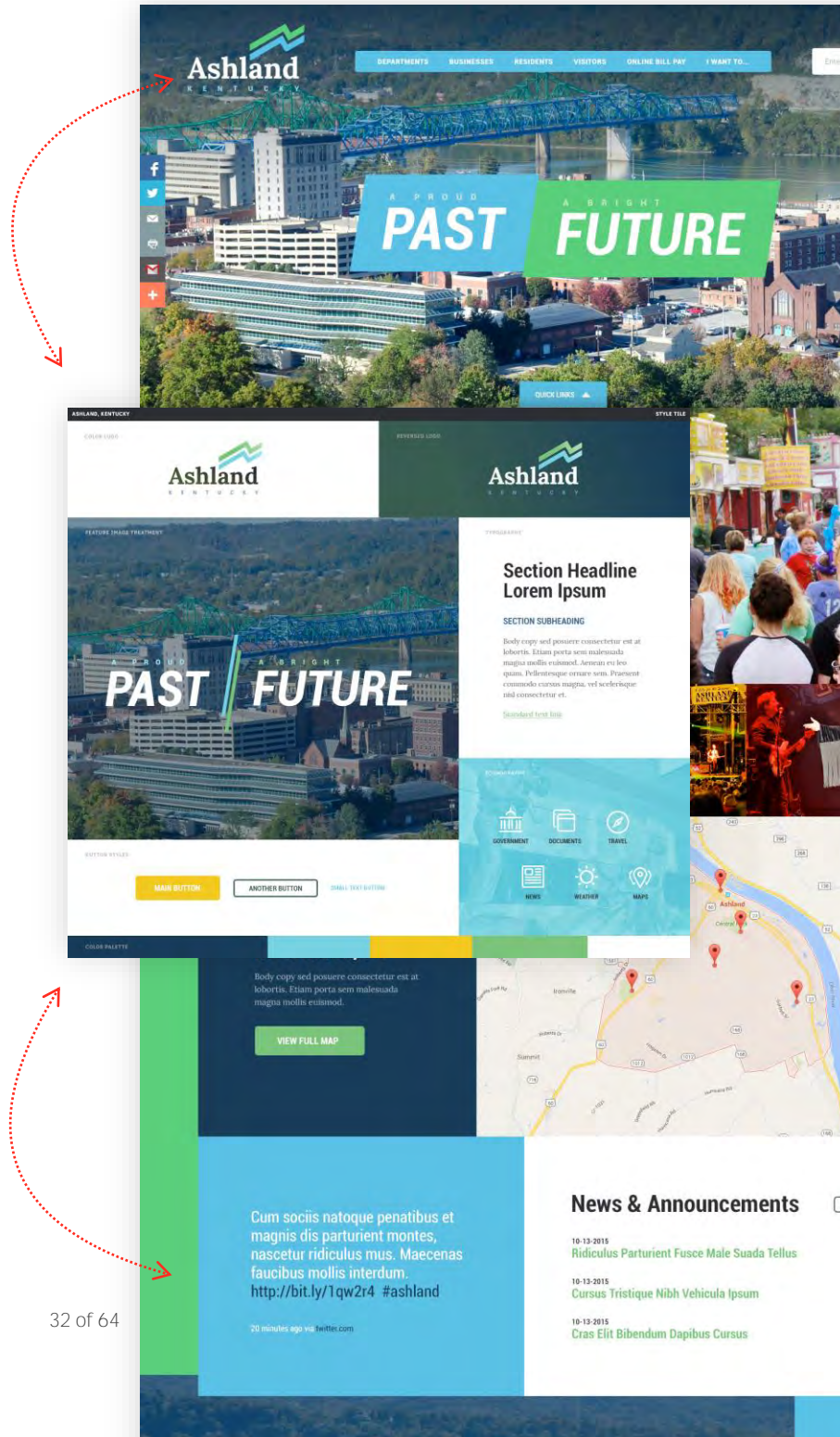
Revize will provide a 100% from scratch design with a satisfaction guarantee!

Wire Frame to Concept

- **Design Deliverable:** The design concepts for this phase will be based on one or possibly two home page layouts. The client will review and provide design feedback to the designer for changes. Revize asks that clients have no more than three iterations of changes up to the point that the final concept is approved.

- **Final Home Page Sign Off:**
When all changes have been made, Revize will present your final home page design and layout for approval. Customer approval is required to proceed to the next phase, the inner pages of the website, and the process repeats itself before the actual HTML & CSS is written.

- **Final Inner Page Sign Off:**
When all changes have been made, Revize will present your final inner page designs and layouts for approval. Customer approval is required to proceed to the next phase, when the actual HTML & CSS is written.



Phase 3: Template Development, CMS Integration

First, the Revize development team will transform the approved designs from mere pictures into fully-functioning HTML/CSS and Revize Smart Tag enabled web page templates using the Revize Dreamweaver Extension. The Revize Smart Tags are fully customizable and allow customers to expand functionality as needed. To maximize this extensibility, the full Revize Java API is provided to clients with our Advanced Training Program.

Phase 4: CMS Modules Setup

In this phase, all of the features and modules the client has requested will be set up, e.g. calendar, document center, picture galleries, alert center, e-Notify, etc. are all brought to life and made functional while also being tested in the Revize CMS. Revize enhances current modules and adds new modules continuously, and you will receive all future updates to modules at no additional cost.

Phase 5: Custom Functionality Development

In this phase and according to your specifications, custom functionality of existing CMS modules, database scripting and programming, as well as any custom application development will be executed. The Revize development team will be interfacing directly with your technical staff to obtain information and test information exchange and application functionality. This phase may overlap phases 2 - 4.

Phase 6: Quality Assurance Testing

In our testing phase, we ensure that your website meets functionality, performance and security standards. Our QA team uses mock data to test navigation and interfaces of the templates, along with any custom developed applications or modules. Additionally, through a series of tests, we perform input validation to ensure that security mechanisms cannot be bypassed if anybody tampers with data he or she sends to the application, including HTTP requests, headers, query strings, cookies, and form fields. We also ensure that when errors do occur, they are processed in a secure manner to reduce or eliminate exposure of sensitive implementation information.

Phase 7: Content Development / Content Migration

Revize will develop all of the pages for your site to make the initial content available upon site deployment. Our content development and migration experts use the latest standard formatting practices to develop the navigation and create the most effective content possible for your website. This includes spelling and style corrections into the new website.

There are no limits to the number of pages you can create after you have gone through training.

Revize will implement an effective website architecture with the latest technology and usability trends so your website visitors can find information in an instant. We will also assess your current website content and incorporate what you currently have with additional content to maximize interest and excitement for your readers. Our content experts are educated in proper writing and terminology, and will use correct grammar, spelling and punctuation.

Our web designers use creative typography which makes the website more visually appealing and also plays a role in defining the hierarchy of content to be placed on the web page. Variations in size and color are used, as well as strategic placement on the page to highlight certain site areas so the visitors can easily navigate the site. Effective typography also ensures that your website will look good on desktop, laptop, mobile and tablet devices.

Phase 8: Training Your Staff (in-person or web based training)

Once your website is ready for you to begin editing, you will be able to easily revise your content as often as needed. Revize will train you on how to operate the Administrative and Content Editor functions so you can manage your website. We typically provide this training on-site; however, we can also provide on-line training for your staff if you prefer. For your convenience, training materials can be downloaded from the Revize website. After training, our friendly and responsive support staff is always here to answer questions and provide training refreshers as needed.

Standard Training Agendas

Basic Administrator Training (How to)

- Sign-in
- Create users
- Assign roles
- Set page level permissions
- Set section level permissions
- Configure and set up workflow approval process

Content Editor Training (How to)

- Sign-in
- Edit page content
- Copy/paste content or add new
- Create a file link
- Create a link to another web page or external web site
- Create a new page and link to it
- Insert/update a picture
- Insert/update a table
- Spell check
- Save and Save as Draft
- History of the page content (content archive)
- Create a survey form or any other type of online web form
- Create navigation pages (top/left menus)
- Create new calendar and create/edit calendar events
- Edit metadata

Advanced Administrator Training (How to)

- Run back-end reports
- Run Google Analytics reports

Training on use of specific Modules included, such as

- Emergency Notification Center
- Public Service Request App
- Web Calendar
- E-Notify
- Quick Links
- Document Center
- Form Center
- News Center
- Frequently Asked Questions

- Request Center
- Bid Posting Center
- Job Posting Application
- RSS
- And more....

Revize Maintenance Covers

- 4 CMS upgrades per year
- Software and modules upgrades (Automatic Install)
- Server Hardware & OS upgrades
- Immediate bug fixes/patches
- Round the clock server monitoring
- Data Center network upgrades
- Security and antivirus software upgrades
- Firewall and router upgrades
- Bandwidth and network infrastructure upgrades
- Remote backup of all website assets
- Tape backup of all website assets
- Quarterly newsletters on major feature updates
- Regular Webinars on CMS features and usage



Did you know?

Revize has launched hundreds of municipal and county websites large and small!

Hosting Service

Revize has partnered with Amazon Web Services (AWS) and Google Cloud Service Platform (GCP) for its LIVE WEB server hosting infrastructure needs. Both AWS and GCP are industry leaders in high availability cloud server architecture, both server farm infrastructure is highly secured, scalable and redundant for 24/7/365 availability. Snapshot/Mirror Image backups of all of our cloud servers guarantees 100% data protection and recovery in case of any disaster. Also, Revize has dedicated CMS servers in two state-of-the-art physical data centers located in Chicago and Detroit. Onsite/Offsite data backups of all of our dedicated servers are scheduled nightly with R1Soft backup service. Additionally, Revize utilizes multiple Tier 1 bandwidth providers such as Level 3, Wiltel, and Cogent for redundancy and continuous connectivity. These procedures provide our clients with up to 500Mbps of fast fiber optic up-stream connectivity.

Revize hosts your web sites and web applications on redundant (3 TB Hard Drive, 3.2 GHz CPU and 32 GB RAM) servers in order to provide enhanced performance and reliability. The Revize technology architecture physically separates the CMS from the website in order to provide another layer of redundancy/security. With this model, we keep an up-to-the-minute exact duplicate of your website in the event your site must be restored. Revize support staff will simply republish your site within a guaranteed two hours (as opposed to several hours or days time frame our competitors offer).

“Revize can provide clients with unlimited data storage server space for each website.”

Revize will host both your Extranet and Intranet; your Intranet is secure and only accessible by authorized users through a login system.

There are no special software requirements to run a Revize hosted website and CMS solution. We make it all very simple. All you need is an internet connection and a browser. We also provide complete maintenance of your website, which includes but is not limited to: OS patches, intrusion prevention, antivirus, and software upgrades.

Final Phase: You Go Live!

At last, your website content is complete and your staff is sufficiently trained! The final phase in the process is to redirect your website domain name from your old site to your beautiful new one. Once this is completed, Revize will closely monitor the transfer for the first 24 hours to ensure that everything is working properly. Any issues that arise will be immediately resolved.

Marketing & Ongoing Consultation

Revize seizes on every effort to make our clients' sites highly visible. We draft press releases for posting on our website and for distribution locally and will continuously monitor your site after it goes live so that you can take advantage of all marketing opportunities. We also look to submit your site for different awards and recognition competitions to further maximize your site's exposure.

Search Engine Registration and Marketing

Revize will input all the targeted keywords to make your web pages search engine friendly, thus enabling users to find targeted information when they do a Google, Yahoo or any other search on your site.

Security

Revize takes website security very seriously and we provide our clients with the very best website protection protocols. Our data centers are located on secure premises equipped with card-reader access, security cameras and guards on duty 24/7 to ensure the physical protection from unauthorized entry.

Our web and network administrators monitor network activity 24-hours-a-day to ensure system integrity and protection against threats such as Denial of Service (DoS) attacks that could corrupt your website or block user access. Maintaining the secure configuration of our web servers is managed through application of appropriate patches and upgrades, security testing, vulnerability scans, monitoring of logs, and backups of data and OS.

Security Controls, SSL, and Active Directory (LDAP)

- Anti-malware software such as antivirus software, anti-spyware software, and rootkit detectors
- Shield Plus Security Bundle to prevent DDoS attacks
- Intrusion detection and prevention software (such as file integrity checking software)
- Host-based firewalls to protect CMS servers from unauthorized access
- Patch management software
- Security and Authentication Gateways
- Content filters, which can monitor traffic to and from the web server for potentially sensitive or inappropriate data and take action as necessary
- HTTPS (Hypertext Transfer Protocol over SSL), which provides encryption and decryption for user page requests that require more secure online transactions
- SSL (Secure Socket Layer) provides an encrypted end-to-end data path between a client and a server regardless of platform or OS
- If you have an existing SSL Certificate we can transfer it to the new website. Otherwise, if included, we will install a new SSL Certificate upon go live.
- Active Directory (LDAP) is compatible with the Revize CMS. It can be set up in a variety of configurations. As part of the process we will work with you to determine which configuration will best meet your needs.

Application Security Authentication

- Role-Based Security: Role-based authentication to add individual user accounts and assign them system roles like Editor, Developer, Administrator, Workflow Approvers, etc., or department roles and empower the department to assign specific roles to users.
- Permission-Based Security: Ability to set up Content Owners/Editors and restrict which site pages they are authorized to update
 - Global & Department Workflow Management: Create workflow management and approval processes where authorized department personnel become approvers



Did you know?

Revize will host your website and CMS in at least two completely separate geographic locations!

Maximum Response Times

- 1 hour for crisis issues
- 4-6 hours for critical issues
- 24 hours for normal issues

Revize Support

- 8 a.m. – 8 p.m. EST Phone Support (Monday thru Friday)
- 24X7X365 Portal & Email Support
- Dedicated support staff to provide assistance and answer all questions
- New and existing user training
- Training refreshers
- Video tutorials and online training manual
- Automatic integration of enhancements
- E-Newsletter module support
- Automatic upgrades of CMS Modules such as Calendar, Document Center, etc...

Software Maintenance

Revize rolls out two new versions of the Revize CMS, and six to eight product updates every year. The Revize CMS is continuously enhanced to keep pace with cutting edge technologies and industry trends. When a software update or new version is rolled out, Revize will automatically update all servers used by our subscription service clients.

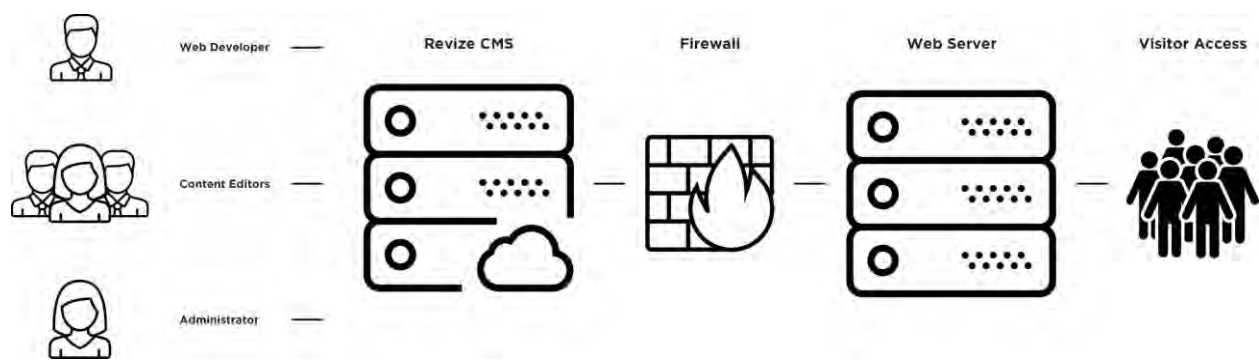
“As a Revize client, you will receive full access to all enhancements to the core components and modules in the Revize CMS at no additional charge.”



Revize Technology Architecture

The Revize Government CMS is a standards-based, open architecture software product without any proprietary restrictions. Revize uses leading technologies to avoid integration problems with existing systems and comes complete with its own Integrated Publishing Engine, Embedded Relational DB, JSP/Servlet Engine, and Application Server.

Revize Intelligent Publishing WCM



“Security, Performance,
Redundancy”



Revize Project Team

Revize understands the importance of having a talented and experienced staff. We are proud of our well-respected team of top notch experts in the field of government website design, development, analysis, content management, training and support. From the first creative concepts through to the design phases, and from site launch to training of personnel and continued support of your website project, we have the right group of seasoned professionals to work with you through the website process and beyond. We are pleased to introduce them:

Thomas Jean

Project Manager

As a project manager, Thomas has brought to Revize a very special skill set. Not only does he manage some of our highest priority projects, he is also a subject matter specialist when it comes to the inner workings of government. As an elected Township Trustee in a Michigan Township, he knows the advantages that come with modernizing the way government does business. Additionally, he serves as President of a registered 501c3 non-profit organization, Genesee Forward, that promotes community development. With his unique background and education from one of the nation's top universities, Thomas is uniquely experienced to give an honest and accurate assessment of your community's website needs.

- **Philosophy:** Learn as much as possible about our clients and use that knowledge to help build an amazing website.
- **Education:** BA degree in Political Science from University of Michigan;
- **Expertise:** Government procedure, special projects, public affairs, community development.
- **Role on your website project:** Project Manager

Joseph J Nagrant

Business Development Director

Joseph is an accomplished professional internet and website design consultant with more than 20 years of successful business development and account management leadership experience. He has worked with well over 500 townships, cities, counties, educational institutions, companies, and non-profit organizations. He's a foremost expert in translating technical solutions into compelling living websites and other online community building opportunities. Additionally, he is a board member for Mott Community College (Flint, MI) MTEC Center, IT Advisory Council, Education Advisory Group. He also participates in many government discussions regarding the Internet for government use, including being a frequent guest on WDET (NPR) public radio and in The Detroit News. He has an excellent reputation for building and sustaining effective, long lasting client relationships.

- **Philosophy:** "Put yourself in the client's shoes and do what is best for them."
- **Education:** BS in Electrical Engineering, Lawrence Tech University, MS in Business, Central Michigan University.
- **Expertise:** 29+ years of project, sales and marketing experience with government, education, corporate, and non-profit organizations.
- **Role on your website project:** Supervisor of account management between client and project team.

Ray Akshaya

Technical Director

Ray has 20+ years of extensive technical experience with internet and website solutions. He has worked on hundreds of government, non-profit and educational websites and has a keen eye for web visitor requirements, information architecture, and usability. He is also a long-time veteran of Revize Software Systems and our clients enjoy working with him. In his career, he has deployed and/or assisted with technical solutions for more than 500 websites. When working on a project, Ray always visualizes himself in the client's chair at the closing stages of the project and makes sure that all decisions made on a project are in alignment with the client's vision and best practices for developing the system.

- **Philosophy:** "Work Hard, Help People and Live Honest."
- **Education:** MS in Engineering Science, Louisiana State University, Baton Rouge

- **Expertise:** Client Management, Project Management, Technology Development for CMS & Web Apps
- **Role on your website project:** Technical Director

Samir Alley

Creative Director

Samir has more than a decade of experience in managing web site design projects. He has deployed 360+ municipal websites and has a solid background in web design and the latest web technologies. Formerly with Google, Samir is a leader equipped to handle any kind of sophisticated web project. He is an exceptional communicator with an innate listening skill that gives him the ability to understand and deploy a client's unspoken needs. Samir's blend of creativity, proficiency, and technical knowledge is unsurpassed in the industry.

- **Philosophy:** "Empathy, Focus, and... Impute"
- **Expertise:** Web Project Management - Adobe Design Premium CS5.5: Photoshop, Illustrator, InDesign, Flash, DreamWeaver, Fireworks, HTML, CSS, CSS3, SEO, PHP, JavaScript, MySQL, JQuery and HTML5.
- **Role on your website project:** Graphic design of website and backup support.

Alec Armstrong

Website Developer / Front End Application Designer, Illustrator

Alec is a senior front-end developer and designer with Revize with more than 10 years of experience in website development. He is highly skilled in his ability to leverage the latest technologies to create fast and innovative web solutions. He commands an intense, yet light-hearted creative presence at Revize, producing excellent website development work.

- **Philosophy:** Design and development are constantly evolving, and learning new methods and practices gives me a "geeky" excitement. What I truly enjoy most is that I can create what is considered to be art, but at the same time serves a very functional purpose through website programming.
- **Expertise:** Skilled in Adobe Design Premium CS5.5: Photoshop, Illustrator, InDesign, Flash, DreamWeaver, Fireworks, HTML, CSS, CSS3, SEO, PHP, JavaScript, MySQL, JQuery and HTML5.
- **Role on your website project:** Web development of website templates and backup support.

Denise Brazier

Project Manager/Trainer

Denise is an educator by nature. Her 20 years of experience in the public school system has made her a master of engaging participants during training. She effortlessly builds effective relationships with all clients. Denise has served as Advisory Counselor, Coordinator, Publicity Director, and Project Manager for several organizations in the education, non-profit and public sectors. She has been appointed to the state's quality committee evaluating organizational policies and procedures for recognition.

- **Philosophy:** “Always explain things in the terms of your audience to ensure their understanding”
- **Education & Training:** MS in the Art of Education from Marygrove College. Certification in Secondary Education
- **Expertise:** Training, education, teaching, public affairs and project management.
- **Role on your website project:** Trainer for the Content Management toolset and project manager

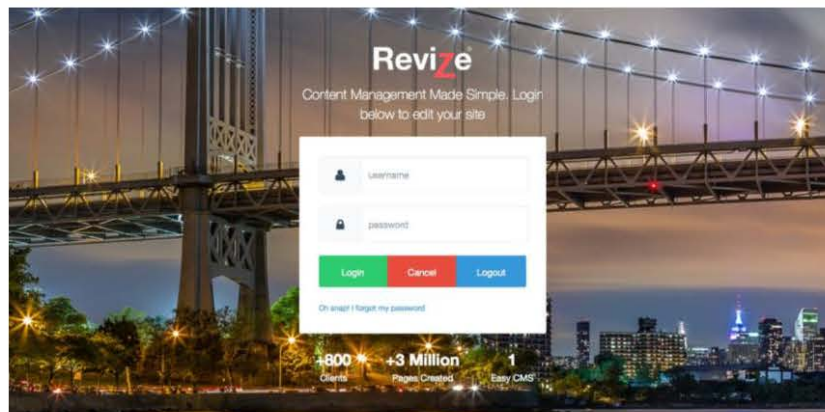


Did you know?

Revize will put together a project team based on the unique needs of your project!

Revize Government CMS User Interface

1. Revize CMS User Interface Home Page

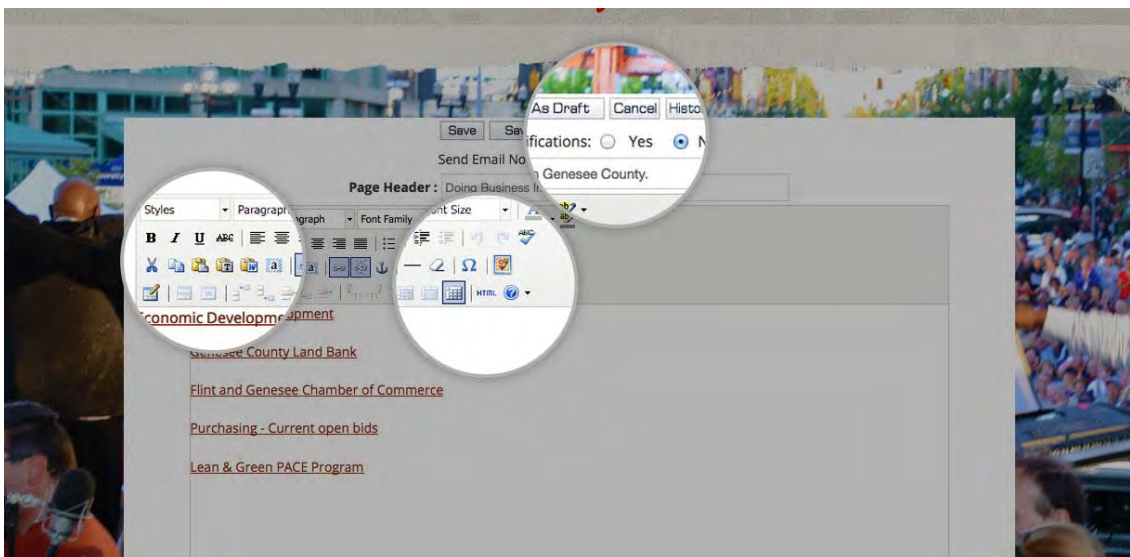


2. Users simply browse to a page that they want to edit, select the Login button, and then insert their Login Name and Password into a login screen as shown below.

3. Edit buttons appear on the page after the Login executes. Based on users roles/permissions, the appropriate buttons are displayed.



The input form appears as shown below. Content Editors can change banner, page heading and the content displayed in the center of the page. Notice the content is changed using a “Word Like” editor.



After the page is “saved”, the page can be sent to an approver for review or immediately published to the web site.

Revize Quote

Phase 1: Project Planning and Analysis, SOW	\$500
Phase 2: Discovery & Design from scratch - One concept, three rounds of changes, home page, reusable department home page layout, and inner page design and layout, includes Responsive Web Design.	\$1,225
Phase 3 & 4: Revize Template Development - Set-up all CMS modules listed on the following page with I-framing or linking to any additional 3rd party web application. You also receive all updates to all CMS modules for the life of your Revize relationship. And you own the technology, design and content!	\$2,600
Phase 5: QA Testing	\$700
Phase 6: Site map development/ content reorganization and migration from old website into new website including spell checking and style corrections - up to 48 webpages and 77 documents (approximate amount on your website today). To help remove stale content, Revize will not be moving over old announcements, events or calendar items.	\$490
Phase 7: Content editing and site administration training (one day session)	\$900
Phase 8: Go live!	Included
Revize Annual Fee, pre-paid: Includes Unlimited Tech Support, CMS software updates (3 users), security software updates, SSL security certificate, and website health checks. Website hosting Included free of charge (10 GB storage space, 100GB month bandwidth limit) with pre-paid annual fee:	\$1,800
Grand Total (1st year) Second year and onward investment	\$8,215 \$1,800/year

Revize provides a free website design refresh after year four of website annual services, if client signs a 5-year agreement!

Additional Services (Optional - Beyond the Scope of the Project)

Notification Center with Email Alerts: No Set Up Fee, Annual Fee with unlimited email sends:	\$500.00
Online Fillable Forms Web App with Unlimited Forms: Set Up Fee, onetime Annual Maintenance/Hosting Fee:	\$1,950 \$900

The Following Applications & Features will be integrated into Your Website Project

The Following Applications & Features will be integrated into Your Website: In addition to the Government Content Management System that enables non-technical staff to easily and quickly create/update content in the new web site, Revize provides a suite of applications and features specifically designed for municipalities. All of those apps and features are fully described in the following section. The applications and features are grouped into five categories:

- Citizen’s Communication Center Apps
- Citizen’s Engagement Center Apps
- Staff Productivity Apps
- Site Administration and Security Features
- Mobile Device and Accessibility Features

Citizen’s Communication Center Apps

- Home Page Alert
- Document Center with Keyword Search
- FAQs with Keyword Search
- News Center with Facebook/Twitter Integration
- Online Web Forms for form submissions
- Photo Gallery
- Quick Link Buttons
- Revize Web Calendars
- “Share This” Social Media Flyout App
- Sliding Feature Bar
- Language Translator

- Extended Navigation and Website Search
- Website Analytics

Citizen's Engagement Center Apps

- Citizen Request Center with Captcha
- 3rd Party Web App integration with DocumentsOnDemand (Revize Partner), BS&A, and any other 3rd party App.
- RSS Feeds and all Social Media Feeds on Home Page via the Revize Social Media Center

Staff Productivity Apps

- Image Manager
- iCal Integration
- Link Checker
- Menu Manager
- Bid Posting Management System via Vendor Registry
- Online Web Form Builder
- Website Content Archiving
- Website Content Scheduling

Site Administration and Security Features

- Audit Trail
- Drag and Drop Menu Management
- Drag and Drop Picture Management
- Drag and Drop Document Management
- History Log
- URL Redirect Setup
- Roles and Permission-based Security Mode
- Secure Site Gateway
- Unique Login/Password for each Content Editor
- Web Statistics and Analytics

Mobile Device and Accessibility Features

- ADA Compliant – WCAG 2.1 AA when the website is launched Live
- ADA Accessibility Widget
- Responsive Website Design (RWD) - Mobile Phone Ready for all screen sizes

Revize Support Includes

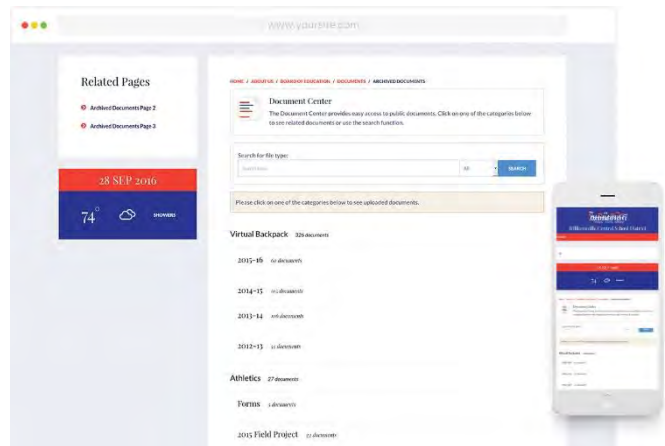
- 8AM – 8PM EST Phone Support (Monday thru Friday)
- 24X7X365 Portal and Email Support
- Staff provides assistance and answers all questions
- Dedicated support staff
- New/existing user training
- Free Training Refreshers
- Video tutorials and online training manual
- Automatic integration of enhancements
- Automatic upgrade of CMS modules, such as Calendar, Document Center, etc.
- Four major CMS upgrades per year
- Software and modules upgrades (automatic install)
- Server hardware and OS upgrades
- Immediate bug fixes/patches
- Round the clock server monitoring
- Data Center Network upgrades
- Security and antivirus software upgrades
- Firewall and router upgrades
- Bandwidth and network infrastructure upgrades
- Remote backup of all website assets
- Tape backup of all website assets
- Quarterly Newsletters on major feature updates
- Regular webinars on CMS features and web site trends



Citizen's Communication Center Apps

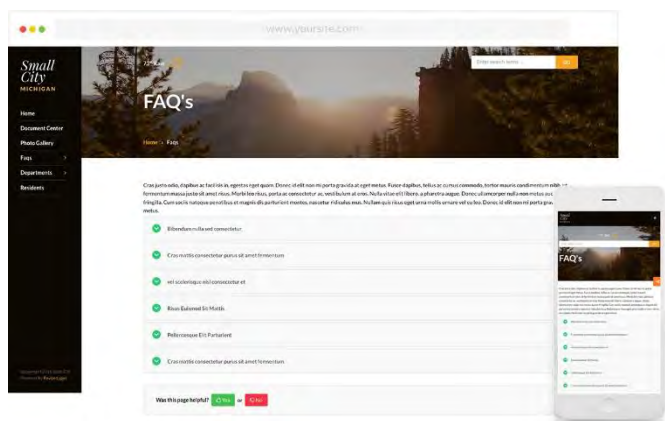
DOCUMENT CENTER APP

Revize helps clients save thousands of dollars each year in employee time and resources with our Document Management Center. Using this module you can create and archive the documents your site visitors need: applications, brochures, manuals, policy and data sheets, research papers, meeting minutes, and more. By providing all of your documents online, your site visitors can access them 24/7 – usually within two clicks -- and you won't incur any printing or postage costs.



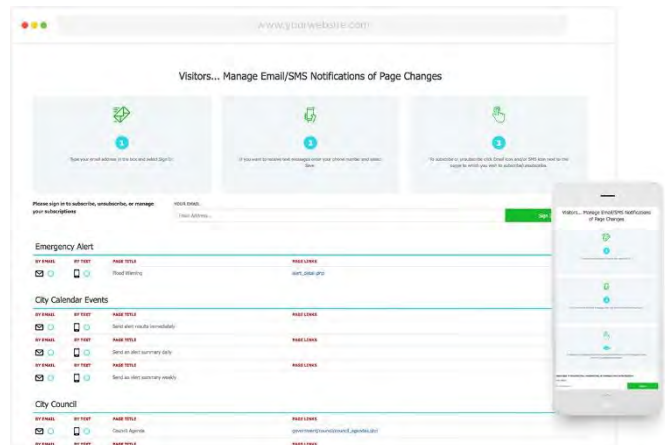
FAQ

FAQ's make it easy for site visitors to find answers to common questions and will greatly decrease the number of calls coming into your switchboard each day. In fact, within six weeks of a Revize website launch, our clients typically experience a significant decrease in the number of daily phone calls... some by as much as 23%!



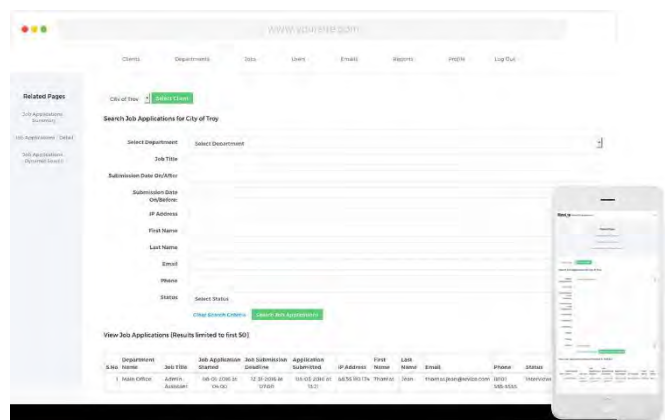
E-NOTIFY CENTER

Many of our municipal clients include an email/text notification option on their Meeting Minutes and Meeting Agendas pages so that interested citizens can sign up for automatic updates anytime there is a new posting.



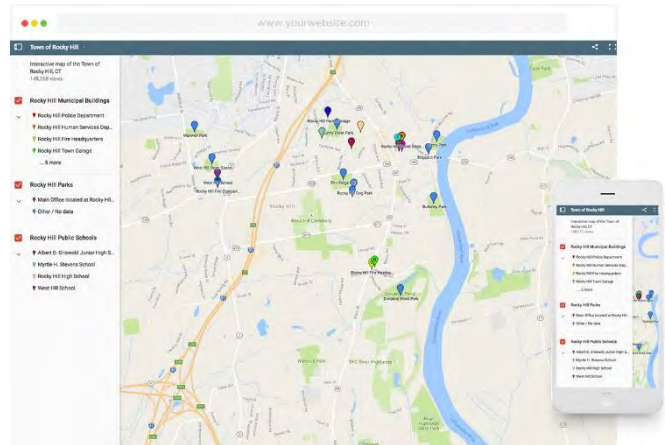
JOB POSTING

Revize's job postings app allows your site visitors to view and apply for open positions online. Postings are removed automatically based on the job expiration date input by your HR personnel. You can provide as much detail as you like and link to or upload any number of files that fully describe the job position. Best of all, with the form fill interface, new openings can be posted in minutes by non-technical staff.



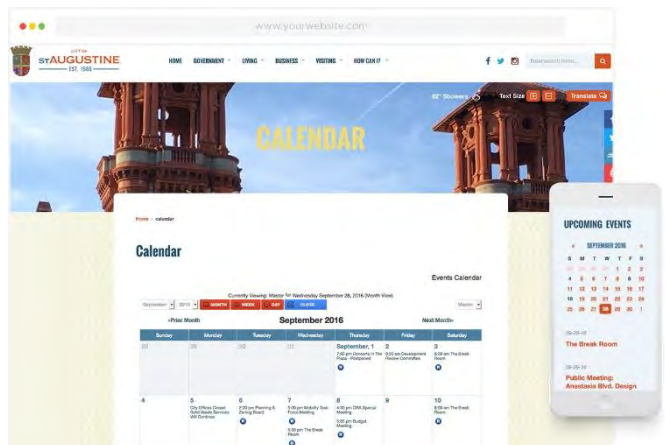
INTERACTIVE MAP

Not only does the Revize CMS ensure that your site is easy for visitors to navigate, we've made it even easier for them navigate the real world surrounding your location. Specific buildings, parks, bike paths, mass transit stations, nearby businesses, tourist attractions, parking lots, voter polling locations, and more are incredibly easy to identify with the familiar Google Maps highlighted with Pins.



CALENDAR APP

The Master/Sub Calendar provides an easy-to-use tool to enhance usability and encourage the communication of events both internally and externally. It provides visibility and transparency into activities, meetings, and events with a visually appealing display and easy to find event contact information. The ability to insert recurring events saves time by allowing you to create the event once then repeat automatically; great for Board and City Council meetings.



HOME PAGE ALERT

You can't fool or control Mother Nature. But you can protect members of your community from her wrath. Posting emergency notifications on your home page, any other page, or throughout your site, this module allows your content editor to accurately explain the situation and instruct members of your community on the next steps to take.

BID POSTING

The Bid Postings App provides a simple and easy-to-use method for organizing and presenting bids, RFPs and RFQs online for vendors or local contractors interested in providing products and services to your community.

BUSINESS DIRECTORY

Ideal for municipalities, chambers of commerce or any membership organization, this module allows you to easily create and maintain a searchable directory for either members or businesses within the website. Listings can be added, removed and categorized by non-technical staff in a simple table interface.

NEWS CENTER WITH FACEBOOK INTEGRATION

Many of our municipal clients include an email/text notification option on their Meeting Minutes and Meeting Agendas pages so that interested citizens can sign up for automatic updates anytime there is a new posting.

ONLINE WEB FORMS

Using this module, you can create -- from scratch -- an unlimited number of online forms on any page of your site using various field options such as long answers, radio buttons, drop-down lists, multiple choice, etc. Having online web forms provides a quick and easy alternative for users to communicate with you and provide important feedback, opinions or complete tasks online. These forms can be used to have web visitors contact you with questions, comments and requests, give feedback, volunteer, or to sign-up for various events, activities or programs.

PARKS RESERVATION

This app allows the display of parks shelters and their amenities and to manage their availability to the public. A website visitor can search for facilities by type available, review the amenities for each facility and easily reserve the facility including the option to pay for its use.

ONLINE BILL PAY

Allows clients to set-up secure on-line payment processing for credit card transactions. Can be used for utility and tax payments; Purchasing items on-line; or making donations to non-profit organizations.

RSS FEED

Site visitors will be eating out of the palm of your hand with our RSS feeds module. Revize's CMS allows customers to generate RSS (Real Simple Syndication) feeds for any genre of news or events. RSS feeds are a trusted way to communicate important information to site visitors while ensuring that they remain engaged with your organization and regularly return to your site.



MENU MANAGER

Allows approved content editors to add or edit site-wide top navigation, department or section specific links (e.g. left or right navigation). This feature gives you control to change and update the Navigation menus of your website for continuous improvement.

NEWS LETTER APP

The system allows non-technical staff to build attractive, informative newsletters and disseminate them with one click to everyone on your distribution list. Activity metrics include emails sent successfully to help you validate email addresses. The application provides the ability to import contact lists, upload images, add groups, assign contact lists to groups, as well as export lists.

ONLINE FILLABLE FORMS APP

Having online forms that Residents can fill out in their Internet browser provides a quick and easy alternative for users to communicate with you and provide important feedback, complete tasks online, or fill out permit requests and job applications. These forms can be used to have web visitors can apply for a job, permit, or contact you with questions, comments and requests, give feedback, volunteer, or to sign-up for various events, activities or programs.

WEB CONTENT ARCHIVE

Your site history will never be a mystery because all content edits for your site are archived on the Revize CMS database. Your content editors can click on the History button to view previous versions of a particular page or content block from your site.

WEB CONTENT SCHEDULE

This feature eliminates the possibility of having dated or past events being promoted on your site AFTER the event has passed, thus potentially undermining the perceived accuracy and currency of the site's content in the minds of your audience.



AUDIT TRAIL

This is a powerful administrative tracking tool that provides reports on the content change activities of any webpage within the system. The administrator can gauge how often the site is updated, which departments are most active; and also use the audit trail for recovery of data if necessary.

AUTO SITEMAP TOOL

Revize CMS provides this tool to automatically generate a sitemap. Anytime a new page is added or deleted from the system, the sitemap will republish to show the change. An up-to-date sitemap is very critical to boost the ranking of your website in different search engines.

HISTORY LOG

Administrators can view all the archived versions of any web page and restore any old/archived page. It is a very useful feature for referring to any archived legal documents or press releases.

ROLES/PERMISSION SETUP

Our CMS uses a role based authentication system where you can add individual user accounts and assign them system roles like Editor, Developer, Administrator, Workflow Approvers etc., or you can add roles for each department and assign department-specific roles to each user.

SECURE SITE GATEWAY

Provides a secure login area for either users of an intranet or users to access information not available to the general public. Once users are set-up with a secure login ID, they can manage their own password changes as necessary.

WEBSITE STATISTICS

Revize integrates Google's Web Analytics tool to track number of site visits, website traffic sources, etc. Your website administrator can run various reports to collect important data on the usage of your website.

WORKFLOWS BY DEPARTMENT

Provides a method for Supervisory Oversight of content updates. The process allows an authorized “approver” to compare the current page with the proposed new page content (side-by-side) for easy review and comparison.

“Our innovative solutions are custom-tailored to meet the needs of each individual client.”



Did you know?

Revize installs new features into your content management system on a rolling basis!

Thank you

For Considering Revize

Prepared by Joseph J. Nagrant
150 Kirts Blvd., Suite B, Troy, MI 48084
Ph: 248-766-9562 Fax: 866-346-8880
www.revize.com



Charter Township of Oscoda
110 South State Street
Oscoda, Michigan 48750
Office of Supervisor: (989)739-3211
Office of Clerk: (989)739-4971
Office of Treasurer: (989)739-7471
Office of Superintendent: (989)739-8299
Fax: (989)739-3344

Request for Proposals
Website Design & Content Development Services
Oscoda Township, MI
www.oscodatownshipmi.gov

Introduction

The Township of Oscoda is submitting this Request for Proposals to the redevelopment of its website design and content.

This RFP is seeking a single vendor that can provide the following services:

- Redesign the Township of Oscoda's website, www.oscodatownshipmi.gov with a new façade, as well as an improved Content Management System that staff can easily manipulate to update content on the website as needed while increasing user access to township services and information.
- The Township has recently completed a Community Branding and Marketing Strategy and wishes to incorporate this new look and new feel to its website.

Background

With a population just under 7,000, and more than 120 square miles in size, Oscoda Township is a large, rural township with a burgeoning downtown in northeastern Michigan. The Township maintains its own Police Department, along with a Department of Public Works, and its Administrative Offices oversee the budgeting, financial, and community development efforts of the municipality. The Township currently maintains a website (www.oscodatownshipmi.gov) that has a home page and 5 tabbed directories with approximately 24 sub pages. See the attached layout document for details.

The Economic Improvement Committee (EIC) is responsible for pursuing capital improvement and economic development initiatives in the downtown district, as well as opportunities around the Oscoda Wurtsmith Airbase. The EIC maintains a web page with 4 tabbed directories and approximately 14 sub pages. It functions as a stand-alone site, but needs to be linked to the Township site.

The goal of this project is to redevelop the Township's website with a new look, improved functionality and security, and a more manageable Content Management System for our staff to update and manipulate. Due to the large amount of content that already exists on these sites, the current content needs to be included, but the Township is seeking more efficient navigation tools and additional elements that will help serve our many sectors of constituents.

General Project Scope

- Migrate content from existing site

- Updatable “news” section on the home page
- Social media feeds on homepage and on appropriate pages
- Reorganization of current content with the addition of new content by creating drop down menus or other organizational tools
- Navigation search for entire site on homepage and name anchors on applicable pages
- Create a responsive, mobile friendly interface
- Provide a backend feature that is user friendly and offers the ability for staff to load various content items, photos, add pages, update calendars, events, videos, graphs/tables, etc. with easy formatting options.
- Form submissions applications
- Event Calendar Items
- Provide robust analytics
- Additional items that may be required or recommended

Minimum Qualifications

At a minimum, contractors shall meet the following qualifications:

1. Have been in the business providing web design for a minimum of four years.
2. Have proven expertise in responsive website design/mobile website design for mobile/tablet
3. The ability to add and change content is very important, therefore a user-friendly manager that offers the technical capability to add said content to each website.
4. Provide training and access to Township staff to make content changes.
5. Respond to technical difficulties within a specified, reasonable amount of time.
6. Have provided such services for at least three clients. Provide references.
7. Must not have outstanding debt with Oscoda Township.

Submission of Proposals

Interested firms must submit four (4) copies of sealed proposals, as well as two (2) flash drives with a digital copy of the proposals. Each proposal should include, at a minimum, the following information:

1. Narrative in which the firm delineates their understanding of what is being requested by the Township in this proposal including the items of work they will accomplish, noting any work items they may feel should normally be accomplished under or related to this request, but in their opinion are beyond the scope of what is being requested and not part of this proposal.

2. The methodology, approach or work plan, including timelines, which would be used to complete the project.
3. Proposal Sheet with "Not to Exceed" project cost for the aforementioned scope of services.

Sealed proposals must be submitted to Tammy Kline, Executive Secretary, at Township Hall, 110 N. State St, Oscoda Township MI 48750 no later than 5:00 p.m., Thursday 13 August, 2020. "Oscoda Township Website Design Services" shall be clearly marked on the outside of the sealed envelope. Submittals via fax or email will not be accepted. Questions may be addressed to Tammy Kline at 989-739-3211 or admin@OscodaTownshipMI.gov.

The Township will host an optional pre-bid meeting at Township Hall, 110 N. State St., on Thursday 6 August at 10 pm for interested bidders.

Evaluation of Proposals

All proposals received shall be subject to evaluation by the Township and its respective organizations. Each organization shall review the proposals, and come to a consensus as to which bidder will be selected. This evaluation will be conducted in the manner appropriate, as may be deemed by the Township Superintendent, for the selection of a firm for the purpose of entering into a contract to perform this project. Price alone shall not be the basis for the award of this work, but shall be only one of the components considered. The Township does not intend to award a contract for this work solely on the basis of any response made to this request. The following facts, along with other items, will be considered:

1. The firm's understanding of the project scope and quality of the firm's project approach.
2. The Firm's experience, portfolio of work, and references
3. The cost and time scheduled as proposed.

All proposals submitted must include "not to exceed" cost figures for Oscoda Township's Website Design Services.

Insurance

The Firm is required to provide and maintain at all times during this project the following insurance. Certified copies, setting forth the limits and coverage, shall be furnished to the Oscoda Township Superintendent before commencing with any work. The policy shall contain endorsements that a 10-day notice will be given to the Township prior to termination or any change in the policy and shall describe the project and provide coverage for the following terms:

- A. Comprehensive General Liability Insurance with limits of liability not less than \$1,000,000 per occurrence and/or aggregate combined single limit with the Township listed as an additional insured. Professional liability insurance coverage in the amount of \$1,000,000 minimum.

- B. Motor Vehicle Liability Insurance, including applicable no-fault coverage, combined single limit bodily injury and property damage shall be maintained during the life of the contract. Coverage shall include all owned vehicles, all non-owned vehicles, and all hired vehicles.
4. Workers Compensation Insurance, including Employers' Liability Coverage in accordance with all applicable statutes of the State of Michigan.
5. If any of the insurance is canceled, the Firm shall cease operations, and shall not resume until new insurance is obtained.

Supplemental Information and Requirements

Oscoda Township reserves the right to waive any informality or defect in any proposal, to accept any proposal or parts thereof or to reject any or all proposals, should it deem it to be in the best interest of the Township to do so. The organization reserves the right to revise the contents of the proposal and to negotiate all aspects of this proposal and any future agreement with the successful firm of the Township's choice. The Township further accepts no responsibility for expenses which may be incurred in the preparation of such proposals. The selected firm shall be expected to comply with all applicable State and Federal laws in the performance of services. Submittals to the Township are considered public information. Each organization has the right to disclose information contained in the submittals. The Township further reserves the right to photocopy, circulate or otherwise distribute any material submitted in response to the Request for Proposal (R.F.P.). Original materials which the consultant may wish returned shall be clearly marked to be returned to them.

The selection of the successful firm shall be made without regard to race, color, sex, age, religion, sexual preferences, handicap, political affiliation, veteran status, or national origin. The Township is an Equal Opportunity Employer.

Any questions regarding this request for proposal shall be submitted in writing to the Executive Secretary at least seven (7) days prior to the deadline for submitting the request for proposal. Written answers to questions, which in the opinion of the Township may change or substantially clarify the request for proposal, will be submitted to all prospective firms.

PROPOSAL SHEET

TITLE: REQUEST FOR PROPOSAL: Oscoda Township Website Design Services

DUE DATE: 5:00 p.m., Thursday 13 August, 2020

Having carefully examined the attached R.F.P. and any other applicable information, the undersigned proposes to furnish all items necessary for and reasonably incidental to the proper completion of this proposal.

The undersigned understands that the Township's Professional Services Contract Agreement (PSCA) will serve as the basis for the services renders. By submitting a proposal, the undersigned understands that the PSCA will not be modified other than the yellow highlighted language.

The undersigned submits this proposal and agrees to meet or exceed all requirements and specifications listed on the R.F.P., unless otherwise indicated in writing and attached hereto. The undersigned certifies, as of the date of this proposal, not to be in arrears to Oscoda Township for debt or contract or is in any way a defaulter as provided for in the Charter of the Township of Oscoda. The undersigned understands and agrees, if selected to be awarded this work, to enter into an agreement with the Township to supply this work.

The undersigned understands that the Township reserves the right to accept any or all proposals in whole or in part and to waive irregularities in any proposal in the interest of either entity. The Proposal will be evaluated and awarded on the basis of best value, and the decision criteria to be used, but will not be limited to, is price, accessories, options and overall capability to meet the needs of the Township.

The undersigned agrees that the proposal may not be withdrawn for a period of 60 days from the actual date of the opening of proposals.

Submitted by:

Joseph J. Nagrant
(Signature)

Joseph J. Nagrant - Business Development Director
(Name & Title - print)

Revize Government Websites
(Company Name)

150 Kirts Blvd., Suite B
(Company Address)

248-766-9562
(Telephone Number)

Troy, MI 48084
(City, State, Zip Code)

Resolution Number 2020-20

Placement of Army Asset on Township Property

Whereas, The Veterans Memorial Park has requested use of Township property for Military Static Display Equipment under 10 USC 2572 and,

Whereas, the US Army Static Display Program requires land owner approval if the display will be located on municipal property and requires Township Board approval,

Now, therefore be it resolved, that the Charter Township of Oscoda Board of Trustees authorize placement of a Military Static Display on public owned land with the parcel number 066-028-100-013-00,

Be it further resolved, that if a signature is necessary pursuant to the items as set forth within the above resolution, this resolution hereby authorizes the Township Supervisor and the Township Clerk to jointly sign as it concerns any such documents.

Moved by: _____.

Supported by: _____.

Yeas: _____.

Nays: _____.

Absent: _____.

Adopted this ____ day of _____, _____.

CERTIFICATION

I hereby certify that the foregoing is a true and complete copy of a resolution adopted by the Township Board of the Charter Township of Oscoda, County of Iosco, and State of Michigan, at a meeting held on _____, the original of which is on file in my office and available to the public. Public notice of said meeting was given pursuant to and in compliance with the Open Meetings Act, Act No. 267 of the Public Acts of Michigan 1976, including in the case of a special or rescheduled meeting, notice by posting at least eighteen (18) hours prior to the time set for said meeting.

Dated: _____

John Nordeen, Township Clerk

Tammy Kline

From: Dave Schaeffer
Sent: Thursday, September 17, 2020 1:48 PM
To: Joseph Brinn; Tammy Kline; Rose Mary Nentwig; pbrinn@hotmail.com
Cc: John Nordeen
Subject: RE: Military Static Display

Good Afternoon Joe,

I appreciate the follow-up. I have sent all of the information to the Township's Insurance Rep and he's really good about getting back quickly.

I'll get this rolling and still hopeful that it can be in front of the Township Board on Monday 28 September 2020 at 7:00pm = next Regularly Scheduled Township Board Meeting. Please plan on attending or let me know if you can't attend and I'll rope Rose Mary into attending instead of you.

Join Zoom Meeting

<https://us02web.zoom.us/j/84606242594>

Call-In Number:
+19292056099

Meeting ID: 846 0624 2594

I appreciate your help with this.

Thanks,



Dave Schaeffer
Township Superintendent
Charter Township of Oscoda
www.oscodatownshipmi.gov
989-739-8299

From: Joseph Brinn <jbrinn@hotmail.com>
Sent: Thursday, September 17, 2020 9:36 AM
To: Dave Schaeffer <superintendent@oscodatownshipmi.gov>; Tammy Kline <admin@oscodatownshipmi.gov>; Rose Mary Nentwig <rtw5328@charter.net>
Subject: Military Static Display

Good Morning Rose Mary and Bob,

Please see below and attached from Tammy / Joe Brinn.

I am not familiar with this process for Michigan and I want to get out ahead of any questions from the Board.

Does the military equipment need to be added to the Township's general liability policy to be covered for damages?

Not sure about the Township insurance requirements but we plan to add it to our insurance for the Veterans Park

I can only pull from my previous experience in Brooklyn, OH = where a retired Military aircraft was displayed in front of the old City Hall. Unfortunately, we had a drunk driver that ran into the aircraft. The military sent paint to repair the scratches and the employees from the City's Service Garage painted over the scratches. I need to understand if the DPW will be touching up paint on the tanks or aircraft that is donated to Oscoda Township?

The Veterans Park will form a committee to monitor, perform any required maintenance as needed as well as touch up painting as required by the Department of the Army and TACOM.

On page 2 of the PDF = it asks the amount the Township is willing to pay for the military equipment? I know this will generate questions from the members of the Township Board so I want to get out in front of these issues.

There will be no cost to the Township as the Veterans Park will seek donations to cover all costs associated with locating military equipment at the Veterans Park. These probable costs include site prep and concrete foundation as required by equipment specifications for display placement. The size and dimension of foundations is dependent on type of military display with each having different requirements as established by TACOM. Transportation of equipment from TACOM location to Veterans Park. These costs will be covered by donations of in-kind supplies and labor such as concrete from Elmers Team One and local contractors who will be asked to provide labor to build foundation. We will ask for local construction supply companies to provide within reason crane to lift display unit and flat bed heavy trailer and truck for transportation requirements. But for form completion even with donated materials and labor, it still needs to be completed so we request the \$10,000 or above be annotated.

From the pictures stated below, it appears the military equipment is placed on concrete pads with plaques. All of that installation is provided by the military as well?

See note above. The Military does not provide any assistance with installation or foundation. That will be our requirement.

As a side note, there is certification that is required to be completed and sent in to TACOM every two years. The Veterans Park Military display Committee will complete this form and forward to TACOM with a copy provided to the Oscoda Township for their records.

For additional information, this process could take several years to be completed. Equipment is not readily available all the time and even if we are approved for a display, it could take years for the right piece of military Equipment to become available to us. If no equipment is available three years from date of first request, we must resubmit request again to be considered again. But as a Veterans Memorial Park, we are considered as a higher probability of getting our request approved and of receiving a military display over other request levels.

- Maybe we can set up a meeting to go over the logistics of how this would work? Please let me know your thoughts.

I appreciate your help with this.

Thanks,



Dave Schaeffer
Township Superintendent

Charter Township of Oscoda
www.oscodatownshipmi.gov
989-739-8299

Thank you,

Joe Brinn
Veterans Memorial Park of Northeast Michigan
Board Member
989-906-2155

Resolution Number 2020-21

CHARTER TOWNSHIP OF OSCODA

Resolution Regarding: Iron Bell Trail – Phase 3 Bike Path For September 28, 2020

Whereas, Oscoda Township, in cooperation with the Iosco County Trail Committee, recognizes a need for non-motorized pathways across the County, and

Whereas, a route from Oscoda to Hale has been discussed and studied for several years by Iosco County, AuSable Township, Oscoda Township, the Huron Manistee National Forest, and other organizations, and

Whereas, this trail route is part of the Governor's Showcase Trail Route, known as the Iron Belle Trail, and

Whereas, Oscoda Township wishes to further extend the trail for Phase 3, known as the Iosco Exploration Trail, and

Whereas, Phase 3 of the Iosco Exploration Trail Extension 1 shall go from the Oscoda Community Schools Complex to "Foote Village" (Rea Road); Estimated cost to complete \$1,581,392, and Extension 2 will complete the trail from "Foote Village" (Rea Road); Estimated cost to complete \$948,508.00, to the entrance of Old Orchard Park, and

Whereas, this trail extension is consistent with the goals and objectives of Oscoda Township's Five-Year Park and Recreation Master Plan, and

Whereas, the total estimated cost for Phase 3 (both extensions) of the project is **\$2,529,900**, and

Whereas, the Township has applied for and received a Fiscal Year 2022 Transportation Alternatives Program Grant (Conditional Commitment) for **\$1,074,392, for Extension 1 of Phase 3** through the Iosco County Road Commission, which will be part of the matching funds, and

Whereas, Oscoda Township made a financial commitment of **\$100,000 in 2018** and an additional **\$100,000 in 2020** for a total of **\$200,000** for the project in matching funds.

Whereas, Iosco County has made a financial commitment of **\$50,000** for the project in matching funds.

Whereas, Iron Belle Trail Challenge Grant has made a financial commitment of **\$110,000** for the project in matching funds.

Whereas, Iron Belle Trail Foundation has made a financial commitment of **\$50,000** for the project in matching funds.

Whereas, Oscoda Township is requesting through an application to have the Department of Natural Resources Trust Fund grant application fund the project with **\$300,000 (11.7 of entire Phase 3)**, and

Now, therefore be it resolved, that Oscoda Township hereby accepts of the **Fiscal Year 2022 Transportation Alternatives Program (TAP) Grant (Conditional Commitment) for \$1,074,392, for Extension 1 of Phase 3** through the Iosco County Road Commission. Oscoda Township has secured the local match for the Extension 1 grant (see above). Oscoda Township, working through Iosco County Road Commission, will be requesting an additional grant for Extension 2, this TAP Grant will be in the amount \$721,508. Oscoda Township will provide the additional matching funds (\$224,000) and is in the process of securing additional grant sources for this.

Be it further resolved, that if a signature is necessary pursuant to the items as set forth within the above resolution, this resolution hereby authorizes the Township Supervisor and the Township Clerk to jointly sign as it concerns any such documents.

Moved by: _____.

Supported by: _____.

Yeas: _____.

Nays: _____.

Absent: _____.

Adopted this ____ day of _____, _____.

CERTIFICATION

I hereby certify that the foregoing is a true and complete copy of a resolution adopted by the Township Board of the Charter Township of Oscoda, County of Iosco, and State of Michigan, at a meeting held on _____, the original of which is on file in my office and available to the public. Public notice of said meeting was given pursuant to and in compliance with the Open Meetings Act, Act No. 267 of the Public Acts of Michigan 1976, including in the case of a special or rescheduled meeting, notice by posting at least eighteen (18) hours prior to the time set for said meeting.

Dated: _____

John Nordeen, Township Clerk



United States
Department of
Agriculture

Forest
Service

Huron-Manistee National Forests
Huron Shores Ranger Station
5761 N. Skeel Avenue
Oscoda, MI 48750

989-739-0728 (Voice)
989-739-0347 (Fax)
989-739-0806 (TTY)

Date: September 22, 2020

Subject: Support for the Iosco Exploration Trail

To Whom It May Concern:

I am submitting this letter in support of the Iosco Exploration Trail Committee. The U.S. Forest Service, Huron-Manistee National Forests are in support of the planning efforts being made to complete the Iosco Exploration Trail project. Specifically, Phase 3 that extends from the Oscoda Area Schools property to Old Orchard Park which may include a corridor within National Forest System (NFS) lands as depicted in construction plans by ROWE dated March 11, 2020.

Because the ultimate outcome of a proposed project on federal lands can be affected by various factors, such as the discovery of a rare plant, critical wildlife habitat or significant archaeological site, the Forest Service cannot promise at the beginning of the process that the trail can be authorized in the location proposed, but we can make a commitment in good faith to proceed with our review in an open and timely manner.

Note that the provisions of the National Environmental Policy Act (NEPA) and other federal laws must be met before the Forest Service can approve the use of National Forest System lands for the project. If a right-of-way is issued, the holder will be responsible for maintenance according to the terms and conditions of the authorization and any associated construction or operating plans. The proponent will be responsible for providing detailed drawings and descriptions of the trail location. A floating trail survey and description is insufficient for purposes of issuing an authorization. To avoid additional costs, we encourage the IET committee to work with its contractors to describe the trail alignment in metes and bounds, and to tie the trail location to Public Land Survey System land corners.

The Forest Service is in support of the Iosco Exploration Trail and has demonstrated this support by entering into a long-term Challenge Cost Share Agreement with Iosco County for the maintenance of the trail. The Huron Shores Ranger District has also recently initiated the NEPA project to review the proposed construction of the trail on National Forest System Lands. Once built, this trail would provide forest visitors an avenue for enjoying the natural environment in a non-motorized way. The trail would also connect local communities and provide bikers and hikers a safe venue for travel.

The Forest Service is committed to improve opportunities for non-motorized trail access in Iosco County and within the Huron-Manistee National Forests. Non-motorized trails provide recreational activities that promote forest resources, promote public health and enhance forest user enjoyment.

Sincerely,

BEN WIESE
District Ranger
Huron Shores Ranger Station
Huron-Manistee National Forests



Robert J. Parks Library
6010 Skeel
Oscoda MI 48750
(989) 739 9581



M E M O

TO: Dave Schaeffer, Superintendent
FROM: Diana London
DATE: September 17, 2020
RE: New Hire for Library Director Position

Interviews for the upcoming Library Director vacancy were conducted on September 17 by Dave Schaeffer and Diana London of three highly qualified applicants. With such high qualifications of each applicant it was tough to make a decision but we are recommending the Township Board hire Robin Savage with a start date of October 3, 2020.

Robin already has created a proposed schedule of programs and events to bring to the library for the upcoming year. She currently provides programs for Pre K children, has an adult program slated for this coming week and is working on a teen program. Robin interacts well with library patrons, staff and volunteers.

With Robin's talents, qualifications, education, experience, investment in community outreach and proven willingness to work above her scope of employee requirements, I am asking the Board to approve a starting hourly rate of \$16.36.

I have no doubt that the Robert J. Parks Library will become a vibrant and necessary nucleus of the community under the leadership and management of Robin.

Robert J. Parks Library

6010 Skeel

Oscoda MI 48750

(989) 739 9581 Phone / Fax



To: Dave Schaeffer
From: Diana London
RE: Vacant Part Time Position
Date: May 29, 2020

With the resignation of Barbara Hamilton-Herc, the library has a part time vacancy.

It is pertinent to fill this position as soon as possible. As you know the library is open forty-eight hours per week, six days a week. Two of those days each week, we are open for ten hours. Should Rose Mary or I have to be out for any extended time, the other would have to cover these forty-eight hours.

I am asking permission to post this position. Upon Township Board approval, I will place an ad in Oscoda Press on June 17th. We would accept applications up to July 15th. It is my hope to have a candidate for approval at the July 27th Township Board meeting.

I am also asking that should Rose Mary or I have to out for any extended time, that we have permission to close at 5:00 p.m. on Wednesdays and Thursdays until such a time both staff can be back at work. Currently the library is open until 7:00 p.m. on those two days, making them a ten hour work day.

It is understood that during this pandemic there could be delays of this request dependent upon Governor Whitmer's Executive Orders.

LIBRARY ASSISTANT

SUMMARY

Performs the more routine library work involving a variety of clerical and administrative activities. Effectively assists the public in utilizing library services and identifying particular books and reference materials. Performs related duties as required.

SUPERVISION RECEIVED

Work is performed under the supervision of the Library Director.

SUPERVISION EXERCISED

None.

RESPONSIBILITIES AND ESSENTIAL DUTIES AND FUNCTIONS

An employee in this position may be called upon to do any or all of the following essential duties: (These examples do not include all of the duties which the employee may be expected to perform.)

1. Checks in and checks out books and other library materials. Registers and verifies residency of new library patron and issues library cards.
2. Assists patron by answering routine inquiries in-house and by phone, refers other more complex inquiries to the Librarian.
3. Receives and collects monies for fines, etc.
4. Deals with questions on over dues and fines.
5. Reshelves and shelf-reads materials.
6. Operates standard office equipment.
7. Performs related library and clerical work as required.

ESSENTIAL FUNCTIONS, QUALIFICATIONS AND KSA'S FOR EMPLOYMENT

All of the following functions, qualifications, knowledges, skills and abilities (KSA's) and duties are essential. An employee in this class, upon appointment, should have the equivalent of the following:

Some knowledge of library operations, practices and procedures.

Some knowledge of modern office procedures.

Skill in the use of computers.

Must be physically mobile and be able to stand, reach, stoop and lift to perform duties.

Ability to work effectively with other employees and general public.

Ability to read and understand written and verbal directions.

Ability to file alphabetically and numerically.

Required education includes graduation from an accredited high school or equivalent.

Oscoda Township, MI

June 2020



Charter Township of Oscoda
110 South State Street
Oscoda, Michigan 48750
Office of Supervisor: (989)739-3211
Office of Clerk: (989)739-4971
Office of Treasurer: (989)739-7471
Office of Superintendent: (989)739-8299
Fax: (989)739-3344

FINANCE DIRECTOR JOB DESCRIPTION

JOB TITLE:	Finance Director	FLSA:	Exempt
REPORTS TO:	Township Superintendent	DATE:	29 September 2020

SUMMARY:

Responsible for planning, coordinating and leading the Township's accounting, financial reporting, accounts payable, payroll, financial planning and forecasting functions.

ESSENTIAL FUNCTIONS:

*Essential functions as defined are ILLUSTRATIVE ONLY and not a comprehensive listing of all functions and duties performed by incumbents within this classification. Essential duties and responsibilities **may** include, but are not limited to, the following:*

- Plans, organizes, and directs accounting and financial records functions to enhance and strengthen the fiscal management of the Township.
- Directs the development and implementation of accounting and financial policies, procedures and programs; provides for administrative policies, procedures and work standards to ensure that goals and objectives are met and that programs provide mandated services in an effective and efficient manner.
- Develops, implements, and ensures compliance of accounting controls, policies and procedures of Township funds, including utility enterprises; ensures appropriate supporting documentation and records management.
- Develops, analyzes, and interprets statistical and accounting information to appraise operating results, and fiscal soundness.
- Attends meetings of the Board of Trustees, budget work sessions, public hearings, community engagement sessions, and other community events as required.
- Assists the Superintendent in preparation / administration of the capital improvement plan adopted annual by the Planning Commission and the appropriations approved annually by the Township Board of Trustees; assists in developing long-range financial planning for ongoing services and debt retirement.
- Administers all liability insurance coverage for the Township; manages the relationship with the liability insurance provider
- Maintains and reconciles fixed assets.
- Administers grants and completes the required compliance reporting; renews the Township's SAM registration on an annual basis.
- Oversees the external financial audit of the Township's financial statements, policies, and procedures.
- Responsible for the timely filing of the Continuing Disclosure Report, Qualifying Statement, F-65 Report, and Unclaimed Property Report.

- Responsible for confidentially preparing and updating payroll records and periodic earning reports on a bi-weekly basis; responsible for preparing quarterly Form 941 and MI UIA 1028 reports, annually preparing Forms W-2 and W-3, Forms 1099 and 1096.
- Responsible for reviewing all invoices for payment to ensure proper recording in the general ledger.
- Provides support to Township leadership regarding strategic and operational financial matters.
- Stays current on financial program regulations, legislation, issues, and compliance trends; assesses impact and devises solutions for Township operations.
- Manages investment of township funds, debt service planning and management.
- Demonstrates courteous and cooperative behavior when interacting with public and staff; acts in a manner that promotes a harmonious and effective workplace environment.

OTHER FUNCTIONS:

- Acts as a backup to the Treasurer and Deputy Treasurer in balancing the daily cash drawers, depositing the daily receipts for tax payments, utility bills, water / sewer tap fees, cemetery fees, dog licenses, boat launch fees, rental reservations, the sales of fixed assets, zoning / code compliance permit fees and / or violations.
- Provides the public with tax histories, information on taxes paid and due, and explains the delinquent tax process as needed.

QUALIFICATIONS:

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge and/or skill required.

Education and Experience:

Bachelor's degree in accounting with a minimum of 5 years' experience in the accounting field and experience in governmental accounting, including a working knowledge of GASB, are required. Preference will be given to candidates with a Master's in Accountancy, CPA, CGFM, or CPFO certification. Advanced level in Microsoft Office Suite, experience working in databases, and experience working with BS&A Software preferred.

Required Certificates, Licenses, and Registrations:

Continued employment is contingent upon all required licenses and certificates being maintained in active status without suspension or revocation.

- Michigan Driver's License.

Required Knowledge and Skills

Knowledge of:

- Principles and practices of generally accepted accounting standards, considerable knowledge of advanced accounting practices with an emphasis on governmental and fund accounting, including methods of financial reporting, financial statement preparation and financial strategic planning.
- Considerable knowledge of Microsoft Office Suite and Financial Databases
- Principles and practices of budget development and administration.

- Principles, practices of financial, and claims auditing.
- Applicable laws, codes, and regulations.
- Records management principles and practices.
- Administrative principles and practices, including goal setting, program development, implementation, and evaluation.
- Computer applications related to the work.
- Correct business English, including spelling, grammar, and punctuation.
- Principles and techniques of making effective oral presentations.
- Social, political, economic, environmental, and related issues influencing local government functions and activities.
- Techniques for working with a variety of individuals from various socio-economic, ethnic, and cultural backgrounds, in person and over the telephone.

Skills in:

- Performing advanced accounting tasks
- Assembling data to effectively organize and present information and recommendations
- Interpreting, applying, and explaining complex federal, state and local laws related to areas of responsibility.
- Planning, organizing, and administering a comprehensive financial management and reporting program.
- Providing customer services in an efficient manner that appropriately represents the Township.
- Dealing successfully with a variety of individuals from various socio-economic, ethnic, and cultural backgrounds, in person and over the telephone.
- Using tact, discretion, and prudence in dealing with those contacted in the course of the work.
- Analyzing organizational, administrative, and budgetary matters and recommending effective courses of action.
- Preparing clear and concise reports, correspondence, and other written materials.
- Making effective presentations before large and small groups.
- Using initiative and independent judgment within general policy guidelines.

PHYSICAL/MENTAL REQUIREMENTS:

The physical demands described herein are representative of those that must be met by an employee to successfully perform the essential functions of the job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Mobility to work in an office setting, use standard office equipment and stamina to sit/stand for extended periods of time; strength to lift and carry up to 10 pounds; vision to read printed materials and computer screen; and hearing and speech to communicate in person or over the telephone.

WORKING ENVIRONMENT:

Work is performed in an office setting.



Charter Township of Oscoda
110 South State Street
Oscoda, Michigan 48750
Office of Supervisor: (989)739-3211
Office of Clerk: (989)739-4971
Office of Treasurer: (989)739-7471
Office of Superintendent: (989)739-8299
Fax: (989)739-3344

Finance Director – Charter Township of Oscoda, Iosco County, Michigan is seeking an experienced and progressive municipal financial professional to serve as Finance Director. The Township Superintendent is responsible for management of day-to-day municipal operations, providing support and guidance to a seven-member Township Board and fulfilling a number of related statutory duties.

Oscoda Township is located in Northeast Michigan on the shores of Lake Huron and benefits from strong tourism and aviation-related economic sectors. Oscoda is the home of the former Wurtsmith Air Force Base and an active base conversion process has significantly impacted the community since 1993. The Township is fiscally sound and offers a wide variety of public services to residents and visitors (please see www.oscodatownshipmi.gov). The Township's 2020 General Fund Budget was just under \$3.2 million and the Total Budget including All Funds was over \$12.8 million.

Requirements for this position are a bachelor's degree in accounting with a minimum of 5 years' experience in the accounting field and experience in governmental accounting, including a working knowledge of GASB, are required. Advanced level in Microsoft Office Suite preferred. Experience working in databases preferred. Experience with BS&A Software preferred.

Anticipated salary is \$75,000, depending upon experience and qualifications, with an excellent benefits package. Please send cover letter, resume, references and salary history / expectation to superintendent@oscodatownshipmi.gov or mail to Dave Schaeffer, 110 S. State St. Oscoda, MI 48750. Position will remain open until filled; EOE.

DRAFT Resolution Number 2020-XX

CHARTER TOWNSHIP OF OSCODA

Resolution Regarding: Delineating the Duties of the Charter Township of Oscoda Treasurer

PREAMBLE:

The office of Treasurer for a charter township is required to receive and take charge of all funds belonging to the township or which are required by law to be paid into the township treasury, and to pay over and account for the funds according to law or township board decision.

It is very important that the Treasurer diligently maintains accurate records of all revenue and disbursements promptly deposit all receipts in township depositories, and invest idle funds in property investments. The Treasurer must notify the board if cash balances in any fund become overdrawn or if overdrawing appears imminent. The Treasurer must, however, pay out funds on the order of the township board notwithstanding any disagreement concerning the disbursement, provided the disbursement is not clearly a mistake or illegal.

The Management Comments from the 2019 Audit contained language detailing a material weakness associated with Financial Statement Preparation Controls: “If Management is not able to prepare financial statements, including disclosure, and the auditors are contracted to prepare these statements, this is considered a control deficiency. The effect of this material weakness is that reporting errors or omissions could occur in the preparation of the annual financial report that would be departures from Generally Accepted Accounting Principles (GAAP) and the Township would not be in a position to detect the errors or omissions. We recommend that Management and those charged with governance evaluate and document their decision on the costs and benefits of whether to contract for this service with our firm.

An example of where the Township relies on the auditor as a control for producing reliable financial statements is in the excessive number of adjusting journal entries proposed during the audit. By accounts not being adjusted monthly, the financial records provided to the Board each month are not an accurate reflection of the Township’s standings. This then adds substantial time and testing during the audit in determining accurate balances. We believe that a review and evaluation of the transactions with proper monthly and yearly closing procedures being performed would expedite the year-end closing process, reducing audit time and fees.”

Therefore, to assist with the administrative operations for the township, the Treasurer will delineate the delegation of certain statutorily assigned functions to other full-time and/or part-time employees of the township. It is understood that this assignment does not diminish the Treasurer’s statutory responsibilities and that these duties may be assumed at the Treasurer’s discretion at any

time. The Treasurer's practical ability to accomplish this is limited by staff resources and sufficient funding of these functions by the township Board.

STATUTORY RESPONSIBILITIES AND DELEGATION OF CERTAIN TASKS:

A. Appointment of Deputy Treasurer.

The Treasurer must appoint a Deputy, who serves at the pleasure of the Treasurer. In case of absence, sickness, death, or other disability of the Treasurer, the Deputy possesses the powers and performs the duties of the Treasurer, except that the Deputy does not have a right to vote on the Township board. The Township Board determines the compensation of the Deputy. (MCL 41.77 and MCL 211.111) The Township Board has established a salary range for the position of Deputy Treasurer, and the Township Board has delegated to the Township Superintendent the responsibility for compensation administration according to the appropriations adopted by the Board. The Deputy Treasurer is a general employee of the Township and shall be subject to the terms of the Personnel Policy Manual and the administration of it by the Township Superintendent. The Township Board has delegated hiring, discipline, and termination of occupants of this position to the Township Superintendent. The Treasurer may appoint the occupant of this position as Deputy Treasurer. The Treasurer may choose to appoint another individual as Deputy Treasurer, whose compensation will be determined by the Township Board.

The Treasurer affirms that the Deputy Treasurer for Charter Township of Oscoda is Jane Hackborn, and no additional compensation for the Deputy Treasurer is provided for in this arrangement.

B. Safekeeping of Funds.

The Treasurer must receive and take charge of monies belonging to the township, or that is required by law to be paid into the township treasurer's hands by virtue of the office and must properly credit all money paid out by the Treasurer on the order of the proper Township authorities. (MCL 41.65)

The Deputy Treasurer and Finance Director share tasks related to this statutory responsibility.

C. Provide list of depositories.

The township Treasurer shall provide a list of financial institutions authorized to receive deposit of township funds. This list shall be reviewed and approved, with or without amendment, by the Township Board on an annual basis. (MCL 41.77)

The tasks related to this statutory responsibility may be delegated to the Finance Director with the specific requirement that the proposed list of depositories be reviewed with the Treasurer prior to forwarding to the board for action.

D. Maintain Accounts.

The Treasurer shall keep an accurate accounting of the receipts and disbursements of Township money in a manner that meets the uniform accounting requirements of the State Treasurer. This system must properly account for the amount of money belonging to each of the Township's funds. (MCL 41.78)

The tasks related to this statutory responsibility may be delegated to the Finance Director.

E. Collects Taxes.

The Treasurer is the Township's agent for collecting taxes. With respect to the collection of property taxes, the Treasurer is required, upon receiving the tax roll and warrant, to mail each taxpayer or their designated agent a statement showing the description, the assessed valuation, taxable value, state equalized valuation of the property taxed and the amount of the tax. (MCL 42.27 and MCL 211.44) A listing of the aspects of tax collection process is briefly listed below:

- ✓ In order to collect taxes, the treasurer must have a tax roll. (MCL 211.44) The tax roll lists each taxable property, the taxable value of the property for tax purposes, the taxes levied against the property and the name and address of the most recent owner of the property provided the Assessing Department has updated the records properly.
- ✓ The Assessor is responsible for preparing the tax roll and delivering it to the Treasurer. The Assessor shall be granted access to the Tax Module within the Township's financial management software
- ✓ The tax roll may be a computerized database tax roll provided the system is certified by the Department of Treasury (MCL 211.42a).
- ✓ Upon receiving the tax roll, the Treasurer proceeds to collect taxes from December 1st through the last day of February or the next business day if the last day of February is not a business day. (MCL 211.44) The Treasurer must mail to each taxpayer a statement showing the description of the property, the taxable value of the property, and the amount of tax on the property.
- ✓ The Treasurer shall give a receipt for every tax paid and must enter into the tax system the payment and date. (MCL 211.46(2)) Partial payment of taxes or special assessments is authorized. (MCL 211.53)
- ✓ The Treasurer must complete settlement with the County Treasurer within 20 days after the time specified in the warrant. (MCL 211.54 and MCL 211.56)
- ✓ The Treasurer must complete the process defined in state law in order to forward the delinquent tax roll to the County Treasurer. (MCL 211.55)
- ✓ The Treasurer must follow procedures to ensure the collection of delinquent personal property taxes. (MCL 211.41 through MCL 211.48 and MCL 211.56)
- ✓ The Treasurer must negotiate collecting the summer school tax with the school district, if requested. (MCL 211.51)

F. The Treasurer is required to collect from the license of each mobile home a specific tax for each mobile home within the park. This tax must then be distributed to the township, county and school district pursuant to state law. (MCL 125.1042)

The tasks related to these statutory responsibilities may be delegated to the Deputy Treasurer with the specific requirement that all completion dates, issues or problems be communicated to the Treasurer. If problems occur that require a choice among various alternatives, the Treasurer must be consulted with and decide an appropriate course of action.

G. Sewer and Water Connection Fees.

The Township Treasurer shall receive payments of sewer and water connection and tap-in fees, issue refunds and transfers to the general fund as provided by law. (MCL 41.335) The tasks related to this statutory responsibility are delegated to the Deputy Treasurer.

H Investment of Public Funds.

The Township Board has authorized the Treasurer by resolution to invest surplus funds belonging to and under control of the Township. (MCL 129.91) Good cash management requires detailed records for the investments utilized.

The tasks related to this statutory responsibility are delegated to the Finance Director to prepare a monthly detailed investment report for the Board. Further, the Treasurer will ensure that the investments are made with lawful instruments, and that the instruments are appropriate given the specific cash flow requirements of the township. (Only those investments approved pursuant to subsection C are allowed.)

Further, the Treasurer and the Township Board will review the Township investment policy and selection of depositories on an annual basis.

I. Issue Dog Licenses.

On or before December 1st of each year, the Township Treasurer must apply to the County Treasurer for dog license blanks and tags. In the manner prescribed by the County Treasurer, the Township Treasurer must issue dog licenses and tags. No later than March 1st, the Treasurer must return all unused tags and books from which the licenses have been issued that contain the information about each dog.

The tasks related to this statutory responsibility may be delegated to the Deputy Treasurer.

J. Reconciliation of Bank Statements.

The Treasurer shall reconcile the township's bank statements with the collection records of the Township. This reconciled bank account balance and all cash and investment balances should be reconciled to the general ledger balances maintained by the Clerk on a monthly basis. (MCL 41.65 and MCL 41.78)

The tasks related to this statutory responsibility are delegated to the Finance Director, who will work closely with both the Clerk, Deputy Clerk, Treasurer, and Deputy Treasurer with the specific requirement that results of the aforementioned reconciled financial statements be provided to the Treasurer. Further, reconciliation should be completed within thirty (30) days from the end

of a month. If reconciliation is not completed within forty-five days from the end of a month, the Finance Director must specifically inform the Treasurer, explain the reasons for the delay and provide a projected completion date.

FUTURE REVIEW:

The aforementioned delineation of the delegation of certain tasks related to the statutory responsibilities of the office of Township Treasurer have been placed within this resolution to assist the township in planning and executing the administrative tasks of the Township. The Treasurer will review this resolution from time-to-time and may recommend changes to the Township Board for approval if modifications are appropriate and necessary.

Copies of this resolution, along with any subsequent approved amendment recommendations, shall be provided to the township Board, Deputy Treasurer, Clerk, Deputy Clerk, and Superintendent. Further, this resolution should be reviewed every four years by the newly elected Treasurer and either amended or reaffirmed.

Be it further resolved, that if a signature is necessary pursuant to the items as set forth within the above resolution, this resolution hereby authorizes the Township Supervisor and the Township Clerk to jointly sign as it concerns any such documents.

Moved by: _____.

Supported by: _____.

Yeas: _____.

Nays: _____.

Absent: _____.

Adopted this ____ day of _____.

CERTIFICATION

I hereby certify that the foregoing is a true and complete copy of a resolution adopted by the Township Board of the Charter Township of Oscoda, County of Iosco, and State of Michigan, at a meeting held on _____, the original of which is on file in my office and available to the public. Public notice of said meeting was given pursuant to and in compliance with the Open Meetings Act, Act No. 267 of the Public Acts of Michigan 1976, including in the case of a special or rescheduled meeting, notice by posting at least eighteen (18) hours prior to the time set for said meeting.

Dated: _____

John Nordeen, Township Clerk

DRAFT Resolution Number 2020-XX

CHARTER TOWNSHIP OF OSCODA

Resolution Regarding: Delineating the Duties of the Charter Township of Oscoda Clerk

PREAMBLE:

The office of Clerk for a charter Township has numerous statutorily assigned duties and responsibilities, most of which are administrative in nature. In addition to ancillary duties related to Township Board operations, Michigan law requires the Township Clerk to carry out three major responsibilities, which include (1) Township record keeping, (2) financial operations, and (3) elections.

However, it has become standard practice for various departments to maintain and locate their own records and files in proximity to their operations and to facilitate the efficient operations of the functions and duties assigned to those departments. The statutory functions of voter registration, elections, producing minutes, posting notices and meetings, keeping cemetery records, and keeping and maintaining ordinances and resolutions have been retained by the Clerk and his/her department staff.

The Management Comments from the 2019 Audit contained language detailing a material weakness associated with Financial Statement Preparation Controls: "If Management is not able to prepare financial statements, including disclosure, and the auditors are contracted to prepare these statements, this is considered a control deficiency. The effect of this material weakness is that reporting errors or omissions could occur in the preparation of the annual financial report that would be departures from Generally Accepted Accounting Principles (GAAP) and the Township would not be in a position to detect the errors or omissions. We recommend that Management and those charged with governance evaluate and document their decision on the costs and benefits of whether to contract for this service with our firm.

An example of where the Township relies on the auditor as a control for producing reliable financial statements is in the excessive number of adjusting journal entries proposed during the audit. By accounts not being adjusted monthly, the financial records provided to the Board each month are not an accurate reflection of the Township's standings. This then adds substantial time and testing during the audit in determining accurate balances. We believe that a review and evaluation of the transactions with proper monthly and yearly closing procedures being performed would expedite the year-end closing process, reducing audit time and fees."

Therefore, to assist with the administrative operations for the Township, the Clerk will delineate the delegation of certain statutorily assigned functions to other employees of the Township. It is understood that this assignment does not diminish the Clerk's statutory

responsibilities and that these duties may be assumed at the Clerk's discretion at any time. The Clerk's practical ability to accomplish this is limited by staff resources and sufficient funding of these functions by the Township Board.

STATUTORY RESPONSIBILITIES AND DELEGATION OF CERTAIN TASKS:

A. Custody of All Township Records.

The Clerk shall have custody of all the records, books, and papers of the Township, unless state law makes other provision. (MCL 41.65) This does not require the Clerk to have physical custody of every document since state law differentiates between having "custody" and "filing" records and papers. Rather, the Clerk can have custody of a record without that record being filed in the Clerk's office. However, this statutory responsibility is far reaching and encompasses tasks as mundane as sorting and disseminating incoming mail.

The Clerk hereby delegates the responsibility to file and categorize some Township documents to the Township Superintendent and, under his/her supervision, the various department heads. To that end, it is acknowledged that the Superintendent may assign tasks related to this delegation to other staff as deemed necessary and appropriate.

The Superintendent must meet quarterly with the Clerk to review the filing of these documents. This will include how documents are physically or electronically filed.

The Clerk hereby delegates the responsibility to receive and disseminate incoming mail to the Finance Director, in the absence of the Executive Secretary, to another employee designated by the Superintendent.

B. Record and Maintain Township Meeting Minutes.

The Clerk shall transcribe, in the book of records of the Township, the minutes of each proceeding of each Township Board meeting, and shall enter into the minute book each order, direction or rule made by the Township Board. (MCL 41.66)

This statutory responsibility and related duties are not delegated.

C. Maintains the Township Book of Oaths.

The Township Clerk shall file and safely keep all certificates of oath and other papers required by law to be filed in the Clerk's office. (MCL 41.65)

This statutory responsibility and related duties are not delegated.

D. Responsible for Special Meeting Notices.

Upon call of the supervisor or Board members pursuant to State Law, the Township Clerk shall give notice of the time and place of a special meeting of the Township Board, as required by law. (MCL 41.72a or MCL 42.7)

This statutory responsibility and related duties are not delegated.

E. Maintains the Township Ordinance Book.

Within one week after the first publication of an ordinance, the Clerk shall record the ordinance in a book of ordinances. (MCL 41.185)

This statutory responsibility and related duties are not delegated.

F. Maintains the General Ledger.

The Clerk records the revenues received and the expenditures paid out by the Treasurer, and prepares and maintains the journals and ledgers necessary to reflect the assets, liabilities, fund equities, revenues, and expenditures for each fund in the Township. (MCL 41.65)

The Clerk hereby delegates this task to the Finance Director.

This delegation is limited by the following:

1. The Clerk will meet with the Superintendent, Deputy Clerk, Treasurer, and Deputy Treasurer to review the revenue/expenditure report, aged accounts, and other financial records, ask questions, raise concerns, discuss the fiscal implications and propose recommendations and plans.
2. The Clerk may make inquiries at any time regarding the financial records of the Township in response to any queries or concerns.

G. Prepares warrants for Township checks.

The Township Clerk must open and keep a separate account for each Township fund, credit each fund with the amounts that properly belong to it, and charge each fund with warrants drawn on the Township Treasurer and payable from that fund. (MCL 41.65)

The Clerk hereby delegates this task to the Finance Director. It is noted that this delegation of tasks related to the preparation of warrants for Township checks includes payroll preparations. The Deputy Clerk will continue to assist in the preparation of payroll warrants and the Deputy Treasurer will continue the in the preparation of all other warrants.

This delegation is limited by the following:

1. The Clerk shall review the invoice report and invoices prior to Board meetings.
2. The Clerk may make inquiries at any time regarding the invoice report in response to any queries or concerns.
3. The Clerk delegates to the Finance Director the authority to sign certain checks, specified in writing, with the Clerk's electronic signature.

H. Prepares Financial Statements.

The Clerk is responsible for the detailed accounting records of the Township utilizing the uniform chart of accounts as prescribed by the state Treasurer. (MCL 41.65)

The Clerk hereby delegates this task to the Finance Director.

This delegation is limited by the following:

1. The Clerk shall meet with the Township auditors, as appropriate and necessary, and shall participate in the management review of the audit prior to presentation to the full Board.
2. The Clerk may make inquiries at any time regarding the audit process and/or progress in response to any queries or concerns.

I. Delivers Tax Certificates to Supervisor.

The Clerk is required to deliver to the Supervisor and county Clerk, on or before September 30th, a certified copy of all statements and certificates, including records of all resolutions and votes authorizing money to be raised by taxation and the aggregate amount to be levied for Township, school, highway, drain and any other purpose. (MCL 211.36)

The Clerk hereby authorizes the preparation these documents to the Assessor, who reports to the Township Superintendent. The Assessor must:

1. Meet with the Clerk and review the necessary form and any related documents.
2. The necessary form shall be signed by the Clerk. If the Clerk is absent and cannot be reached prior to September 30th, the Deputy Clerk shall execute the form and provide a copy for the Clerk's review upon return.

J. Maintain Voter Registration Files and Conduct Elections.

The Township Election Commission, which consists of the Clerk and two trustees of the Board, is in charge of all Township elections. The Clerk is the chairperson of the election commission. (MCL 42.4)

Due to the volume, accuracy and complexity of the maintenance of the voter registration files, the Clerk will require assistance by the Deputy Clerk. The Clerk may delegate the tasks associated with conducting Township elections and following the numerous statutory provisions required to Deputy Clerk or other staff member who is qualified to perform that function.

This delegation, if exercised, is limited by the following:

1. The delegate shall provide frequent updates, by phone, email, or in person to the Clerk to ensure that the Clerk can properly supervise the elections process.

2. The Clerk shall retain responsibility to establish the boundaries and determine the size of the Township precincts, working with and through the elections commission.
3. The Clerk shall retain sole responsibility for assessing the Township's voting equipment and recommending additional purchases to the Township Board.
4. The Clerk shall retain sole responsibility for proofing ballots. Moreover, the Deputy Clerk shall inform the Clerk regarding the furnishing of election supplies prior to finalizing any order.
5. The delegate shall assist the Clerk by receiving the applications for election inspectors and preparing a list for the Clerk; the Clerk shall select proposed inspectors and bring to the Elections Commission for appointment.

K. Taking Office.

The term of office for all Township officials is four years. The terms commence at noon on November 20. To qualify for office, each member of the Township Board shall be certified by the Board of Canvassers and must take the oath of office any time between noon on November 20th and January 1st. The Clerk shall ensure that the Board members take the necessary oath of office and that a bond is filed, in an amount and with sureties as required and approved by the Township Board. (MCL 41.69)

This statutory responsibility and related duties are not delegated.

L. Appointing a deputy.

The Clerk must appoint a deputy, who serves at the pleasure of the Clerk. In case of absence, sickness, death or other disability of the Clerk, the deputy possesses the powers and performs the duties of the Clerk, except that the deputy does not have a right to vote on the Township Board. The Township Board determines the salary and compensation of the deputy. (MCL 41.69) The Township Board has established a salary range for the position of Deputy Clerk, and the Township Board has delegated to the Township Superintendent the responsibility for compensation administration according to the appropriations adopted by the Board. The Deputy Clerk is a general employee of the Township and shall be subject to the terms of the Personnel Policy Manual and the administration of it by the Township Superintendent. The Township Board has delegated hiring, discipline, and termination of occupants of this position is delegated to the Township Superintendent. The Clerk may appoint the occupant of this position as Deputy Clerk. The Clerk may choose to appoint another individual Deputy Clerk, whose compensation will be determined by the Township Board.

The Clerk affirms that the Deputy Clerk for Oscoda Charter Township is currently Shelly Kimsel.

FUTURE REVIEW:

The aforementioned delineation of the delegation of certain tasks related to the statutory responsibilities of the office of Township Clerk have been placed within this resolution to assist the Township in planning and executing the administrative tasks of the Township. The Clerk will

review this resolution from time-to-time and may recommend changes to the Township Board for approval if modifications are appropriate and necessary.

Copies of this resolution, along with any subsequent approved amendment recommendations, shall be provided to the Township Board, Deputy Treasurer, Clerk, Deputy Clerk, and Superintendent. Further, this resolution should be reviewed every four years by the newly elected Clerk and either amended or reaffirmed.

Be it further resolved, that if a signature is necessary pursuant to the items as set forth within the above resolution, this resolution hereby authorizes the Township Supervisor and the Township Clerk to jointly sign as it concerns any such documents.

Moved by: _____.

Supported by: _____.

Yeas: _____.

Nays: _____.

Absent: _____.

Adopted this ____ day of _____.

CERTIFICATION

I hereby certify that the foregoing is a true and complete copy of a resolution adopted by the Township Board of the Charter Township of Oscoda, County of Iosco, and State of Michigan, at a meeting held on _____, the original of which is on file in my office and available to the public. Public notice of said meeting was given pursuant to and in compliance with the Open Meetings Act, Act No. 267 of the Public Acts of Michigan 1976, including in the case of a special or rescheduled meeting, notice by posting at least eighteen (18) hours prior to the time set for said meeting.

Dated: _____

John Nordeen, Township Clerk



Photo Album for
Oscoda Township FD., MI
Job # 35123
W/O # 26281731
September 19, 2020

This week your new Pierce Pumper began final assembly after the body was mounted. Next week your truck should continue with final assembly and installation of option content.



DSC00113



DSC00114



DSC00115



DSC00116



DSC00117



DSC00118



DSC00119

Introduction

The purpose of this guide is to provide information about the military training activities that took place at the former Wurtsmith Bombing Gunnery Range and to raise awareness of the explosive hazards that may exist at the property.

The former Wurtsmith Bombing Gunnery Range was used between 1943 and 1959 by the U.S. Army and the U.S. Air Force for bombing and gunnery practice, including strafing operations. An area of the former Wurtsmith Bombing Gunnery Range, known as Bombing and Gunnery Range, has been identified through historical research and site visits as having potential explosive hazards. The munitions known or suspected to have been used at the range include general purpose bombs, practice bombs, medium caliber munitions, rockets, practice rockets, pyrotechnics and small arms ammunition.

The former Wurtsmith Bombing Gunnery Range is located in Mikado and Oscoda Charter townships, east of State Highway 65 and north of the Au Sable River, in Alcona and Iosco counties, Michigan. The Bombing and Gunnery Range is publicly owned and is used for forest management and recreational purposes.

Because explosive hazards associated with military munitions from past military training may remain at the Bombing and Gunnery Range, the U.S. Army Corps of Engineers recommends that landowners and visitors follow the **3Rs of Explosives Safety – Recognize, Retreat and Report.**



Example of a general purpose bomb

Former Wurtsmith Bombing Gunnery Range

For More Information



US Army Corps of Engineers.

The U.S. Army Corps of Engineers is responsible for identifying, investigating and, when necessary, conducting an appropriate response to address contamination and military munitions resulting from past Department of Defense activities at Formerly Used Defense Sites, also referred to as FUDS.

For information about the former Wurtsmith Bombing Gunnery Range, contact the FUDS Information Center by calling the toll-free number 1-855-765-FUDS (3837). For general information about the FUDS Program, visit www.fuds.mil.

Follow the 3Rs of Explosives Safety

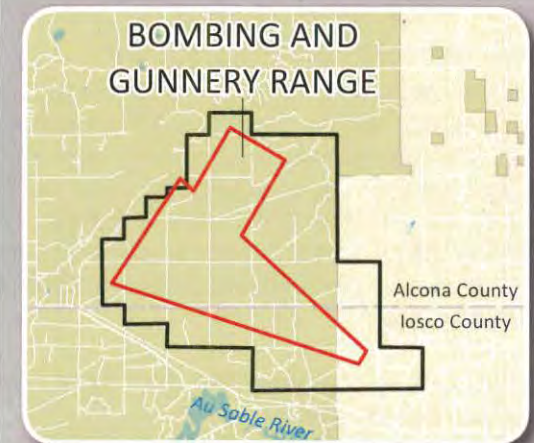


Visit the U.S. Army's Explosives Safety Education website:
<https://3Rs.mil>

3Rs Safety Guide

Former Wurtsmith Bombing Gunnery Range

Michigan
Alcona and Iosco Counties



Bombing and Gunnery Range





Source: <http://www.2db.com>

U.S. Army pilots flying Curtiss P-40 Warhawk fighters over the former Wurtsmith Bombing Gunnery Range

Frequently Asked Questions

Q: *What types of potential hazards exist?*

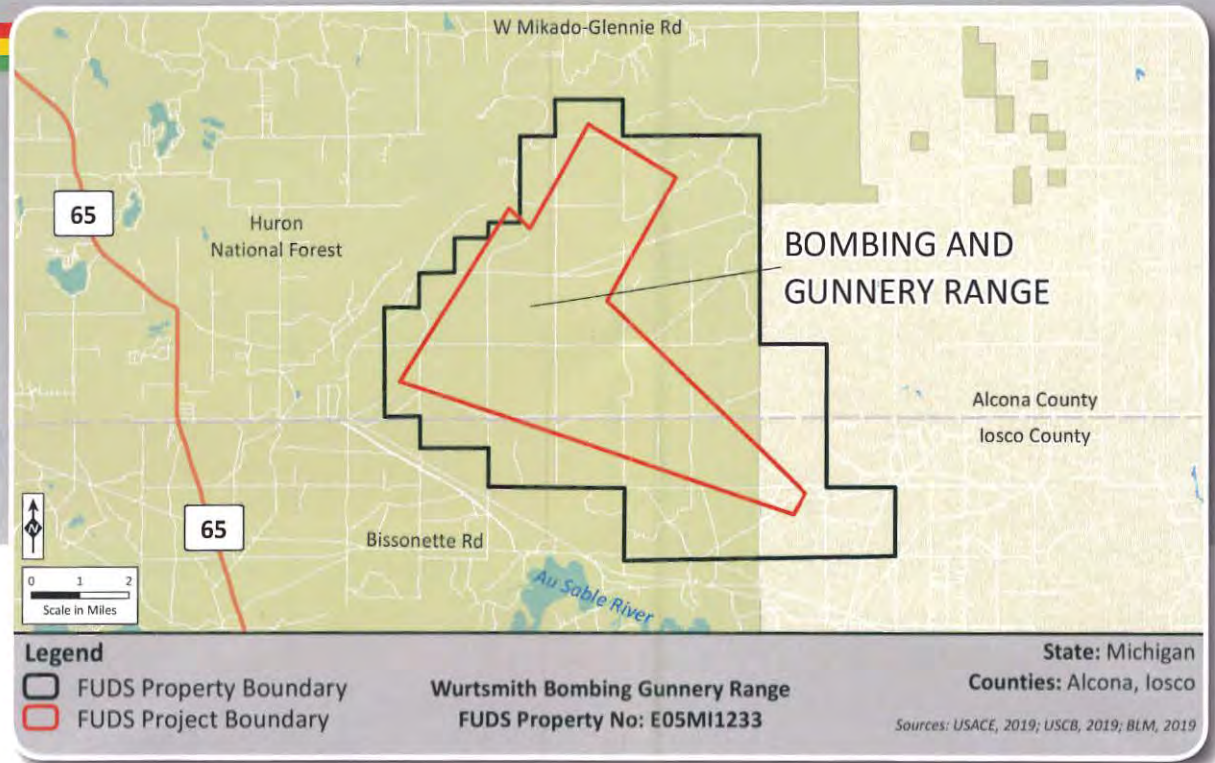
A: Military munitions, such as general purpose bombs, practice bombs, medium caliber munitions, rockets, practice rockets, pyrotechnics and small arms ammunition, were potentially used at the former Wurtsmith Bombing Gunnery Range. The U.S. Army Corps of Engineers is unable to rule out the presence of munitions that may pose an explosive hazard.

Q: *What do I do if I suspect I may have come across a military munition?*

A: If you suspect you may have come across a military munition, the best way to ensure your safety is to follow the 3Rs of Explosives Safety: **R**ecognize – when you may have come across a munition, and that munitions are dangerous; **R**etreat – do not approach, touch, move or disturb it, but carefully leave the area; and **R**eport – immediately what you saw and where you saw it to local law enforcement, call 911.

Q: *What are the findings of the work that the government has completed?*

A: Historical research and site inspections indicate that military munitions were potentially used at this



range, and some munitions may remain on the property. The U.S. Army Corps of Engineers has determined that further investigation is required for the Bombing and Gunnery Range at the former Wurtsmith Bombing Gunnery Range.

Q: *What will be done next?*

A: The U.S. Army Corps of Engineers will make explosives safety education material that is based on the 3Rs available to landowners and the community. Additionally, it will coordinate with landowners as it plans required response activities.

Q: *Where can I get more information?*

A: For more information, call the Formerly Used Defense Sites Information Center toll-free number 1-855-765-FUDS (3837) or visit the Interim Risk Management link at www.fuds.mil. Learn more about munitions and explosives safety at <https://3Rs.mil>.

Follow the 3Rs of Explosives Safety

Recognize

when you may have come across a munition, and that munitions are dangerous.

Retreat

do not approach, touch, move or disturb it, but carefully leave the area.

Report

immediately what you saw and where you saw it to local law enforcement, call 911.



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, LOUISVILLE DISTRICT
600 DR. MARTIN LUTHER KING JR PL
LOUISVILLE, KY 40202

CELRL-PL

September 9, 2020

Aaron Weed
Township Supervisor
Oscoda Township
110 State St
Oscoda, MI 48750

**Subject: Notification and Safety Education Initiative at Department of Defense
Formerly Used Defense Sites**

Dear Supervisor Weed:

The U.S. Army Corps of Engineers (USACE), which executes the Formerly Used Defense Sites (FUDS) Program on behalf of the Army, conducts notification and safety education activities at FUDS with munitions-related concerns when additional investigations are not expected to occur in the near future. This letter is to advise you that information will be mailed to landowners whose property may be subject to environmental or safety concerns linked to past Department of Defense (DOD) activities at the FUDS on the enclosed list.

Congress established DOD's FUDS Program as part of the Defense Environmental Restoration Program to address properties formerly owned by, leased to, or otherwise possessed by the DOD prior to October 1986 that may contain environmental contamination or military munitions resulting from past DOD activities. USACE is responsible for identifying, investigating and, when necessary, conducting an appropriate response to address contamination or military munitions at the approximately 5,400 FUDS properties across the country that still require a response.

After initial site inspections, USACE identified properties which may have munitions-related concerns and require further investigation. Due to the large number of munitions response sites (MRS), not every site can be addressed immediately. Because safety is the Army's number one priority at FUDS, USACE will provide landowners on a FUDS MRS a notification letter and a site-specific safety guide at least once every five years.

Should military munitions remain on these properties, they are most likely below ground surface; however, there is a possibility that some may have become partially or fully exposed. If present, these military munitions may pose an explosive hazard.

Subject: Notification and Safety Education Initiative at Department of Defense
Formerly Used Defense Sites

It may be some time before USACE is able to fully investigate the extent of the environmental contamination or military munitions at each of the identified FUDS; therefore, the site-specific safety guides include information on actions to take to reduce the risks that may remain from past DOD activities. For MRS with potential explosive hazards, the safety information encourages readers to follow the 3Rs of Explosive Safety: **Recognize** – when you may have come across a munition, and that munitions are dangerous; **Retreat** – do not approach, touch, move, or disturb it, but carefully leave the area; and **Report** – immediately what you saw and where you saw it to local law enforcement, call 911. Local law enforcement will arrange for Department of Defense Explosive Ordnance Disposal or police bomb squad personnel to locate, evaluate, and address the situation. For more information please visit: <https://3Rs.mil>.

The Deputy Assistant Secretary of the Army has informed your congressional representatives of the notification and safety education activities. This notification letter will also be forwarded to local officials and offices that may be called as first responders. A copy of the distribution list is enclosed.

Enclosed are copies of the site-specific safety guides and a sample of the notification letter that will be mailed to landowners within an MRS. Questions about this notification process can be answered by contacting Shatara Riis, Environmental PAO, at (502) 315-6769 or by email at Shatara.R.Riis@usace.army.mil. Additional information on the FUDS Program can be found at www.fuds.mil.

Sincerely,



Ronald Gruzesky, P.E.
FUDS Program Manager
U.S. Army Corps of Engineers,
Louisville District

Enclosures:

- (1) List of FUDS Projects
- (2) Government Distribution List
- (3) FUDS Notification and Safety Education Fact Sheet
- (4) Sample Letter to Landowners
- (5) Site-Specific Safety Guides

Oscoda Township Projects

Notification and Safety Information will be mailed to property owners within the following Oscoda Township Formerly Used Defense Sites (FUDS). More information about these projects, including an interactive map, is available at www.fuds.mil.

Project List

Wurtsmith Bombing Gunnery Range, Bombing and Gunnery Range, E05M1123301

Oscoda Township Distribution List

The Honorable Jim Stamas, Michigan State Senate, District 36, PO Box 30036, Lansing, MI,
48909-7536

The Honorable Sue Allor, Michigan State House of Representatives, District 106, PO
Box 30014, Lansing, MI, 48909

Aaron Weed, Supervisor, Oscoda Township, 110 State St, Oscoda, MI, 48750

Mark David, Police Chief, Oscoda Township, 110 State St, Oscoda, MI, 48750

Allan MacGregor, Fire Chief, Oscoda Township, 110 State St, Oscoda, MI, 48750



Formerly Used Defense Sites Notification and Safety Education Initiative Interim Risk Management

U.S. ARMY CORPS OF ENGINEERS

Background

For more than 200 years, our military forces participated in maneuvers and live-fire training and testing on properties throughout the United States in preparation to defend our national interests. Some of these activities resulted in a need for an environmental response. Properties the Department of Defense (DOD) used for these purposes and transferred to private or public uses before October 1986 are known as Formerly Used Defense Sites or FUDS. The DOD is committed to responding to environmental contamination and military munitions on FUDS resulting from the military services' past use that may pose an unacceptable risk to human health and the environment. Before transferring these properties to public uses, the DOD responded using the best technologies and procedures available at the time.



BUILDING STRONG.

The Department of the Army is the leading agency for the FUDS Program and the U.S. Army Corps of Engineers executes the program on behalf of the Army and the Department of Defense. The Army Corps of Engineers is committed to responding to contamination and military munitions (e.g., unexploded ordnance) present on these properties to allow for their safe use. Active coordination, consultation and collaboration with landowners, state and federal regulators, tribal and local governments, and affected communities are critical to the Army Corps of Engineers' activities. While conducting these activities, the Army Corps of Engineers ensures its actions are protective of human health and the environment and conducted in a safe and transparent manner. It also works hard to keep interested parties informed of its activities, including offering affected communities and landowners opportunities to express their views early and continuously throughout the process.

Notification and Safety Education Initiative

With approximately 5,400 FUDS, not every site can be addressed immediately. For this reason, and in the interest of public safety, the Army is implementing notification and safety education activities. The Army Corps of Engineers implements these activities at eligible FUDS at least once every five years beginning with military munitions sites that pose the greatest potential risk. These activities are designed to help reduce impacts to human health, safety and the environment until further response activities can be initiated. The goal is to educate landowners and others about how to reduce risk from hazards that may remain from the defense department's use of the property. The Army Corps of Engineers uses cost-effective methods to help safeguard affected communities, maintain transparency, and allow for early and continuous engagement with landowners, affected communities and other stakeholders.

Types of activities the Army Corps of Engineers implements at a FUDS include:

- Notifying landowners whose land is within a FUDS boundary;
- Coordinating with government officials whose constituents reside within a FUDS boundary;
- Staffing a toll-free FUDS information telephone line: 1-855-765-FUDS (3837);
- Providing 3Rs (Recognize, Retreat and Report) Explosives Safety Program (www.denix.osd.mil/uxo) materials at those FUDS where military munitions may be present; and,
- Conducting public education activities tailored to specific projects.

The Army Corps of Engineers will implement these notification and safety education activities at designated FUDS at least once every five years. For more information about the FUDS Program see www.fuds.mil.

U.S. ARMY CORPS OF ENGINEERS – HEADQUARTERS

441 G Street, NW
Washington, DC 20314-1000
www.usace.army.mil



DEPARTMENT OF THE ARMY
U.S. ARMY ENGINEER DISTRICT, LOUISVILLE
CORPS OF ENGINEERS
P.O. BOX 59
LOUISVILLE, KENTUCKY 40201-0059

REPLY TO
ATTENTION OF:

October 9, 2020

Planning, Programs, and Project
Management Division

SUBJECT: parcelAddr

fName lName
ownerContact
ownerAddr
ownerCityStateZip
ownerCountry

Dear Property Owner:

This letter advises you that the property listed above is located on property that has been identified as being eligible under the Department of Defense's Formerly Used Defense Sites Environmental Restoration Program. The Formerly Used Defense Sites property name and project property identification number are propName, projName, and propNum.

Congress established Department of Defense's Formerly Used Defense Sites Program as part of the Defense Environmental Restoration Program to address properties formerly owned by, leased to, or otherwise possessed by the Department of Defense that may contain environmental contamination or military munitions resulting from past Department of Defense-related activities. Department of Defense has assigned the Army responsibility for the Formerly Used Defense Sites Program, and the U.S. Army Corps of Engineers executes this program on behalf of Army and Department of Defense. U.S. Army Corps of Engineers is responsible for identifying, investigating and, when necessary, conducting an appropriate response to address such contamination or military munitions at approximately 5,400 Formerly Used Defense Sites across the country.

Available information indicates military munitions may be present on or near your property as a result of past munitions-related activities that Department of Defense conducted on this Formerly Used Defense Sites property. More specific information is enclosed. Should military munitions remain on this Formerly Used Defense Sites property, they are most likely below the ground surface; however, there is a possibility that some may have become partially or fully exposed. If present, these military munitions may pose an explosive hazard to you, your family, other property users, or the public. The Army recommends you share the enclosed information with those who use your property, including those who lease or rent your property.

To protect yourself, your family, and other property users, please review the enclosed explosive safety education materials, be aware of the potential hazards present, and follow the 3Rs of explosive safety: **Recognize** when you may have come across a munition, and that munitions are dangerous; **Retreat**, do not approach, touch, move or disturb it, but carefully leave the area; and **Report** immediately what you saw and where you saw it to local law enforcement -- call 911. Local law enforcement will arrange for Department of Defense Explosive Ordnance Disposal or police bomb squad personnel to remove and destroy it. (See, www.denix.osd.mil/uxosafety.)

The Army is committed to investigating and, when determined necessary, conducting an appropriate environmental response at Formerly Used Defense Sites properties. U.S. Army Corps of Engineers will coordinate its investigation with the appropriate regulators and determine whether an environmental response may be required at this Formerly Used Defense Sites property. U.S. Army Corps of Engineers will seek your approval prior to conducting response activities, including an investigation, if determined necessary on your property. However, because of the large number of Formerly Used Defense Sites it may be some time before U.S. Army Corps of Engineers is able to investigate this Formerly Used Defense Sites property further to determine whether military munitions are present and a response is required.

If you have any questions about the Formerly Used Defense Sites Program or explosives safety, please contact our toll free information center, 1-855-765-FUDS (3837). Additional information on the Formerly Used Defense Sites Program can be found at www.fuds.mil.

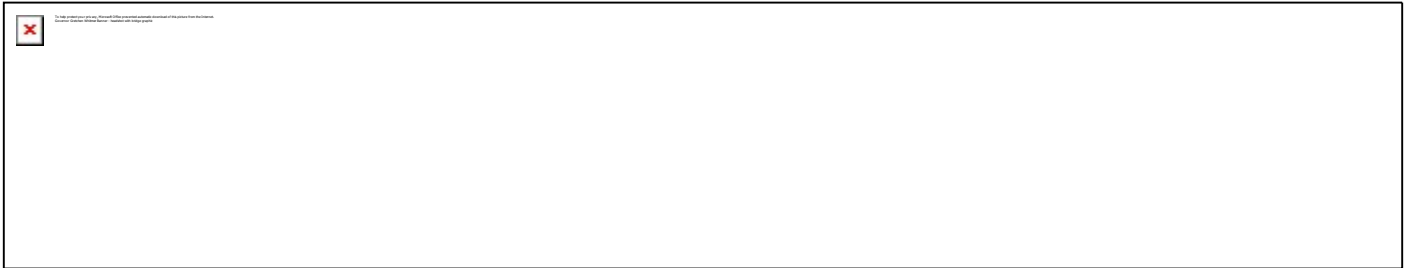
Sincerely,

Antoinette R. Gant
Colonel, U.S. Army
District Commander

Enclosure

Tammy Kline

From: Michigan Executive Office of the Governor <mieog@govsubscriptions.michigan.gov>
Sent: Tuesday, September 22, 2020 3:48 PM
To: Dave Schaeffer
Subject: RELEASE: Gov. Whitmer Urges U.S. Air Force to Comply With Michigan PFAS Standards During Wurtsmith Air Force Base Cleanup



FOR IMMEDIATE RELEASE

September 22, 2020

Media Contact: Press@Michigan.gov

Gov. Whitmer Urges U.S. Air Force to Comply With Michigan PFAS Standards During Wurtsmith Air Force Base Cleanup

LANSING, Mich. -- Today, Governor Gretchen Whitmer sent a letter to Assistant Secretary of the Air Force John Henderson urging the United States Air Force to comply with State of Michigan standards for per- and polyfluoroalkyl substances (PFAS) in the clean-up efforts at the former Wurtsmith Air Force Base near Oscoda, Michigan. The letter comes after the Michigan Department of Environment, Great Lakes, and Energy (EGLE) sent a letter to the Air Force identifying the State's PFAS clean-up standards that EGLE expects the Air Force to meet.

“Like all Michiganders, residents living around Wurtsmith deserve to know we are prioritizing their health and safety. Since EGLE first identified PFAS concentrations in groundwater at the former Wurtsmith Air Force Base, the State been committed to protecting the Oscoda community and working to clean up PFAS contamination,” said **Governor Whitmer**. “While I am encouraged by the recent willingness of the Air Force to implement interim actions that begin to address concerns that the State and the Oscoda community have long expressed, the Air Force must comply with state standards to prove to the community that they are focused on protecting public health. I am also committed to working with our strong partners in the Michigan Congressional delegation to ensure that the Air Force is accountable and adequately funded to accomplish these goals.”

Since taking office in January of 2019, Governor Whitmer has prioritized cleaning up Michigan's drinking water and protecting public health and the environment. She strengthened the Michigan PFAS Action Response Team (MPART), a multi-agency effort to identify and remediate PFAS contamination throughout Michigan, and increased state funding for drinking water projects, including PFAS research and remediation.

In the absence of federal drinking water regulations for any PFAS, Governor Whitmer directed EGLE to set Michigan's own science-based drinking water standards. The [resulting standards](#) represent input from a diverse group of stakeholders who helped EGLE shape regulations that are practical, science-driven and, protective of public health. The regulations, which also strengthen Michigan's existing groundwater clean-up criteria for the two most frequently detected PFAS, are some of the nation's most comprehensive regulations limiting PFAS contamination.

To view the governor's letter and EGLE's, click the links below:

- [EGLE Wurtsmith Letter.pdf](#)
- [Letter from Gov Whitmer to ASAF Henderson.pdf](#)

###

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This email was sent to Superintendent@oscodatowshipmi.gov using GovDelivery Communications Cloud on behalf of: Michigan Executive Office of the Governor · 111 S. Capitol Ave · Lansing, Michigan 48901





GRETCHEN WHITMER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
LANSING



LIESL EICHLER CLARK
DIRECTOR

September 18, 2020

VIA E-MAIL

Mr. David P. Gibson Jr., GS13, DAF
Program Manager
BRAC Program Management Division
AFCEC/CIBE
BRAC Program Management Division
Bldg. 1, 3515 Southern General McMullin Ave.
San Antonio, Texas 78266

Subject: Identification of State Applicable or Relevant and Appropriate
Requirements, Former Wurtsmith Air Force Base; Oscoda, Michigan

Dear Mr. Gibson:

The State of Michigan has received your August 6, 2020, letter requesting the Michigan Department of Environment, Great Lakes, and Energy (EGLE) provide the United States Air Force (Air Force) a list of its identified state applicable and relevant and appropriate requirements (ARARs) and other advisories, criteria, or guidance to be considered that may be useful in developing a remedy at the site (TBCs, "To Be Considered") for the remedial investigation, including the interim remedial actions, for the Former Wurtsmith Air Force Base. The State appreciates your commitment to the Air Force's obligations under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), 42 U.S.C. § 9601 *et seq.*, and the National Oil and Hazardous Substances Pollution Contingency Plan (NCP) (40 CFR Part 300) regarding compliance with state law for its cleanup at the Former Wurtsmith Air Force Base.

Attached to this letter are two tables of the State's identified ARARs and TBCs: one for the final remedy and one for the multiple proposed interim remedial actions that the Air Force has indicated will be part of the planned Remedial Investigation. These tables list State ARARs as well as State and local TBCs.

As indicated by the Air Force, Section 121(d) of the CERCLA requires that on-site remedial actions attain or waive federal environmental ARARs, or more stringent state environmental ARARs, upon completion of the remedial action. The State has limited its submission of ARARs and TBCs to state and local requirements, consistent with CERCLA's requirement that federal ARARs must be attained or waived, regardless of identification by the State. 42 USC 9621(d)(2).

While state proposed ARARs and TBCs must be timely identified in order to be binding requirements on a cleanup, federal ARARs must be attained or waived regardless of the

Mr. David P. Gibson Jr., GS13, DAF

September 18, 2020

Page 2

State's identification under Section 121(d)(2). Thus, the Air Force is obligated to comply with federal ARARs regardless of their identification by the State. The State is, however, committed to working with the Air Force to help determine the federal ARARs for the Former Wurtsmith Air Force Base to ensure the cleanup protects the public health, safety, welfare, and the environment.

In addition, as noted by the Air Force in its ARARs request, as the remedy moves through the remedial investigation and feasibility study stages of the CERCLA process, the State will work with the Air Force toward a final ARARs list and reserves its right to add to or clarify the identified ARARs and TBCs.

We value the Air Force following the requirements of CERCLA and the NCP in requesting that the State timely identify ARARs and TBCs to help identify the State requirements early on that must be met in the process of selecting and implementing remedial actions at the Former Wurtsmith Air Force Base that protect public health and environment.

If you have additional questions concerning this matter, please contact me at 517-899-7524; PlaceB1@Michigan.gov; or EGLE, Remediation and Redevelopment Division, P.O. Box 30426, Lansing, Michigan 48909-7926.

Sincerely,



Beth Place, Project Manager
Superfund Section
Remediation and Redevelopment Division

Attachments

att/cc: Ms. Polly Synk, AG
Ms. Megen Miller, AG
Mr. Mike Neller, EGLE
Mr. David Kline, EGLE
Mr. John Bradley, EGLE
Mr. Brad Ermisch, EGLE

State Chemical-Specific ARARs

STATE ARARs for US AIR FORCE FINAL REMEDIAL ACTIONS AT WURTSMITH AIR FORCE BASE				
STATE CHEMICAL-SPECIFIC ARARs				
Statute or Regulation	Citation	Description	ARAR/TBC	Rationale
Michigan Natural Resources and Environmental Protection Act (NREPA), Public Act 451, Part 31 - Water Resources Protection	Mich. Comp. Laws 324.3101-3133	Prohibits direct or indirect discharge to waters of the state of a substance that is injurious to public health, safety, welfare; to domestic, commercial, industrial, agricultural, recreational, or other uses of waters of the state; to the value or utility of riparian lands; to livestock, wild animals, birds, fish, aquatic life, or to their growth or propagation; and to the value of fish and game. Establishes rules specifying standards for several water quality parameters. Prohibits discharges unless authorized by a permit.	Applicable	Substantive requirements of an NPDES permit must be attained for any discharge to waters of the state as defined in Part 31. Any remedial action that results in the unacceptable discharge of injurious substances will not attain state ARARs.
NREPA Part 31 Rules	Michigan Administrative Code (Mich. Admin. Code), R. 323.1041-1117 (Part 4 Rules)	The Part 4 Rules specify water quality standards which shall be met in all waters of the state. The rules require that all designated uses of the receiving water be protected, including indigenous aquatic life and wildlife.	Applicable	These rules prescribe water quality standards for surface water for pollutants, including toxic substances, and drive the need to reduce contaminant loading to surface waters and groundwater, and aquatic life and wildlife. Surface water quality standards may be used to assess surface water quality in the vicinity of the Site and as a means to gauge effectiveness of a remedial action.

State Chemical-Specific ARARs

STATE ARARs for US AIR FORCE FINAL REMEDIAL ACTIONS AT WURTSMITH AIR FORCE BASE				
STATE CHEMICAL-SPECIFIC ARARs				
Statute or Regulation	Citation	Description	ARAR/TBC	Rationale
NREPA Part 31 Rules	Mich. Admin. Code, R. 323.1201-1221 (Part 8, Water Quality-Based Effluent Limit Development for Toxic Substances Rules)	In accordance with federal WPCA and CWA, the Part 8 Rules establish chemical-specific water quality-based effluent limits (WQBELs) for point-source discharges.	Applicable	These rules establish water quality standards for pollutants for surface waters. Part 201 requires that remedial actions comply with Part 31 and its promulgated rules. Criteria are applicable to venting groundwater, storm water, and discharge associated with implementing the remedial action.
NREPA Part 31 Rules	Mich. Admin. Code, R. 323.2101-2104, 2136-2140, 2142-2145, 2149, 2152-2155, 2160-2161, 2190 (Part 21, Wastewater Discharge Permit Rules)	The Part 21 Rules establish waste effluent discharge system procedures for the NPDES program.	Relevant and Appropriate	Substantive requirements of state discharge permits (including storm water permits) must be attained for remedial actions taking place on site.
NREPA Part 31 Rules	Mich. Admin. Code, R.323.2201 - 2240 (Part 22, Groundwater Quality Rules)	The Part 22 Rules establish the process for a groundwater discharge permit program and set groundwater classification and associated water quality standards.	Relevant and Appropriate	Substantive requirements will apply to any remedial alternatives that impact groundwater.

State Chemical-Specific ARARs

STATE ARARs for US AIR FORCE FINAL REMEDIAL ACTIONS AT WURTSMITH AIR FORCE BASE				
STATE CHEMICAL-SPECIFIC ARARs				
Statute or Regulation	Citation	Description	ARAR/TBC	Rationale
NREPA, Part 55 - Air Pollution Control	Mich. Comp. Laws 324.5501-5542	Authorizes establishment of standards for ambient air quality and for emissions. Authorizes promulgation of rules prohibiting the emission of air contaminants in quantities which cause injurious effects to human health, animal life, plant life or significant economic value, and/or property. Establishes permitting authority.	Relevant and Appropriate	Rules apply to remedial alternatives that generate air emissions (e.g., fumes, gas, mist, odor, equipment emissions and dust from excavation, soil stabilization, or compaction). Air emissions must comply with substantive requirements of permits and monitoring would be required.
Part 55 Rules	Mich. Admin. Code, R. 336.1101-2823	Establishes rules prohibiting the emission of air contaminants in quantities which cause injurious effects to human health, animal life, plant life or significant economic value, and/or property.	Relevant and Appropriate	Rules apply to remedial alternatives that generate air emissions (e.g., equipment emissions and dust from excavation, soil stabilization, or compaction). Air emissions must comply with substantive requirements of permits and monitoring would be required.

State Chemical-Specific ARARs

STATE ARARs for US AIR FORCE FINAL REMEDIAL ACTIONS AT WURTSMITH AIR FORCE BASE				
STATE CHEMICAL-SPECIFIC ARARs				
Statute or Regulation	Citation	Description	ARAR/TBC	Rationale
NREPA, Part 201 - Environmental Remediation	Mich. Comp. Laws 324.20101 - 20142	Part 201 requires appropriate response activity to eliminate unacceptable risks to public health, safety, or welfare, or to the environment from environmental contamination at facilities within the state. Authorizes establishment of generic and site-specific cleanup criteria. Part 201 generic criteria apply to hazardous substances or environmental contaminants to identify exceedances except where site-specific criteria are developed. Part 201 provides for the identification, risk assessment, evaluation, remediation, and long-term management of contaminated sites within the State.	Applicable; Relevant and Appropriate	<p>By statute, the [Wurtsmith AFB] is a "facility" as defined in Part 201. Where Michigan's cleanup standards are more stringent than federal requirements, the substantive requirements of Part 201 are applicable.</p> <p>Michigan sets generic criteria for certain per- and polyfluoroalkyl substances (PFAS), which do not have standards under federal law. The criteria for these substances are applicable.</p> <p>If site-specific cleanup criteria are developed, the statutorily required applicable cancer (1 in 100,000) and noncancer (HI=1) risk levels in Michigan's NREPA at Mich. Comp. Laws 324.20120a and 20120b and the use of best available information can be more protective than federal standards and is relevant and appropriate where it is more protective.</p>
NREPA Part 201 rules	Mich. Admin. Code, R. 299.1-299.50; R 299.51001-51021	Part 201 rules set generic site cleanup criteria for hazardous substances in soil and groundwater.	Applicable	By statute, the Wurtsmith AFB is a "facility" as defined in Part 201. Response activities conducted at the site must meet state-established cleanup criteria where more stringent than federal standards.

State Chemical-Specific ARARs

STATE ARARs for US AIR FORCE FINAL REMEDIAL ACTIONS AT WURTSMITH AIR FORCE BASE				
STATE CHEMICAL-SPECIFIC ARARs				
Statute or Regulation	Citation	Description	ARAR/TBC	Rationale
Michigan Safe Drinking Water Act (SDWA), Act 399 of 1976; SDWA Rules	Mich. Comp. Laws 325.1001 – 1023; Mich. Admin. Code, R. 325.10101-12820	The act and rules provide maximum contaminant levels for public water supplies.	Applicable; Relevant and Appropriate	Applicable to contaminant impacts to a public water supply. The MCLs are relevant and appropriate to groundwater cleanup actions intended to protect for drinking water use. The Michigan SDWA has established MCLs for seven PFAS compounds: Perfluorononanoic Acid (PFNA) – 6 ng/L Perfluorooctanoic Acid (PFOA) – 8 ng/L Perfluorooctane Sulfonic Acid (PFOS) – 16 ng/L Perfluorohexane Sulfonic Acid (PFHxS) – 51 ng/L Hexafluoropropylene Oxide Dimer Acid (HFPO-DA) (a GenX compound) – 370 ng/L Perfluorobutane Sulfonic Acid (PFBS) – 420 ng/L Perfluorohexanoic Acid (PFHxA) – 400,000 ng/L

State Chemical-Specific ARARs

STATE ARARs for US AIR FORCE FINAL REMEDIAL ACTIONS AT WURTSMITH AIR FORCE BASE				
STATE CHEMICAL-SPECIFIC ARARs				
Statute or Regulation	Citation	Description	ARAR/TBC	Rationale
<p>MDHHS "Do Not Eat" Fish Advisory for Clarks Marsh in Iosco County</p>	<p>May 2, 2012. MDCH Issues "Do Not Eat" Fish Advisory for Clarks Marsh in Iosco County https://www.michigan.gov/mdhhs/0,5885,7-339-73970_71692_8347-277156--,00.html</p>	<p>The Michigan Department of Community Health (now MDHHS) issued a "do not eat" advisory for all fish taken from Clarks Marsh, south of the former Wurtsmith Air Force Base, in Iosco County based on the presence of perfluorinated chemicals (now called PFAS) in fish tissue samples.</p>	<p>TBC (to be considered)</p>	<p>The Do Not Eat Fish advisory for Clarks Marsh is still in place. The fish consumption advisory is not a regulatory requirement and is not enforced by legal authority; however, Michigan's administrative rules identify restrictions on fish consumption and other impairments as limitations that must be eliminated, and mandates their consideration in the development of cleanup criteria for surface water and surface water sediments. Mich Admin Code, R. 299.30. The existence of fish consumption advisories may also be useful as a metric of the effectiveness of the response actions in the future.</p> <p>The Michigan Eat Safe Fish Consumption Guide below details additional requirements for the areas around the Site. Clarks Marsh remains "do not eat" for all species and lengths of fish.</p>

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Michigan Eat Safe Fish Consumption Guide as issued by the Michigan Department of Health and Human Services	MDHHS, 2018. Michigan Eat Safe Fish Consumption Guide for Northeast Michigan https://www.michigan.gov/documents/mdch/MDCH_EAT_SAFE_FISH_GUIDE_-_NORTHEAST_MI_WEB_45535_5_7.pdf	MDHHS's Eat Safe Fish Consumption Guides provide fish consumption advice by fish species and fish length. The Eat Safe Fish Guide for Northeast Michigan provides advice for all species of fish, as well as specific advice for various species of fish, and specific advice for specific water bodies. The consumption guidelines are based on data collected and analyzed, and provide the public with the information needed to make decisions to protect themselves and their families from the health risks of consuming fish that contain environmental contaminants.	TBC (to be considered)	The Michigan Eat Safe Fish Consumption Guide for Northeast Michigan provides fish consumption advice for AuSable River, Van Etten Creek, Clark's Marsh, Allen Lake, and Van Etten Lake by fish species and fish length. The Eat Safe Fish Guide is not a regulatory requirement and is not enforced by legal authority; however, Michigan's administrative rules identify restrictions on fish consumption and other impairments as limitations that must be eliminated, and mandates their consideration in the development of cleanup criteria for surface water and surface water sediments. Mich Admin Code, R. 299.30. The existence of fish consumption advisories may also be useful as a metric of the effectiveness of the response actions in the future.

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<p>Final Health Consultation Guide Regarding PFOS in Fish by the Michigan Department of Health and Human Services</p>	<p>MDHHS, 2017. Health Consultation, Perfluorooctane Sulfonate (PFOS) in Fish, Former Wurtsmith Air Force Base https://www.michigan.gov/documents/mdhhs/WAFB_Fish_HC_Final_2-14-2017_552188_7.pdf</p>	<p>The Michigan Department of Health and Human Services (MDHHS) conducted this evaluation for the federal Agency for Toxic Substances and Disease Registry (ATSDR) under a cooperative agreement. ATSDR conducts public health activities (assessments/consultations, advisories, education) at sites of environmental contamination. The purpose of this document is to identify potentially harmful exposures and recommend actions that would minimize those exposures.</p>	<p>TBC (to be considered)</p>	<p>This document discusses the perfluorinated chemical (PFC) contamination at the former Wurtsmith Air Force Base (WAFB) in Oscoda, Michigan, with a focus on perfluorooctane sulfonate (PFOS) levels in fish sampled from nearby waterbodies. The document describes, in brief, the Michigan Department of Health and Human Services (MDHHS) public health hazard determination and resulting emergency Do Not Eat fish consumption advisory due to the elevated PFOS levels in the fish. The document also discusses MDHHS health education outreach actions conducted to-date. Lastly, the document lists conclusions and recommendations to address the continued release of PFCs into the waters surrounding WAFB.</p>

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<p>Michigan Department of Health and Human Services' "Do Not Eat" Deer Advisory</p>	<p>MDHHS, October 19, 2018. "Do Not Eat" Advisory Issued for Deer Taken within five miles of Clark's Marsh, Oscoda Township. https://www.michigan.gov/pfasresponse/0,9038,7-365-86511_82704_83952-481207--,00.html</p>	<p>MDHHS issued a Do Not Eat advisory for deer taken within approximately five miles of Clark's Marsh in Oscoda Township due to high levels of PFOS found in a deer.</p>	<p>TBC (to be considered)</p>	<p>The five-mile radius encircles the Wurtsmith base property and covers what the DNR has estimated to be the expected travel range of deer living in or near the marsh. The area covered by the deer consumption advisory issued can be described as: From Lake Huron west along Aster Street, west on Davison Road, north on Brooks Road, east on Esmond Road, north on Old US 23, north on Wells Road, west on River Road, north on Federal Forest Road 2240, north on Lenard Road, north on Indian Road, and East on E. Kings Corner Road (along the county line) toward Lake to Lake Road, to Lake Huron.</p> <p>The advisory map was updated on September 18, 2019 to identify the advisory with the Public Land Survey System, rather than road names. The advisory includes portions of T24N R08E, T24N R09E, T23N R08E and T23N R09E. The map, including the Section numbers, is available at: https://www.michigan.gov/documents/pfasresponse/Advisory_AreaLR_636449_7.pdf</p> <p>The advisory is not a regulatory requirement and is not enforced by legal authority; however, Michigan's administrative rules identify risks to the public health, safety, and welfare and the environment, including food chain contamination, and mandates their consideration in the development of cleanup criteria for contaminated environmental media. Mich Admin Code R. 299.28. The existence of wild game advisories</p>
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Statute or Regulation	Citation	Description	ARAR/TBC	Rationale
				may also be useful as a metric of the effectiveness of the response actions.
District Health Department No. 2 Van Etten Lake Foam Advisory	<p>DHD2, September 1, 2017. “Do Not Eat the Foam” Advisory. https://www.michigan.gov/pfasresponse/0,9038,7-365-86511_82704_83952-512946--00.html</p> <p>(Actual advisory attached at the end of these ARAR tables)</p>	<p>On September 1, 2017, District Health Department #2 issued a “do not eat the foam” advisory for Van Etten Lake cautioning residents against swallowing the foam.</p>	TBC (to be considered)	<p>The foam advisory provides information urging residents to avoid ingesting the foam at Van Etten Lake. The advisory is not a regulatory requirement and is not enforced by legal authority; however, Michigan's administrative rules identify risks to the public health, safety, and welfare and the environment and mandates their consideration in the development of cleanup criteria for contaminated environmental media. Mich Admin Code R. 299.28. The existence of foam advisories may also be useful as a metric of the effectiveness of the response actions.</p>
District Health Department No. 2 Cedar Lake Foam Advisory	<p>DHD2, June 30, 2020. Residents should avoid foam on Cedar Lake due to PFAS and reminded to continue avoiding foam on Van Etten Lake.</p> <p>https://www.dhd2.org/wp-content/uploads/2020/06/2020-6-30-VEL-and-Cedar-Lake-foam.pdf</p>	<p>Urges residents to avoid foam on both Van Etten Lake and Cedar Lake due to high levels of PFAS.</p>	TBC (to be considered)	<p>The foam advisory provides information urging residents to avoid foam at Van Etten Lake and Cedar Lake. The advisory is not a regulatory requirement and is not enforced by legal authority; however, Michigan's administrative rules identify risks to the public health, safety, and welfare and the environment and mandates their consideration in the development of cleanup criteria for contaminated environmental media. Mich Admin Code R. 299.28. The existence of foam advisories may also be useful as a metric of the effectiveness of the response actions.</p>

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Michigan Department of Health and Human Services Statewide Foam Advisory	MDHHS, July 1, 2020. MDHHS reminds Michiganders to avoid foam on lakes and rivers with high levels of PFAS. https://www.michigan.gov/pfasresponse/0,9038,7-365-86513_96296-533419--,00.html	Urging people to avoid foam on Michigan lakes and rivers statewide known to have PFAS in the water, including best practices of rinsing off foam and bathing after outdoor activities. Helps individuals distinguish natural foam from PFAS foam.	To Be Considered (TBCs)	The foam advisory provides information urging residents to avoid foam statewide at lakes and rivers known to have PFAS in the water. The advisory is not a regulatory requirement and is not enforced by legal authority; however, Michigan's administrative rules identify risks to the public health, safety, and welfare and the environment and mandates their consideration in the development of cleanup criteria for contaminated environmental media. Mich Admin Code R. 299.28. The existence of foam advisories may also be useful as a metric of the effectiveness of the response actions.

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<p>Wild Game Advisory as issued by Michigan Department of Health and Human Services</p>	<p>DHHS, December 8, 2019. Public Health Advisory for Wildlife from Clark's Marsh.</p> <p>https://www.dhd2.org/wurtsmith-activities</p> <p>https://www.dhd2.org/wp-content/uploads/2019/12/APPROVED-Clarks-Marsh-Memo_Do-Not-Eat-Wildlife.pdf</p>	<p>Wild Game Advisories apply to various species of game living Clark's Marsh, near the former Wurtsmith Air Force Base. The consumption guidelines are based on testing of game from the area, and provide the public with the information needed to make decisions to protect themselves and their families from the health risks of consuming game that contain environmental contaminants.</p>	<p>TBC (to be considered)</p>	<p>The Public Health Advisory for Wildlife provides wild game consumption advice for all resident aquatic and semi-aquatic wildlife taken from Clark's Marsh.</p> <p>The advisory has been posted at Clark's Marsh.</p> <p>The advisory is not a regulatory requirement and is not enforced by legal authority; however, Michigan's administrative rules identify risks to the public health, safety, and welfare and the environment, including food chain contamination, and mandates their consideration in the development of cleanup criteria for contaminated environmental media. Mich Admin Code R. 299.28. The existence of wild game advisories may also be useful as a metric of the effectiveness of the response actions.</p>

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NREPA, Part 17 - Michigan Environmental Protection Act	Mich. Comp. Laws 324.1701 - 324.1706	Prohibits the pollution, impairment, or destruction of the State's natural resources or the public trust in those resources.	Applicable	Remedial actions must be conducted in a manner that does not pollute, impair or destroy the State's natural resources.
NREPA, Part 31 - Water Resources Protection	Mich. Comp. Laws 324.3101-3133	Prohibition of discharge waste or waste effluent into surface water without approval of the State and establishment of rules; provisions in 3109b allow for mixing zone for discharge of venting groundwater, 3108 prohibits filling or grading of a floodplain unless permitted by the State, and 3109b defines when Part 31 remedial obligations are met.	Applicable	Remedial actions may involve discharges to waters of the state. Substantive requirements of an NPDES permit must be attained. For any remedial action where waste is left in place, the mixing zone criteria shall not be less protective than for point source discharges. For any remedial alternative meeting the requirements of Part 201, Part 31 requirements are satisfied.

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NREPA Part 31 Rules	Mich. Admin. Code, R.323.1041 - 1117 (Part 4 rules, Water Quality Standards); R 323.1171 - 1181; R 323.1201 - 323.1221 (Part 8 rules, Water Quality-Based Effluent Limit Development for Toxic Substances); R 323.1311 - 323.1329 (Part 13 rules, Floodplains and Floodways Rules); R 323.2101- 323.2197 (Part 21 rules, Wastewater Discharge Permits); R 323.2201 2240 (Part 22 rules, Groundwater Quality)	Prohibition of discharge waste or waste effluent into surface water without approval of the State and establishment of rules; Part 4 rules specify standards for all waters of the State, and require that all designated uses of the receiving water be protected, including aquatic life and wildlife. Part 8 rules establish water quality-based effluent limits. Part 13 rules regulate activities to occupy, fill, or grade lands in a floodplain, streambed, or channel of a stream. The Part 22 rules set water quality rules applicable to discharges to groundwater.	Applicable	<p style="text-align: center;">Remedial actions may involve discharges to waters of the state. Substantive requirements of an NPDES permit would need to be met.</p> <p style="text-align: center;">Standards are applicable to venting groundwater, storm water, and discharges associated with the remedial action. Regulates discharges to waters of the State or onto the ground or groundwater if uses are potentially injured.</p>

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NREPA Part 31 Rules	Mich. Admin. Code, R. 324.2001 - 324.2009 (Part 5 rules, Spillage of Oil and Pollution Materials)	Set requirements for oil storage and on-land facilities to maintain surveillance and provide adequate protections against loss of pollution materials reaching the waters of the state.	Relevant and appropriate	Substantive requirements may apply. Applies to any temporary or permanent land-based industry, plant, establishment, firm, storage site, or other facility, which receives, processes, manufactures, uses, stores or ships oil or polluting materials and at which there is present an amount of any oil or polluting material equal to or more than its threshold management quantity and which is so situated that loss of polluting materials could directly or indirectly reach the surface or groundwaters of this state, including any facility which discharges through a public sewer system.
NREPA, Part 55 - Air Pollution Control	Mich. Comp. Laws 324.5501-324.5542	Defines air quality standards for potential air emissions sources. Prohibits the emissions of air contaminants in quantities that cause injurious effects to human health, animal life, plant life of significant economic value, and/or property or that interferes with the enjoyment of life or property in the state.	Relevant and Appropriate	Rules apply to remedial alternatives that generate air emissions (e.g., fumes, gas, mist, odor, equipment emissions and dust from excavation, soil stabilization, or compaction). Air emissions must comply with substantive requirements of permits and monitoring would be required.

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Part 55 Rules	Mich. Admin. Code, R.336.1101-2823	Establishes rules prohibiting the emission of air contaminants in quantities which cause injurious effects to human health, animal life, plant life or significant economic value, and/or property.	Relevant and Appropriate	Rules apply to remedial alternatives that generate air emissions (e.g., equipment emissions and dust from excavation, soil stabilization, or compaction). Air emissions must comply with substantive requirements of permits and monitoring would be required.
NREPA, Part 91 - Soil Erosion and Sediment Control	Mich. Comp. Laws 324.9101-324.9123a	Establishes rules prescribing soil erosion and sedimentation control plans, procedures, and measures.	Relevant and Appropriate	Applies to actions that results in earth changes where more than one acre of land is affected or the regulated action occurs within 500 feet of a lake or stream. Soil erosion and sedimentation control measures must be implemented and maintained. Substantive requirements of permit, including any local ordinances, must be satisfied.
NREPA Part 91 Rules	Mich. Admin. Code, R. 323.1701-1714	Requirements for owners of land undergoing an earth change. Establishes rules prescribing soil erosion and sedimentation control plans, procedures, and measures.	Relevant and Appropriate	For any remedial action involving an earth change, soil erosion and sedimentation control measures must be implemented and maintained. Substantive requirements of permit, including any local ordinances, must be satisfied

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NREPA, Part 111- Hazardous Waste Management	Mich. Comp. Laws 324.11105	<p>Establishes requirements for hazardous waste generators, transporters, and treatment/storage/disposal facilities.</p> <p>Michigan is a fully-authorized state for RCRA Subtitle C, therefore Part 111 of the NREPA needs to be identified in the Response Proposal as an ARAR.</p> <p>Administrative Rules define hazardous waste based on analytical procedures, usage, and process of generation</p>	Relevant and Appropriate	<p>Response activities may generate waste material that may be classified as hazardous waste from former base operations. Used for characterizing and identifying hazardous wastes and determining appropriate disposal options.</p> <p>Part 111 identifies cleanup standards under Part 201 to satisfy corrective action obligations. Depending on the remedy chosen, Part 111 may be an ARAR for the generation, transport, treatment, storage, and disposal of hazardous wastes from site remediation.</p> <p>Portions of the regulations may be useful as a means of determining onsite handling and transportation requirements, regardless of whether or not the area of removal qualifies as a TSD facility or a generator of hazardous wastes.</p>
Part 111 Rules	Mich. Admin. Code, R. 299.9101-11107	<p>Establishes requirements for hazardous waste generators, transporters, and treatment/storage/disposal facilities. Includes requirements for use of a manifest system (R 299.9608-9609) to track the type and quantity of hazardous waste received by or shipped from a facility.</p>	Relevant and Appropriate	<p>Response activities may generate waste material that may be classified as hazardous waste from former base operations. Used for characterizing and identifying hazardous wastes and determining appropriate disposal options.</p>

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NREPA, Part 115- Solid Waste Management	Mich. Comp. Laws 324 11501-11550	Establishes rules for methods of solid waste disposal and for design/operational standards for disposal areas.	Relevant and Appropriate	If materials generated by remedial activities are "solid waste", substantive requirements of Part 115 for disposal apply to remedial actions involving containment of nonhazardous waste onsite and to remedial actions involving onsite landfilling. Landfills that may be part of the project site and affected by remedial activities must comply with the requirements of Type III landfill standards for final cover and any other relevant closure requirements.
Part 115 Rules	Mich. Admin. Code, R. 299.4101-4922	<p>For onsite disposal facilities: Rules provide specifications for landfill final cover design to minimize erosion and infiltration to protect public health; landfill groundwater monitoring requirements, requirements for hydrogeological monitoring plan, monitoring network, and associated sampling, requirements for final cover materials, and Construction Quality Controls.</p> <p>For offsite disposal: Applies to remedial actions involving containment of nonhazardous waste and arrangements for offsite disposal as part of remedial actions.</p>	<p>If onsite disposal: Relevant and Appropriate</p> <p>If offsite disposal: TBC</p>	<p>If the project site includes landfills regulated under Part 115, the cover design requirements and rule specifications must be met. A design that keeps the final cover from being inundated is capable of limiting erosion and infiltration to the extent necessary to protect human health and the environment. Substantive portions of Construction Quality Control must be met in Remedial Design and Remedial Action.</p> <p>If disposal of non-hazardous waste, including but not limited to disposal of soils and sediments, will occur offsite, the requirements of permits and terms of the applicable county solid waste management plans must be followed.</p>

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NREPA, Part 121 - Liquid Industrial Waste	Mich. Comp. Laws 324.12101 - 324.12118	Imposes requirements on generators for storage, documentation, and handling for onsite liquid waste in preparation for transport, for the use of registered haulers, and for the inspection of vehicles and control of the disposal of wastes.	Relevant and Appropriate	Remedial actions may require transportation and disposal of liquid waste, and the Part 121 requirements apply to the storage and transport of those wastes.
NREPA, Part 201 - Environmental Remediation	Mich. Comp. Laws 324.20101 - 20142	Requires that a remedial action shall satisfy cleanup criteria; requirements for owner of facility, such as preventing exacerbation and exercising due care; restrictions on transfer of real property designated as a facility, and requirements that if residential criteria are not met, land use restrictions must be provided. Actions required upon approval of remedial action plans, elements of remedial action plans; required action if contaminated soil is moved off-site or relocated within the site.	Applicable	The remedial action implemented must meet generic or site-specific cleanup criteria; property cannot be transferred without notification of land use restrictions that apply to the site due to contamination. Actions leaving contamination in place must impose institutional controls to restrict activities that may interfere with the integrity of the remedial action and on activities that may result in unacceptable exposure. Substantive requirements of soil relocation provisions (Mich. Comp. Laws 324.20120c) apply to any movement of contaminated soils onsite. If soils are moved offsite, Part 201 applies outside the context of the remedy and any ARARs.
NREPA Part 201 Rules	Mich. Admin. Code, R.299.1-299.50	Cleanup Criteria Requirements for Remedial Actions and Interim Response Activity Designed to Meet Criteria	Applicable	The remedial action implemented must meet generic or site-specific cleanup criteria, applicable to all environmental media and exposure pathways.

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NREPA Part 201 Rules	Mich. Admin. Code, R. 299.51001-51021	Responsibilities of owners of facilities; Liable parties must provide notice to the department and adjacent land owners in certain situations, such as if hazardous substances emanate beyond the property boundary.	Relevant and Appropriate	For any property for which the USAF is the current owner, the USAF must comply with Part 201 and its implementing rules' due care requirements.
NREPA, Part 301 - Inland Lakes and Streams	Mich. Comp. Laws 324.30101 - 30113	Lists operations that are prohibited and conditions for operations impacting lakes and streams, including mitigation.	Relevant and Appropriate	For remedial alternatives involving placement of structures, fill, or dredging in a river channel or streambeds, the substantive requirements of these regulations may apply.
Part 301 Rules	Mich. Admin. Code, R.281.811-846	Regulates placement of structures, dredging or filling and other activities that may impact lake or stream bottoms and banks.	Relevant and Appropriate	For remedial alternatives involving placement of structures, fill, or dredging in a river channel or streambeds, the substantive requirements of these regulations may apply.
NREPA, Part 303 - Wetland Protection	Mich. Comp. Laws 324.30301 - 30329	Provides for protection and conservation of wetlands, as defined by state law, including establishing rules regarding wetland uses and prohibitions on future use.	Relevant and Appropriate	For certain remedial alternatives, the substantive requirements of Part 303 may be relevant and appropriate if wetlands located on or adjacent to portions of the Site are disturbed.
Part 303 Rules	Mich. Admin. Code, R.281.921-925, R 281.951-281.961	Provides categories and types of wetlands and corresponding mitigation ratios for impacts to varying types of wetlands, as well as availability of wetland banking	Relevant and Appropriate	Ratios and mitigation requirements may inform decisions about work in wetland areas.

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Michigan Public Act 451, Part 307	Mich. Comp. Laws 324.30701 - 324.30723	Applies to dams affected by a circuit court order establishing the level at which the lake is to be maintained. Provides the process for establishing and maintaining a normal level of an inland lake. Requires approval of department of plans for construction, repairs, or replacement of a dam maintained under Part 307; prohibits changing the established normal lake level except as provided in Part 307.	Relevant and Appropriate	Remedial actions may require work that affects dams or impoundments governed by Part 307 and its requirements, including Van Etten Dam and Foote Dam.

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Michigan Public Act 451, Part 315 - Dam Safety	Mich. Comp. Laws 324. 31501 - 324.31529	Applies to dams over 6' in height and over 5 acres are impounded during the design flood. Provides requirements for dam construction and maintenance to ensure that dams are properly constructed, inspected and maintained, and that the owners have adequately prepared for potential emergencies. Permits are required for the construction, enlargement, repair, alternation, removal, abandonment and reconstruction of state regulated dams. Inspection reports are required every three to five years for state regulated dams based on their hazard potential rating.	Relevant and Appropriate	Where dam evaluation and repair, or dam removal, is proposed or required, the substantive requirements of Part 315 will be relevant and appropriate, including for Van Etten Dam and Foote Dam.
Part 315 Rules	Mich. Admin. Code, R. 281.1301-1313	Sets forth process and required content of permits under Part 315, permit categories, inspection schedules, and penalties for noncompliance.	Relevant and Appropriate.	Where dam evaluation and repair, or dam removal, is proposed or required, the substantive requirements of Part 315 will apply.

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NREPA, Part 325 - Great Lakes Submerged Lands; Part 325 Rules	Mich. Comp. Laws 324.32501 – 32516; Mich. Admin. Code, R. 322.1001-1018	For the purpose of preserve and protect the interest of the general public in the lands and waters of the State, prohibits unauthorized excavation, fill, or modification of Great Lakes waters or bottomlands below or lakeward of the natural ordinary high water mark. Provides process for state leases or conveyances and permits for construction of canals, marinas, permanent structures, and other construction.	Relevant and Appropriate	If remedial actions include any proposed construction of structures in Great Lakes waters or bottomlands or modification of those lands or waters, the requirements of Part 325 and the substantive requirements of the permit conditions are required.
NREPA, Part 323 - Shorelands Protection and Management; Part 323 Rules	Mich. Comp. Laws 324.32301-32315; Mich. Admin. Code, R. 281.21-.26	In the absence of an approved local ordinance, any person or agency must first apply for and obtain a permit from EGLE when proposing to dredge, fill, grade, or otherwise alter the soil, alter the natural drainage, or alter the vegetation on a parcel or property within a designated environmental area boundary.	Relevant and Appropriate	Activities that involve dredging, filling, grading, or other alterations to the soil within an environmental boundary.

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NREPA, Part 365 - Endangered Species Act	Mich. Comp. Laws 324.36501-324.36507	Provides for protection of endangered and threatened species; prohibits taking of listed species.	Relevant and Appropriate	Applies to remedial actions that jeopardize threatened or endangered fish, wildlife, or plant species or destroy or adversely modify critical habitat.
Part 365 Rules	Mich. Admin. Code, R. 299.1021 - 1028	Lists fish, wildlife, and plant species that are endangered or threatened.	Relevant and Appropriate	If endangered or threatened species are known to inhabit the project area, or if they are encountered during the remedial activities, the requirements of Part 365 will apply.
NREPA, Part 413, Invasive Species	Mich. Comp. Laws 324.41301 - 41325	Lists nonnative species that are prohibited or restricted in Michigan; provides authority and procedures for State Natural Resources Commission to add or delete from the list. Provides for a permit for introduction of genetically engineered organisms. Provides penalties for violations.	Applicable	For any proposed or required planting, the requirements of Part 413 will apply to the selection or introduction of plant species. Additionally any remedial actions should not introduce a prohibited species, a restricted species, a genetically engineered or nonnative bird, crustacean, fish, insect, mammal, mollusk, or aquatic plant in this state at any specific location where the organism is not already naturalized, unless otherwise allowed by Part 413.
Michigan Public Act 300 of 1949, as amended. Michigan Vehicle Code	Mich. Comp. Laws 257.716 - 257.750	Statute governs the reduction of maximum axle loads during springtime frost periods and provides for the establishment of rules.	Relevant and Appropriate	Remedial action and construction may require heavy loads of equipment, fill dirt, contaminated media, etc. to be transported over roadways; however, this is not allowed during frost periods.

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Michigan Motor Carrier Safety Code	Mich. Comp. Laws 480.11-25	Establishes rules for transportation of hazardous materials. Used to protect the public, first responders to hazardous incidents and the environment from hazardous materials.	Relevant and Appropriate	Applies to remedies involving transportation on public highways; requirements are ARARs for onsite preparatory and planning activities; for offsite activity, the environmental and safety requirements of the Motor Safety Carrier Act apply generally outside the ARAR context.

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Statute or Regulation	Citation	Description	ARAR/TBC	Rationale
NREPA, Part 31 Floodplain provisions	Mich. Comp. Laws 324.3108	Prohibits occupation of floodplains and activities that interfere with streams unless permitted	Relevant and appropriate	Substantive requirements would apply for response actions involving construction or response actions in floodplains
Floodplain rules	Mich. Admin. Code, R. 323.1311-1329	Establishes requirements for alteration or occupation of floodplains and discharges to surface waters.	Relevant and appropriate	Substantive requirements would apply for response actions involving construction or response actions in floodplains
NREPA, Part 301, Inland Lakes and Streams; Part 301 Rules	Mich. Comp. Laws 324.30101-30113; Mich. Admin. Code R. 281.811-845	Regulates dredging or filling of lake or stream bottoms; obstructing or altering flow; and constructing, placing or removing a structure on bottomlands; establishes mitigation requirements. Applies to natural or artificial lakes, ponds or impoundments, and rivers, streams or creeks as defined in Mich. Comp. Laws 324.30101(h) of NREPA, excluding the Great Lakes, Lake St. Clair, and lakes or ponds with surface area < 5 acres.	Relevant and Appropriate	If remedial actions will impact inland lakes or stream bottoms through activities such as shore protection, seawall/sheet piling, placement of riprap, constructing cofferdams, excavating stream banks, and dredging below the OHWM, for example, then such activities would need to meet the substantive requirements of permits. Relevant when remedial action may involve response actions, i.e., construction, excavation or filling within 500 feet of an inland lake or stream

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Part 303, Wetland Protection; Part 303 Rules	Mich. Comp. Laws 324.30301 – 30329; Mich. Admin Code R281.921-925	Prohibits the construction, operation, or maintenance of any use or development in regulated wetlands [324.30301(d)] without a permit. Prohibited activities include draining, dredging, filling, removing soils or minerals, or maintaining a use without a permit or substantive requirements document within a wetland.	Relevant and Appropriate	Substantive requirements would apply if remedial actions will affect regulated wetlands.
NREPA, Part 365, Endangered Species Act	Mich. Comp. Laws 324.36501-324.36507	Provides for protection of endangered and threatened species; prohibits taking of listed species.	Relevant and Appropriate	Applies to remedial actions that jeopardize threatened or endangered fish, wildlife, or plant species or destroy or adversely modify critical habitat.
Part 365 Rules	Mich. Admin. Code, R. 299.1021 - 1028	Lists fish, wildlife, and plant species that are endangered or threatened.	Relevant and Appropriate	If endangered or threatened species are known to inhabit the project area, or if they are encountered during the remedial activities, the requirements of Part 365 will apply.

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NREPA, Part 323 - Shorelands Protection and Management; Part 323 Rules	Mich. Comp. Laws 324.32301-32315; Mich. Admin. Code, R. 281.21-.26	In the absence of an approved local ordinance, any person or agency must first apply for and obtain a permit from EGLE when proposing to dredge, fill, grade, or otherwise alter the soil, alter the natural drainage, or alter the vegetation on a parcel or property within a designated environmental area boundary.	Relevant and Appropriate	Activities that involve dredging, filling, grading, or other alterations to the soil within an environmental boundary.
NREPA, Part 325 - Great Lakes Submerged Lands; Part 325 Rules	Mich. Comp. Laws 324.32501 – 32516; Mich. Admin. Code, R. 322.1001-1018	For the purpose of preserve and protect the interest of the general public in the lands and waters of the State, prohibits unauthorized excavation, fill, or modification of Great Lakes waters or bottomlands below or lakeward of the natural ordinary high water mark. Provides process for state leases or conveyances and permits for construction of canals, marinas, permanent structures, and other construction.	Relevant and Appropriate	If remedial actions include any proposed construction of structures in Great Lakes waters or bottomlands or modification of those lands or waters, the requirements of Part 325 and the substantive requirements of the permit conditions are required.

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<p>MDHHS "Do Not Eat" Fish Advisory for Clarks Marsh in Iosco County</p>	<p>May 2, 2012. MDCH Issues "Do Not Eat" Fish Advisory for Clarks Marsh in Iosco County https://www.michigan.gov/mdhhs/0,5885,7-339-73970_71692_8347-277156--,00.html</p>	<p>The Michigan Department of Community Health (now MDHHS) issued a "do not eat" advisory for all fish taken from Clarks Marsh, south of the former Wurtsmith Air Force Base, in Iosco County based on the presence of perfluorinated chemicals (now called PFAS) in fish tissue samples.</p>	<p>TBC (to be considered)</p>	<p>The Do Not Eat Fish advisory for Clarks Marsh is still in place. The fish consumption advisory is not a regulatory requirement and is not enforced by legal authority; however, Michigan's administrative rules identify restrictions on fish consumption and other impairments as limitations that must be eliminated, and mandates their consideration in the development of cleanup criteria for surface water and surface water sediments. Mich Admin Code, R. 299.30. The existence of fish consumption advisories may also be useful as a metric of the effectiveness of the response actions in the future.</p> <p>The Michigan Eat Safe Fish Consumption Guide below details additional requirements for the areas around the Site. Clarks Marsh remains "do not eat" for all species and lengths of fish.</p>

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Michigan Eat Safe Fish Consumption Guide as issued by the Michigan Department of Health and Human Services	MDHHS, 2018. Michigan Eat Safe Fish Consumption Guide for Northeast Michigan https://www.michigan.gov/documents/mdch/MDCH_EAT_SAFE_FISH_GUIDE_-_NORTHEAST_MI_WEB_45535_5_7.pdf	MDHHS's Eat Safe Fish Consumption Guides provide fish consumption advice by fish species and fish length. The Eat Safe Fish Guide for Northeast Michigan provides advice for all species of fish, as well as specific advice for various species of fish, and specific advice for specific water bodies. The consumption guidelines are based on data collected and analyzed, and provide the public with the information needed to make decisions to protect themselves and their families from the health risks of consuming fish that contain environmental contaminants.	TBC (to be considered)	The Michigan Eat Safe Fish Consumption Guide for Northeast Michigan provides fish consumption advice for AuSable River, Van Etten Creek, Clark's Marsh, Allen Lake, and Van Etten Lake by fish species and fish length. The Eat Safe Fish Guide is not a regulatory requirement and is not enforced by legal authority; however, Michigan's administrative rules identify restrictions on fish consumption and other impairments as limitations that must be eliminated, and mandates their consideration in the development of cleanup criteria for surface water and surface water sediments. Mich Admin Code, R. 299.30. The existence of fish consumption advisories may also be useful as a metric of the effectiveness of the response actions in the future.

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<p>Final Health Consultation Guide Regarding PFOS in Fish by the Michigan Department of Health and Human Services</p>	<p>MDHHS, 2017. Health Consultation, Perfluorooctane Sulfonate (PFOS) in Fish, Former Wurtsmith Air Force Base https://www.michigan.gov/documents/mdhhs/WAFB_Fish_HC_Final_2-14-2017_552188_7.pdf</p>	<p>The Michigan Department of Health and Human Services (MDHHS) conducted this evaluation for the federal Agency for Toxic Substances and Disease Registry (ATSDR) under a cooperative agreement. ATSDR conducts public health activities (assessments/consultations, advisories, education) at sites of environmental contamination. The purpose of this document is to identify potentially harmful exposures and recommend actions that would minimize those exposures.</p>	<p>TBC (to be considered)</p>	<p>This document discusses the perfluorinated chemical (PFC) contamination at the former Wurtsmith Air Force Base (WAFB) in Oscoda, Michigan, with a focus on perfluorooctane sulfonate (PFOS) levels in fish sampled from nearby waterbodies. The document describes, in brief, the Michigan Department of Health and Human Services (MDHHS) public health hazard determination and resulting emergency Do Not Eat fish consumption advisory due to the elevated PFOS levels in the fish. The document also discusses MDHHS health education outreach actions conducted to-date. Lastly, the document lists conclusions and recommendations to address the continued release of PFCs into the waters surrounding WAFB.</p>

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<p style="text-align: center;">Michigan Department of Health and Human Services Resources' "Do Not Eat" Deer Advisory</p>	<p>MDHHS, October 19, 2018. "Do Not Eat" Advisory Issued for Deer Taken within five miles of Clark's Marsh, Oscoda Township. https://www.michigan.gov/pfasresponse/0,9038,7-365-86511_82704_83952-481207--,00.html</p>	<p>MDHHS issued a Do Not Eat advisory for deer taken within approximately five miles of Clark's Marsh in Oscoda Township due to high levels of PFOS found in a deer.</p>	<p>TBC (to be considered)</p>	<p>The five-mile radius encircles the Wurtsmith base property and covers what the DNR has estimated to be the expected travel range of deer living in or near the marsh. The area covered by the deer consumption advisory issued can be described as: From Lake Huron west along Aster Street, west on Davison Road, north on Brooks Road, east on Esmond Road, north on Old US 23, north on Wells Road, west on River Road, north on Federal Forest Road 2240, north on Lenard Road, north on Indian Road, and East on E. Kings Corner Road (along the county line) toward Lake to Lake Road, to Lake Huron.</p> <p>The advisory map was updated on September 18, 2019 to identify the advisory with the Public Land Survey System, rather than road names. The advisory includes portions of T24N R08E, T24N R09E, T23N R08E and T23N R09E. The map, including the Section numbers, is available at: https://www.michigan.gov/documents/pfasresponse/Advisory_AreaLR_636449_7.pdf</p> <p>The advisory is not a regulatory requirement and is not enforced by legal authority; however, Michigan's administrative rules identify risks to the public health, safety, and welfare and the environment, including food chain contamination, and mandates their consideration in the development of cleanup criteria for contaminated environmental media. Mich Admin Code R. 299.28. The existence of wild game advisories</p>
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				may also be useful as a metric of the effectiveness of the response actions.
District Health Department No. 2 Van Etten Lake Foam Advisory	DHD2, September 1, 2017. "Do Not Eat the Foam" Advisory. https://www.michigan.gov/pfasresponse/0,9038,7-365-86511_82704_83952-512946--,00.html (Actual advisory attached at the end of these ARAR tables)	On September 1, 2017, District Health Department #2 issued a "do not eat the foam" advisory for Van Etten Lake cautioning residents against swallowing the foam.	TBC (to be considered)	The foam advisory provides information urging residents to avoid ingesting the foam at Van Etten Lake. The advisory is not a regulatory requirement and is not enforced by legal authority; however, Michigan's administrative rules identify risks to the public health, safety, and welfare and the environment and mandates their consideration in the development of cleanup criteria for contaminated environmental media. Mich Admin Code R. 299.28. The existence of foam advisories may also be useful as a metric of the effectiveness of the response actions.
District Health Department No. 2 Cedar Lake Foam Advisory	DHD2, June 30, 2020. Residents should avoid foam on Cedar Lake due to PFAS and reminded to continue avoiding foam on Van Etten Lake. https://www.dhd2.org/wp-content/uploads/2020/06/2020-6-30-VEL-and-Cedar-Lake-foam.pdf	Urges residents to avoid foam on both Van Etten Lake and Cedar Lake due to high levels of PFAS.	TBC (to be considered)	The foam advisory provides information urging residents to avoid foam at Van Etten Lake and Cedar Lake. The advisory is not a regulatory requirement and is not enforced by legal authority; however, Michigan's administrative rules identify risks to the public health, safety, and welfare and the environment and mandates their consideration in the development of cleanup criteria for contaminated environmental media. Mich Admin Code R. 299.28. The existence of foam advisories may also be useful as a metric of the effectiveness of the response actions.

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<p>Michigan Department of Health and Human Services Statewide Foam Advisory</p>	<p>MDHHS, July 1, 2020. MDHHS reminds Michiganders to avoid foam on lakes and rivers with high levels of PFAS.</p> <p>https://www.michigan.gov/pfasresponse/0,9038,7-365-86513_96296-533419--,00.html</p>	<p>Urging people to avoid foam on Michigan lakes and rivers statewide known to have PFAS in the water, including best practices of rinsing off foam and bathing after outdoor activities. Helps individuals distinguish natural foam from PFAS foam.</p>	<p>To Be Considered (TBCs)</p>	<p>The foam advisory provides information urging residents to avoid foam statewide at lakes and rivers known to have PFAS in the water. The advisory is not a regulatory requirement and is not enforced by legal authority; however, Michigan's administrative rules identify risks to the public health, safety, and welfare and the environment and mandates their consideration in the development of cleanup criteria for contaminated environmental media. Mich Admin Code R. 299.28. The existence of foam advisories may also be useful as a metric of the effectiveness of the response actions.</p>

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<p>Wild Game Advisory as issued by Michigan Department of Health and Human Services</p>	<p>DHHS, December 8, 2019. Public Health Advisory for Wildlife from Clark’s Marsh.</p> <p>https://www.dhd2.org/wurtsmith-activities</p> <p>https://www.dhd2.org/wp-content/uploads/2019/12/APPROVED-Clarks-Marsh-Memo_Do-Not-Eat-Wildlife.pdf</p>	<p>Wild Game Advisories apply to various species of game living Clark’s Marsh, near the former Wurtsmith Air Force Base. The consumption guidelines are based on testing of game from the area, and provide the public with the information needed to make decisions to protect themselves and their families from the health risks of consuming game that contain environmental contaminants.</p>	<p>TBC (to be considered)</p>	<p>The Public Health Advisory for Wildlife provides wild game consumption advice for all resident aquatic and semi-aquatic wildlife taken from Clark’s Marsh.</p> <p>The advisory has been posted at Clark’s Marsh.</p> <p>The advisory is not a regulatory requirement and is not enforced by legal authority; however, Michigan's administrative rules identify risks to the public health, safety, and welfare and the environment, including food chain contamination, and mandates their consideration in the development of cleanup criteria for contaminated environmental media. Mich Admin Code R. 299.28. The existence of wild game advisories may also be useful as a metric of the effectiveness of the response actions.</p>

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Statute or Regulation	Citation	Description	ARAR/TBC	Rationale
Michigan Natural Resources and Environmental Protection Act (NREPA), Public Act 451, Part 31 - Water Resources Protection	Mich. Comp. Laws 324.3101-3133	Prohibits direct or indirect discharge to waters of the state of a substance that is injurious to public health, safety, welfare; to domestic, commercial, industrial, agricultural, recreational, or other uses of waters of the state; to the value or utility of riparian lands; to livestock, wild animals, birds, fish, aquatic life, or to their growth or propagation; and to the value of fish and game. Establishes rules specifying standards for several water quality parameters. Prohibits discharges unless authorized by a permit.	Applicable	Substantive requirements of an NPDES permit must be attained for any discharge to waters of the state as defined in Part 31. Any remedial action that results in the unacceptable discharge of injurious substances will not attain state ARARs. It is expected that the interim remedy will involve use of a pump and treat system, which involves discharge of substances to waters of the state. These discharges must comply with Part 31 substantive requirements for the relevant contaminant.
NREPA Part 31 Rules	Michigan Administrative Code (Mich. Admin. Code), R. 323.1041-1117 (Part 4 Rules)	The Part 4 Rules specify water quality standards which shall be met in all waters of the state. The rules require that all designated uses of the receiving water be protected, including indigenous aquatic life and wildlife.	Applicable	These rules prescribe water quality standards for surface water for pollutants, including toxic substances, and drive the need to reduce contaminant loading to surface waters and groundwater, and aquatic life and wildlife. Surface water quality standards may be used to assess surface water quality in the vicinity of the Site and as a means to gauge effectiveness of a remedial action.

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NREPA Part 31 Rules	Mich. Admin. Code, R. 323.1201-1221 (Part 8, Water Quality-Based Effluent Limit Development for Toxic Substances Rules)	In accordance with federal WPCA and CWA, the Part 8 Rules establish chemical-specific water quality-based effluent limits (WQBELs) for point-source discharges.	Applicable	These rules establish water quality standards for pollutants for surface waters. Part 201 requires that remedial actions comply with Part 31 and its promulgated rules. Criteria are applicable to venting groundwater, storm water, and discharge associated with implementing the remedial action.
NREPA Part 31 Rules	Mich. Admin. Code, R. 323.2101-2104, 2136-2140, 2142-2145, 2149, 2152-2155, 2160-2161, 2190 (Part 21, Wastewater Discharge Permit Rules)	The Part 21 Rules establish waste effluent discharge system procedures for the NPDES program.	Relevant and Appropriate	Substantive requirements of state discharge permits (including storm water permits) must be attained for remedial actions taking place on site.
NREPA Part 31 Rules	Mich. Admin. Code, R.323.2201 - 2240 (Part 22, Groundwater Quality Rules)	The Part 22 Rules establish the process for a groundwater discharge permit program and set groundwater classification and associated water quality standards.	Relevant and Appropriate	Substantive requirements will apply to any remedial alternatives that impact groundwater.

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NREPA, Part 55 - Air Pollution Control	Mich. Comp. Laws 324.5501-5542	Authorizes establishment of standards for ambient air quality and for emissions. Authorizes promulgation of rules prohibiting the emission of air contaminants in quantities which cause injurious effects to human health, animal life, plant life or significant economic value, and/or property. Establishes permitting authority.	Relevant and Appropriate	Rules apply to remedial alternatives that generate air emissions (e.g., fumes, gas, mist, odor, equipment emissions and dust from excavation, soil stabilization, or compaction). Air emissions must comply with substantive requirements of permits and monitoring would be required.
Part 55 Rules	Mich. Admin. Code, R. 336.1101-2823	Establishes rules prohibiting the emission of air contaminants in quantities which cause injurious effects to human health, animal life, plant life or significant economic value, and/or property.	Relevant and Appropriate	Rules apply to remedial alternatives that generate air emissions (e.g., equipment emissions and dust from excavation, soil stabilization, or compaction). Air emissions must comply with substantive requirements of permits and monitoring would be required.

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NREPA, Part 201 - Environmental Remediation	Mich. Comp. Laws 324.20101 - 20142	Part 201 requires appropriate response activity to eliminate unacceptable risks to public health, safety, or welfare, or to the environment from environmental contamination at facilities within the state. Authorizes establishment of generic and site-specific cleanup criteria. Part 201 generic criteria apply to hazardous substances or environmental contaminants to identify exceedances except where site-specific criteria are developed. Part 201 provides for the identification, risk assessment, evaluation, remediation, and long-term management of contaminated sites within the State.	Applicable; Relevant and Appropriate	<p>By statute, the [Wurtsmith AFB] is a "facility" as defined in Part 201. Where Michigan's cleanup standards are more stringent than federal requirements, the substantive requirements of Part 201 are applicable.</p> <p>Michigan sets generic criteria for certain per- and polyfluoroalkyl substances (PFAS), which do not have standards under federal law. The criteria for these substances are applicable.</p> <p>If site-specific cleanup criteria are developed, the statutorily required applicable cancer (1 in 100,000) and noncancer (HI=1) risk levels in Michigan's NREPA at Mich. Comp. Laws 324.20120a and 20120b and the use of best available information can be more protective than federal standards and is relevant and appropriate where it is more protective.</p>
NREPA Part 201 rules	Mich. Admin. Code, R. 299.1-299.50; R 299.51001-51021	Part 201 rules set generic site cleanup criteria for hazardous substances in soil and groundwater.	Applicable	By statute, the Wurtsmith AFB is a "facility" as defined in Part 201. Response activities conducted at the site must meet state-established cleanup criteria where more stringent than federal standards.

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Michigan Safe Drinking Water Act (SDWA), Act 399 of 1976; SDWA Rules	Mich. Comp. Laws 325.1001 – 1023; Mich. Admin. Code, R. 325.10101-12820	The act and rules provide maximum contaminant levels for public water supplies.	Applicable; Relevant and Appropriate	Applicable to contaminant impacts to a public water supply. The MCLs are relevant and appropriate to groundwater cleanup actions intended to protect for drinking water use. The Michigan SDWA has established MCLs for seven PFAS compounds: Perfluorononanoic Acid (PFNA) – 6 ng/L Perfluorooctanoic Acid (PFOA) – 8 ng/L Perfluorooctane Sulfonic Acid (PFOS) – 16 ng/L Perfluorohexane Sulfonic Acid (PFHxS) – 51 ng/L Hexafluoropropylene Oxide Dimer Acid (HFPO-DA) (a GenX compound) – 370 ng/L Perfluorobutane Sulfonic Acid (PFBS) – 420 ng/L Perfluorohexanoic Acid (PFHxA) – 400,000 ng/L

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<p>MDHHS "Do Not Eat" Fish Advisory for Clarks Marsh in Iosco County</p>	<p>May 2, 2012. MDCH Issues "Do Not Eat" Fish Advisory for Clarks Marsh in Iosco County https://www.michigan.gov/mdhhs/0,5885,7-339-73970_71692_8347-277156--,00.html</p>	<p>The Michigan Department of Community Health (now MDHHS) issued a "do not eat" advisory for all fish taken from Clarks Marsh, south of the former Wurtsmith Air Force Base, in Iosco County based on the presence of perfluorinated chemicals (now called PFAS) in fish tissue samples.</p>	<p>TBC (to be considered)</p>	<p>The Do Not Eat Fish advisory for Clarks Marsh is still in place. The fish consumption advisory is not a regulatory requirement and is not enforced by legal authority; however, Michigan's administrative rules identify restrictions on fish consumption and other impairments as limitations that must be eliminated, and mandates their consideration in the development of cleanup criteria for surface water and surface water sediments. Mich Admin Code, R. 299.30. The existence of fish consumption advisories may also be useful as a metric of the effectiveness of the response actions in the future.</p> <p>The Michigan Eat Safe Fish Consumption Guide below details additional requirements for the areas around the Site. Clarks Marsh remains "do not eat" for all species and lengths of fish.</p>

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Michigan Eat Safe Fish Consumption Guide as issued by the Michigan Department of Health and Human Services	MDHHS, 2018. Michigan Eat Safe Fish Consumption Guide for Northeast Michigan https://www.michigan.gov/documents/mdch/MDCH_EAT_SAFE_FISH_GUIDE_-_NORTHEAST_MI_WEB_45535_5_7.pdf	MDHHS's Eat Safe Fish Consumption Guides provide fish consumption advice by fish species and fish length. The Eat Safe Fish Guide for Northeast Michigan provides advice for all species of fish, as well as specific advice for various species of fish, and specific advice for specific water bodies. The consumption guidelines are based on data collected and analyzed, and provide the public with the information needed to make decisions to protect themselves and their families from the health risks of consuming fish that contain environmental contaminants.	TBC (to be considered)	The Michigan Eat Safe Fish Consumption Guide for Northeast Michigan provides fish consumption advice for AuSable River, Van Etten Creek, Clark's Marsh, Allen Lake, and Van Etten Lake by fish species and fish length. The Eat Safe Fish Guide is not a regulatory requirement and is not enforced by legal authority; however, Michigan's administrative rules identify restrictions on fish consumption and other impairments as limitations that must be eliminated, and mandates their consideration in the development of cleanup criteria for surface water and surface water sediments. Mich Admin Code, R. 299.30. The existence of fish consumption advisories may also be useful as a metric of the effectiveness of the response actions in the future.

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Final Health Consultation Guide Regarding PFOS in Fish by the Michigan Department of Health and Human Services	MDHHS, 2017. Health Consultation, Perfluorooctane Sulfonate (PFOS) in Fish, Former Wurtsmith Air Force Base https://www.michigan.gov/documents/mdhhs/WAFB_Fish_HC_Final_2-14-2017_552188_7.pdf	The Michigan Department of Health and Human Services (MDHHS) conducted this evaluation for the federal Agency for Toxic Substances and Disease Registry (ATSDR) under a cooperative agreement. ATSDR conducts public health activities (assessments/consultations, advisories, education) at sites of environmental contamination. The purpose of this document is to identify potentially harmful exposures and recommend actions that would minimize those exposures.	TBC (to be considered)	This document discusses the perfluorinated chemical (PFC) contamination at the former Wurtsmith Air Force Base (WAFB) in Oscoda, Michigan, with a focus on perfluorooctane sulfonate (PFOS) levels in fish sampled from nearby waterbodies. The document describes, in brief, the Michigan Department of Health and Human Services (MDHHS) public health hazard determination and resulting emergency Do Not Eat fish consumption advisory due to the elevated PFOS levels in the fish. The document also discusses MDHHS health education outreach actions conducted to-date. Lastly, the document lists conclusions and recommendations to address the continued release of PFCs into the waters surrounding WAFB.

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<p>Michigan Department of Health and Human Services' "Do Not Eat" Deer Advisory</p>	<p>MDHHS, October 19, 2018. "Do Not Eat" Advisory Issued for Deer Taken within five miles of Clark's Marsh, Oscoda Township. https://www.michigan.gov/pfasresponse/0,9038,7-365-86511_82704_83952-481207--,00.html</p>	<p>MDHHS issued a Do Not Eat advisory for deer taken within approximately five miles of Clark's Marsh in Oscoda Township due to high levels of PFOS found in a deer.</p>	<p>TBC (to be considered)</p>	<p>The five-mile radius encircles the Wurtsmith base property and covers what the DNR has estimated to be the expected travel range of deer living in or near the marsh. The area covered by the deer consumption advisory issued can be described as: From Lake Huron west along Aster Street, west on Davison Road, north on Brooks Road, east on Esmond Road, north on Old US 23, north on Wells Road, west on River Road, north on Federal Forest Road 2240, north on Lenard Road, north on Indian Road, and East on E. Kings Corner Road (along the county line) toward Lake to Lake Road, to Lake Huron.</p> <p>The advisory map was updated on September 18, 2019 to identify the advisory with the Public Land Survey System, rather than road names. The advisory includes portions of T24N R08E, T24N R09E, T23N R08E and T23N R09E. The map, including the Section numbers, is available at: https://www.michigan.gov/documents/pfasresponse/Advisory_AreaLR_636449_7.pdf</p> <p>The advisory is not a regulatory requirement and is not enforced by legal authority; however, Michigan's administrative rules identify risks to the public health, safety, and welfare and the environment, including food chain contamination, and mandates their consideration in the development of cleanup criteria for contaminated environmental media. Mich Admin Code R. 299.28. The existence of wild game advisories</p>
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				may also be useful as a metric of the effectiveness of the response actions.
District Health Department No. 2 Van Etten Lake Foam Advisory	<p>DHD2, September 1, 2017. “Do Not Eat the Foam” Advisory. https://www.michigan.gov/pfasresponse/0,9038,7-365-86511_82704_83952-512946--00.html</p> <p>(Actual advisory attached at the end of these ARAR tables)</p>	<p>On September 1, 2017, District Health Department #2 issued a “do not eat the foam” advisory for Van Etten Lake cautioning residents against swallowing the foam.</p>	TBC (to be considered)	<p>The foam advisory provides information urging residents to avoid ingesting the foam at Van Etten Lake. The advisory is not a regulatory requirement and is not enforced by legal authority; however, Michigan's administrative rules identify risks to the public health, safety, and welfare and the environment and mandates their consideration in the development of cleanup criteria for contaminated environmental media. Mich Admin Code R. 299.28. The existence of foam advisories may also be useful as a metric of the effectiveness of the response actions.</p>
District Health Department No. 2 Cedar Lake Foam Advisory	<p>DHD2, June 30, 2020. Residents should avoid foam on Cedar Lake due to PFAS and reminded to continue avoiding foam on Van Etten Lake.</p> <p>https://www.dhd2.org/wp-content/uploads/2020/06/2020-6-30-VEL-and-Cedar-Lake-foam.pdf</p>	<p>Urges residents to avoid foam on both Van Etten Lake and Cedar Lake due to high levels of PFAS.</p>	TBC (to be considered)	<p>The foam advisory provides information urging residents to avoid foam at Van Etten Lake and Cedar Lake. The advisory is not a regulatory requirement and is not enforced by legal authority; however, Michigan's administrative rules identify risks to the public health, safety, and welfare and the environment and mandates their consideration in the development of cleanup criteria for contaminated environmental media. Mich Admin Code R. 299.28. The existence of foam advisories may also be useful as a metric of the effectiveness of the response actions.</p>

State Chemical-Specific ARARs

STATE ARARs for US AIR FORCE INTERIM REMEDIAL ACTIONS AT WURTSMITH AIR FORCE BASE				
STATE CHEMICAL-SPECIFIC ARARs				
Statute or Regulation	Citation	Description	ARAR/TBC	Rationale
Michigan Department of Health and Human Services Statewide Foam Advisory	MDHHS, July 1, 2020. MDHHS reminds Michiganders to avoid foam on lakes and rivers with high levels of PFAS. https://www.michigan.gov/pfasresponse/0,9038,7-365-86513_96296-533419--,00.html	Urging people to avoid foam on Michigan lakes and rivers statewide known to have PFAS in the water, including best practices of rinsing off foam and bathing after outdoor activities. Helps individuals distinguish natural foam from PFAS foam.	To Be Considered (TBCs)	The foam advisory provides information urging residents to avoid foam statewide at lakes and rivers known to have PFAS in the water. The advisory is not a regulatory requirement and is not enforced by legal authority; however, Michigan's administrative rules identify risks to the public health, safety, and welfare and the environment and mandates their consideration in the development of cleanup criteria for contaminated environmental media. Mich Admin Code R. 299.28. The existence of foam advisories may also be useful as a metric of the effectiveness of the response actions.

State Chemical-Specific ARARs

STATE ARARs for US AIR FORCE INTERIM REMEDIAL ACTIONS AT WURTSMITH AIR FORCE BASE				
STATE CHEMICAL-SPECIFIC ARARs				
Statute or Regulation	Citation	Description	ARAR/TBC	Rationale
<p>Wild Game Advisory as issued by Michigan Department of Health and Human Services</p>	<p>DHHS, December 8, 2019. Public Health Advisory for Wildlife from Clark's Marsh.</p> <p>https://www.dhd2.org/wurtsmith-activities</p> <p>https://www.dhd2.org/wp-content/uploads/2019/12/APPROVED-Clarks-Marsh-Memo_Do-Not-Eat-Wildlife.pdf</p>	<p>Wild Game Advisories apply to various species of game living Clark's Marsh, near the former Wurtsmith Air Force Base. The consumption guidelines are based on testing of game from the area, and provide the public with the information needed to make decisions to protect themselves and their families from the health risks of consuming game that contain environmental contaminants.</p>	<p>TBC (to be considered)</p>	<p>The Public Health Advisory for Wildlife provides wild game consumption advice for all resident aquatic and semi-aquatic wildlife taken from Clark's Marsh.</p> <p>The advisory has been posted at Clark's Marsh.</p> <p>The advisory is not a regulatory requirement and is not enforced by legal authority; however, Michigan's administrative rules identify risks to the public health, safety, and welfare and the environment, including food chain contamination, and mandates their consideration in the development of cleanup criteria for contaminated environmental media. Mich Admin Code R. 299.28. The existence of wild game advisories may also be useful as a metric of the effectiveness of the response actions.</p>

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STATE ACTION-SPECIFIC ARARs				
Statute or Regulation	Citation	Description	ARAR/TBC	Rationale
NREPA, Part 17 - Michigan Environmental Protection Act	Mich. Comp. Laws 324.1701 - 324.1706	Prohibits the pollution, impairment, or destruction of the State's natural resources or the public trust in those resources.	Applicable	Remedial actions must be conducted in a manner that does not pollute, impair or destroy the State's natural resources.
NREPA, Part 31 - Water Resources Protection	Mich. Comp. Laws 324.3101-3133	Prohibition of discharge waste or waste effluent into surface water without approval of the State and establishment of rules; provisions in 3109b allow for mixing zone for discharge of venting groundwater, 3108 prohibits filling or grading of a floodplain unless permitted by the State, and 3109b defines when Part 31 remedial obligations are met.	Applicable	Remedial actions may involve discharges to waters of the state. Substantive requirements of an NPDES permit must be attained. For any remedial action where waste is left in place, the mixing zone criteria shall not be less protective than for point source discharges. For any remedial alternative meeting the requirements of Part 201, Part 31 requirements are satisfied.

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STATE ARARs for US AIR FORCE INTERIM REMEDIAL ACTIONS AT WURTSMITH AIR FORCE BASE				
STATE ACTION-SPECIFIC ARARs				
Statute or Regulation	Citation	Description	ARAR/TBC	Rationale
NREPA Part 31 Rules	Mich. Admin. Code, R.323.1041 - 1117 (Part 4 rules, Water Quality Standards); R 323.1171 - 1181; R 323.1201 - 323.1221 (Part 8 rules, Water Quality-Based Effluent Limit Development for Toxic Substances); R 323.1311 - 323.1329 (Part 13 rules, Floodplains and Floodways Rules); R 323.2101- 323.2197 (Part 21 rules, Wastewater Discharge Permits); R 323.2201 2240 (Part 22 rules, Groundwater Quality)	Prohibition of discharge waste or waste effluent into surface water without approval of the State and establishment of rules; Part 4 rules specify standards for all waters of the State, and require that all designated uses of the receiving water be protected, including aquatic life and wildlife. Part 8 rules establish water quality-based effluent limits. Part 13 rules regulate activities to occupy, fill, or grade lands in a floodplain, streambed, or channel of a stream. The Part 22 rules set water quality rules applicable to discharges to groundwater.	Applicable	<p style="text-align: center;">Remedial actions may involve discharges to waters of the state. Substantive requirements of an NPDES permit would need to be met.</p> <p style="text-align: center;">Standards are applicable to venting groundwater, storm water, and discharges associated with the remedial action. Regulates discharges to waters of the State or onto the ground or groundwater if uses are potentially injured.</p>

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STATE ARARs for US AIR FORCE INTERIM REMEDIAL ACTIONS AT WURTSMITH AIR FORCE BASE				
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Statute or Regulation	Citation	Description	ARAR/TBC	Rationale
NREPA Part 31 Rules	Mich. Admin. Code, R. 324.2001 - 324.2009 (Part 5 rules, Spillage of Oil and Pollution Materials)	Set requirements for oil storage and on-land facilities to maintain surveillance and provide adequate protections against loss of pollution materials reaching the waters of the state.	Relevant and appropriate	Substantive requirements may apply. Applies to any temporary or permanent land-based industry, plant, establishment, firm, storage site, or other facility, which receives, processes, manufactures, uses, stores or ships oil or polluting materials and at which there is present an amount of any oil or polluting material equal to or more than its threshold management quantity and which is so situated that loss of polluting materials could directly or indirectly reach the surface or groundwaters of this state, including any facility which discharges through a public sewer system.
NREPA, Part 55 - Air Pollution Control	Mich. Comp. Laws 324.5501-324.5542	Defines air quality standards for potential air emissions sources. Prohibits the emissions of air contaminants in quantities that cause injurious effects to human health, animal life, plant life of significant economic value, and/or property or that interferes with the enjoyment of life or property in the state.	Relevant and Appropriate	Rules apply to remedial alternatives that generate air emissions (e.g., fumes, gas, mist, odor, equipment emissions and dust from excavation, soil stabilization, or compaction). Air emissions must comply with substantive requirements of permits and monitoring would be required.

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STATE ARARs for US AIR FORCE INTERIM REMEDIAL ACTIONS AT WURTSMITH AIR FORCE BASE				
STATE ACTION-SPECIFIC ARARs				
Statute or Regulation	Citation	Description	ARAR/TBC	Rationale
Part 55 Rules	Mich. Admin. Code, R.336.1101-2823	Establishes rules prohibiting the emission of air contaminants in quantities which cause injurious effects to human health, animal life, plant life or significant economic value, and/or property.	Relevant and Appropriate	Rules apply to remedial alternatives that generate air emissions (e.g., equipment emissions and dust from excavation, soil stabilization, or compaction). Air emissions must comply with substantive requirements of permits and monitoring would be required.
NREPA, Part 91 - Soil Erosion and Sediment Control	Mich. Comp. Laws 324.9101-324.9123a	Establishes rules prescribing soil erosion and sedimentation control plans, procedures, and measures.	Relevant and Appropriate	Applies to actions that results in earth changes where more than one acre of land is affected or the regulated action occurs within 500 feet of a lake or stream. Soil erosion and sedimentation control measures must be implemented and maintained. Substantive requirements of permit, including any local ordinances, must be satisfied.
NREPA Part 91 Rules	Mich. Admin. Code, R. 323.1701-1714	Requirements for owners of land undergoing an earth change. Establishes rules prescribing soil erosion and sedimentation control plans, procedures, and measures.	Relevant and Appropriate	For any remedial action involving an earth change, soil erosion and sedimentation control measures must be implemented and maintained. Substantive requirements of permit, including any local ordinances, must be satisfied

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STATE ACTION-SPECIFIC ARARs				
Statute or Regulation	Citation	Description	ARAR/TBC	Rationale
NREPA, Part 111- Hazardous Waste Management	Mich. Comp. Laws 324.11105	<p>Establishes requirements for hazardous waste generators, transporters, and treatment/storage/disposal facilities.</p> <p>Michigan is a fully-authorized state for RCRA Subtitle C, therefore Part 111 of the NREPA needs to be identified in the Response Proposal as an ARAR.</p> <p>Administrative Rules define hazardous waste based on analytical procedures, usage, and process of generation</p>	Relevant and Appropriate	<p>Response activities may generate waste material that may be classified as hazardous waste from former base operations. Used for characterizing and identifying hazardous wastes and determining appropriate disposal options.</p> <p>Part 111 identifies cleanup standards under Part 201 to satisfy corrective action obligations. Depending on the remedy chosen, Part 111 may be an ARAR for the generation, transport, treatment, storage, and disposal of hazardous wastes from site remediation.</p> <p>Portions of the regulations may be useful as a means of determining onsite handling and transportation requirements, regardless of whether or not the area of removal qualifies as a TSD facility or a generator of hazardous wastes.</p>
Part 111 Rules	Mich. Admin. Code, R. 299.9101-11107	<p>Establishes requirements for hazardous waste generators, transporters, and treatment/storage/disposal facilities. Includes requirements for use of a manifest system (R 299.9608-9609) to track the type and quantity of hazardous waste received by or shipped from a facility.</p>	Relevant and Appropriate	<p>Response activities may generate waste material that may be classified as hazardous waste from former base operations. Used for characterizing and identifying hazardous wastes and determining appropriate disposal options.</p>

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Statute or Regulation	Citation	Description	ARAR/TBC	Rationale
NREPA, Part 115- Solid Waste Management	Mich. Comp. Laws 324 11501-11550	Establishes rules for methods of solid waste disposal and for design/operational standards for disposal areas.	Relevant and Appropriate	If materials generated by remedial activities are "solid waste", substantive requirements of Part 115 for disposal apply to remedial actions involving containment of nonhazardous waste onsite and to remedial actions involving onsite landfilling. Landfills that may be part of the project site and affected by remedial activities must comply with the requirements of Type III landfill standards for final cover and any other relevant closure requirements.
Part 115 Rules	Mich. Admin. Code, R. 299.4101-4922	<p>For onsite disposal facilities: Rules provide specifications for landfill final cover design to minimize erosion and infiltration to protect public health; landfill groundwater monitoring requirements, requirements for hydrogeological monitoring plan, monitoring network, and associated sampling, requirements for final cover materials, and Construction Quality Controls.</p> <p>For offsite disposal: Applies to remedial actions involving containment of nonhazardous waste and arrangements for offsite disposal as part of remedial actions.</p>	<p>If onsite disposal: Relevant and Appropriate</p> <p>If offsite disposal: TBC</p>	<p>If the project site includes landfills regulated under Part 115, the cover design requirements and rule specifications must be met. A design that keeps the final cover from being inundated is capable of limiting erosion and infiltration to the extent necessary to protect human health and the environment. Substantive portions of Construction Quality Control must be met in Remedial Design and Remedial Action.</p> <p>If disposal of non-hazardous waste, including but not limited to disposal of soils and sediments, will occur offsite, the requirements of permits and terms of the applicable county solid waste management plans must be followed.</p>

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Statute or Regulation	Citation	Description	ARAR/TBC	Rationale
NREPA, Part 121 - Liquid Industrial Waste	Mich. Comp. Laws 324.12101 - 324.12118	Imposes requirements on generators for storage, documentation, and handling for onsite liquid waste in preparation for transport, for the use of registered haulers, and for the inspection of vehicles and control of the disposal of wastes.	Relevant and Appropriate	Remedial actions may require transportation and disposal of liquid waste, and the Part 121 requirements apply to the storage and transport of those wastes.
NREPA, Part 201 - Environmental Remediation	Mich. Comp. Laws 324.20101 - 20142	Requires that a remedial action shall satisfy cleanup criteria; requirements for owner of facility, such as preventing exacerbation and exercising due care; restrictions on transfer of real property designated as a facility, and requirements that if residential criteria are not met, land use restrictions must be provided. Actions required upon approval of remedial action plans, elements of remedial action plans; required action if contaminated soil is moved off-site or relocated within the site.	Applicable	The remedial action implemented must meet generic or site-specific cleanup criteria; property cannot be transferred without notification of land use restrictions that apply to the site due to contamination. Actions leaving contamination in place must impose institutional controls to restrict activities that may interfere with the integrity of the remedial action and on activities that may result in unacceptable exposure. Substantive requirements of soil relocation provisions (Mich. Comp. Laws 324.20120c) apply to any movement of contaminated soils onsite. If soils are moved offsite, Part 201 applies outside the context of the remedy and any ARARs.
NREPA Part 201 Rules	Mich. Admin. Code, R.299.1-299.50	Cleanup Criteria Requirements for Remedial Actions and Interim Response Activity Designed to Meet Criteria	Applicable	The remedial action implemented must meet generic or site-specific cleanup criteria, applicable to all environmental media and exposure pathways.

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Statute or Regulation	Citation	Description	ARAR/TBC	Rationale
NREPA Part 201 Rules	Mich. Admin. Code, R. 299.51001-51021	Responsibilities of owners of facilities; Liable parties must provide notice to the department and adjacent land owners in certain situations, such as if hazardous substances emanate beyond the property boundary.	Relevant and Appropriate	For any property for which the USAF is the current owner, the USAF must comply with Part 201 and its implementing rules' due care requirements.
NREPA, Part 301 - Inland Lakes and Streams	Mich. Comp. Laws 324.30101 - 30113	Lists operations that are prohibited and conditions for operations impacting lakes and streams, including mitigation.	Relevant and Appropriate	For remedial alternatives involving placement of structures, fill, or dredging in a river channel or streambeds, the substantive requirements of these regulations may apply.
Part 301 Rules	Mich. Admin. Code, R.281.811-846	Regulates placement of structures, dredging or filling and other activities that may impact lake or stream bottoms and banks.	Relevant and Appropriate	For remedial alternatives involving placement of structures, fill, or dredging in a river channel or streambeds, the substantive requirements of these regulations may apply.
NREPA, Part 303 - Wetland Protection	Mich. Comp. Laws 324.30301 - 30329	Provides for protection and conservation of wetlands, as defined by state law, including establishing rules regarding wetland uses and prohibitions on future use.	Relevant and Appropriate	For certain remedial alternatives, the substantive requirements of Part 303 may be relevant and appropriate if wetlands located on or adjacent to portions of the Site are disturbed.
Part 303 Rules	Mich. Admin. Code, R.281.921-925, R 281.951-281.961	Provides categories and types of wetlands and corresponding mitigation ratios for impacts to varying types of wetlands, as well as availability of wetland banking	Relevant and Appropriate	Ratios and mitigation requirements may inform decisions about work in wetland areas.

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Statute or Regulation	Citation	Description	ARAR/TBC	Rationale
Michigan Public Act 451, Part 307	Mich. Comp. Laws 324.30701 - 324.30723	Applies to dams affected by a circuit court order establishing the level at which the lake is to be maintained. Provides the process for establishing and maintaining a normal level of an inland lake. Requires approval of department of plans for construction, repairs, or replacement of a dam maintained under Part 307; prohibits changing the established normal lake level except as provided in Part 307.	Relevant and Appropriate	Remedial actions may require work that affects dams or impoundments governed by Part 307 and its requirements, including Van Etten Dam and Foote Dam.

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Statute or Regulation	Citation	Description	ARAR/TBC	Rationale
Michigan Public Act 451, Part 315 - Dam Safety	Mich. Comp. Laws 324. 31501 - 324.31529	Applies to dams over 6' in height and over 5 acres are impounded during the design flood. Provides requirements for dam construction and maintenance to ensure that dams are properly constructed, inspected and maintained, and that the owners have adequately prepared for potential emergencies. Permits are required for the construction, enlargement, repair, alternation, removal, abandonment and reconstruction of state regulated dams. Inspection reports are required every three to five years for state regulated dams based on their hazard potential rating.	Relevant and Appropriate	Where dam evaluation and repair, or dam removal, is proposed or required, the substantive requirements of Part 315 will be relevant and appropriate, including for Van Etten Dam and Foote Dam.
Part 315 Rules	Mich. Admin. Code, R. 281.1301-1313	Sets forth process and required content of permits under Part 315, permit categories, inspection schedules, and penalties for noncompliance.	Relevant and Appropriate.	Where dam evaluation and repair, or dam removal, is proposed or required, the substantive requirements of Part 315 will apply.

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STATE ACTION-SPECIFIC ARARs				
Statute or Regulation	Citation	Description	ARAR/TBC	Rationale
NREPA, Part 365 - Endangered Species Act	Mich. Comp. Laws 324.36501-324.36507	Provides for protection of endangered and threatened species; prohibits taking of listed species.	Relevant and Appropriate	Applies to remedial actions that jeopardize threatened or endangered fish, wildlife, or plant species or destroy or adversely modify critical habitat.
Part 365 Rules	Mich. Admin. Code, R. 299.1021 - 1028	Lists fish, wildlife, and plant species that are endangered or threatened.	Relevant and Appropriate	If endangered or threatened species are known to inhabit the project area, or if they are encountered during the remedial activities, the requirements of Part 365 will apply.
NREPA, Part 413, Invasive Species	Mich. Comp. Laws 324.41301 - 41325	Lists nonnative species that are prohibited or restricted in Michigan; provides authority and procedures for State Natural Resources Commission to add or delete from the list. Provides for a permit for introduction of genetically engineered organisms. Provides penalties for violations.	Applicable	For any proposed or required planting, the requirements of Part 413 will apply to the selection or introduction of plant species. Additionally any remedial actions should not introduce a prohibited species, a restricted species, a genetically engineered or nonnative bird, crustacean, fish, insect, mammal, mollusk, or aquatic plant in this state at any specific location where the organism is not already naturalized, unless otherwise allowed by Part 413.
Michigan Public Act 300 of 1949, as amended. Michigan Vehicle Code	Mich. Comp. Laws 257.716 - 257.750	Statute governs the reduction of maximum axle loads during springtime frost periods and provides for the establishment of rules.	Relevant and Appropriate	Remedial action and construction may require heavy loads of equipment, fill dirt, contaminated media, etc. to be transported over roadways; however, this is not allowed during frost periods.

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STATE ACTION-SPECIFIC ARARs				
Statute or Regulation	Citation	Description	ARAR/TBC	Rationale
Michigan Motor Carrier Safety Code	Mich. Comp. Laws 480.11-25	Establishes rules for transportation of hazardous materials. Used to protect the public, first responders to hazardous incidents and the environment from hazardous materials.	Relevant and Appropriate	Applies to remedies involving transportation on public highways; requirements are ARARs for onsite preparatory and planning activities; for offsite activity, the environmental and safety requirements of the Motor Safety Carrier Act apply generally outside the ARAR context.

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STATE LOCATION-SPECIFIC ARARs				
Statute or Regulation	Citation	Description	ARAR/TBC	Rationale
NREPA, Part 31 Floodplain provisions	Mich. Comp. Laws 324.3108	Prohibits occupation of floodplains and activities that interfere with streams unless permitted	Relevant and appropriate	Substantive requirements would apply for response actions involving construction or response actions in floodplains
Floodplain rules	Mich. Admin. Code, R. 323.1311-1329	Establishes requirements for alteration or occupation of floodplains and discharges to surface waters.	Relevant and appropriate	Substantive requirements would apply for response actions involving construction or response actions in floodplains
NREPA, Part 301, Inland Lakes and Streams; Part 301 Rules	Mich. Comp. Laws 324.30101-30113; Mich. Admin. Code R. 281.811-845	Regulates dredging or filling of lake or stream bottoms; obstructing or altering flow; and constructing, placing or removing a structure on bottomlands; establishes mitigation requirements. Applies to natural or artificial lakes, ponds or impoundments, and rivers, streams or creeks as defined in Mich. Comp. Laws 324.30101(h) of NREPA, excluding the Great Lakes, Lake St. Clair, and lakes or ponds with surface area < 5 acres.	Relevant and Appropriate	If remedial actions will impact inland lakes or stream bottoms through activities such as shore protection, seawall/sheet piling, placement of riprap, constructing cofferdams, excavating stream banks, and dredging below the OHWM, for example, then such activities would need to meet the substantive requirements of permits. Relevant when remedial action may involve response actions, i.e., construction, excavation or filling within 500 feet of an inland lake or stream

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Statute or Regulation	Citation	Description	ARAR/TBC	Rationale
Part 303, Wetland Protection; Part 303 Rules	Mich. Comp. Laws 324.30301 – 30329; Mich. Admin Code R281.921-925	Prohibits the construction, operation, or maintenance of any use or development in regulated wetlands [324.30301(d)] without a permit. Prohibited activities include draining, dredging, filling, removing soils or minerals, or maintaining a use without a permit or substantive requirements document within a wetland.	Relevant and Appropriate	Substantive requirements would apply if remedial actions will affect regulated wetlands.
NREPA, Part 365, Endangered Species Act	Mich. Comp. Laws 324.36501-324.36507	Provides for protection of endangered and threatened species; prohibits taking of listed species.	Relevant and Appropriate	Applies to remedial actions that jeopardize threatened or endangered fish, wildlife, or plant species or destroy or adversely modify critical habitat.
Part 365 Rules	Mich. Admin. Code, R. 299.1021 - 1028	Lists fish, wildlife, and plant species that are endangered or threatened.	Relevant and Appropriate	If endangered or threatened species are known to inhabit the project area, or if they are encountered during the remedial activities, the requirements of Part 365 will apply.

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STATE LOCATION-SPECIFIC ARARs				
Statute or Regulation	Citation	Description	ARAR/TBC	Rationale
<p>MDHHS "Do Not Eat" Fish Advisory for Clarks Marsh in Iosco County</p>	<p>May 2, 2012. MDCH Issues "Do Not Eat" Fish Advisory for Clarks Marsh in Iosco County https://www.michigan.gov/mdhhs/0,5885,7-339-73970_71692_8347-277156--,00.html</p>	<p>The Michigan Department of Community Health (now MDHHS) issued a "do not eat" advisory for all fish taken from Clarks Marsh, south of the former Wurtsmith Air Force Base, in Iosco County based on the presence of perfluorinated chemicals (now called PFAS) in fish tissue samples.</p>	<p>TBC (to be considered)</p>	<p>The Do Not Eat Fish advisory for Clarks Marsh is still in place. The fish consumption advisory is not a regulatory requirement and is not enforced by legal authority; however, Michigan's administrative rules identify restrictions on fish consumption and other impairments as limitations that must be eliminated, and mandates their consideration in the development of cleanup criteria for surface water and surface water sediments. Mich Admin Code, R. 299.30. The existence of fish consumption advisories may also be useful as a metric of the effectiveness of the response actions in the future.</p> <p>The Michigan Eat Safe Fish Consumption Guide below details additional requirements for the areas around the Site. Clarks Marsh remains "do not eat" for all species and lengths of fish.</p>

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Statute or Regulation	Citation	Description	ARAR/TBC	Rationale
Michigan Eat Safe Fish Consumption Guide as issued by the Michigan Department of Health and Human Services	MDHHS, 2018. Michigan Eat Safe Fish Consumption Guide for Northeast Michigan https://www.michigan.gov/documents/mdch/MDCH_EAT_SAFE_FISH_GUIDE_-_NORTHEAST_MI_WEB_45535_5_7.pdf	MDHHS's Eat Safe Fish Consumption Guides provide fish consumption advice by fish species and fish length. The Eat Safe Fish Guide for Northeast Michigan provides advice for all species of fish, as well as specific advice for various species of fish, and specific advice for specific water bodies. The consumption guidelines are based on data collected and analyzed, and provide the public with the information needed to make decisions to protect themselves and their families from the health risks of consuming fish that contain environmental contaminants.	TBC (to be considered)	The Michigan Eat Safe Fish Consumption Guide for Northeast Michigan provides fish consumption advice for AuSable River, Van Etten Creek, Clark's Marsh, Allen Lake, and Van Etten Lake by fish species and fish length. The Eat Safe Fish Guide is not a regulatory requirement and is not enforced by legal authority; however, Michigan's administrative rules identify restrictions on fish consumption and other impairments as limitations that must be eliminated, and mandates their consideration in the development of cleanup criteria for surface water and surface water sediments. Mich Admin Code, R. 299.30. The existence of fish consumption advisories may also be useful as a metric of the effectiveness of the response actions in the future.

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Statute or Regulation	Citation	Description	ARAR/TBC	Rationale
<p>Final Health Consultation Guide Regarding PFOS in Fish by the Michigan Department of Health and Human Services</p>	<p>MDHHS, 2017. Health Consultation, Perfluorooctane Sulfonate (PFOS) in Fish, Former Wurtsmith Air Force Base https://www.michigan.gov/documents/mdhhs/WAFB_Fish_HC_Final_2-14-2017_552188_7.pdf</p>	<p>The Michigan Department of Health and Human Services (MDHHS) conducted this evaluation for the federal Agency for Toxic Substances and Disease Registry (ATSDR) under a cooperative agreement. ATSDR conducts public health activities (assessments/consultations, advisories, education) at sites of environmental contamination. The purpose of this document is to identify potentially harmful exposures and recommend actions that would minimize those exposures.</p>	<p>TBC (to be considered)</p>	<p>This document discusses the perfluorinated chemical (PFC) contamination at the former Wurtsmith Air Force Base (WAFB) in Oscoda, Michigan, with a focus on perfluorooctane sulfonate (PFOS) levels in fish sampled from nearby waterbodies. The document describes, in brief, the Michigan Department of Health and Human Services (MDHHS) public health hazard determination and resulting emergency Do Not Eat fish consumption advisory due to the elevated PFOS levels in the fish. The document also discusses MDHHS health education outreach actions conducted to-date. Lastly, the document lists conclusions and recommendations to address the continued release of PFCs into the waters surrounding WAFB.</p>

State Location-Specific ARARs

<p>Michigan Department of Health and Human Services' "Do Not Eat" Deer Advisory</p>	<p>MDHHS, October 19, 2018. "Do Not Eat" Advisory Issued for Deer Taken within five miles of Clark's Marsh, Oscoda Township. https://www.michigan.gov/pfasresponse/0,9038,7-365-86511_82704_83952-481207--,00.html</p>	<p>MDHHS issued a Do Not Eat advisory for deer taken within approximately five miles of Clark's Marsh in Oscoda Township due to high levels of PFOS found in a deer.</p>	<p>TBC (to be considered)</p>	<p>The five-mile radius encircles the Wurtsmith base property and covers what the DNR has estimated to be the expected travel range of deer living in or near the marsh. The area covered by the deer consumption advisory issued can be described as: From Lake Huron west along Aster Street, west on Davison Road, north on Brooks Road, east on Esmond Road, north on Old US 23, north on Wells Road, west on River Road, north on Federal Forest Road 2240, north on Lenard Road, north on Indian Road, and East on E. Kings Corner Road (along the county line) toward Lake to Lake Road, to Lake Huron.</p> <p>The advisory map was updated on September 18, 2019 to identify the advisory with the Public Land Survey System, rather than road names. The advisory includes portions of T24N R08E, T24N R09E, T23N R08E and T23N R09E. The map, including the Section numbers, is available at: https://www.michigan.gov/documents/pfasresponse/Advisory_AreaLR_636449_7.pdf</p> <p>The advisory is not a regulatory requirement and is not enforced by legal authority; however, Michigan's administrative rules identify risks to the public health, safety, and welfare and the environment, including food chain contamination, and mandates their consideration in the development of cleanup criteria for contaminated environmental media. Mich Admin Code R. 299.28. The existence of wild game advisories</p>
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State Location-Specific ARARs

STATE ARARs for US AIR FORCE INTERIM REMEDIAL ACTIONS AT WURTSMITH AIR FORCE BASE				
STATE LOCATION-SPECIFIC ARARs				
Statute or Regulation	Citation	Description	ARAR/TBC	Rationale
				may also be useful as a metric of the effectiveness of the response actions.
District Health Department No. 2 Van Etten Lake Foam Advisory	DHD2, September 1, 2017. "Do Not Eat the Foam" Advisory. https://www.michigan.gov/pfasresponse/0,9038,7-365-86511_82704_83952-512946--00.html (Actual advisory attached at the end of these ARAR tables)	On September 1, 2017, District Health Department #2 issued a "do not eat the foam" advisory for Van Etten Lake cautioning residents against swallowing the foam.	TBC (to be considered)	The foam advisory provides information urging residents to avoid ingesting the foam at Van Etten Lake. The advisory is not a regulatory requirement and is not enforced by legal authority; however, Michigan's administrative rules identify risks to the public health, safety, and welfare and the environment and mandates their consideration in the development of cleanup criteria for contaminated environmental media. Mich Admin Code R. 299.28. The existence of foam advisories may also be useful as a metric of the effectiveness of the response actions.
District Health Department No. 2 Cedar Lake Foam Advisory	DHD2, June 30, 2020. Residents should avoid foam on Cedar Lake due to PFAS and reminded to continue avoiding foam on Van Etten Lake. https://www.dhd2.org/wp-content/uploads/2020/06/2020-6-30-VEL-and-Cedar-Lake-foam.pdf	Urges residents to avoid foam on both Van Etten Lake and Cedar Lake due to high levels of PFAS.	TBC (to be considered)	The foam advisory provides information urging residents to avoid foam at Van Etten Lake and Cedar Lake. The advisory is not a regulatory requirement and is not enforced by legal authority; however, Michigan's administrative rules identify risks to the public health, safety, and welfare and the environment and mandates their consideration in the development of cleanup criteria for contaminated environmental media. Mich Admin Code R. 299.28. The existence of foam advisories may also be useful as a metric of the effectiveness of the response actions.

State Location-Specific ARARs

STATE ARARs for US AIR FORCE INTERIM REMEDIAL ACTIONS AT WURTSMITH AIR FORCE BASE				
STATE LOCATION-SPECIFIC ARARs				
Statute or Regulation	Citation	Description	ARAR/TBC	Rationale
<p>Michigan Department of Health and Human Services Statewide Foam Advisory</p>	<p>MDHHS, July 1, 2020. MDHHS reminds Michiganders to avoid foam on lakes and rivers with high levels of PFAS.</p> <p>https://www.michigan.gov/pfasresponse/0,9038,7-365-86513_96296-533419--,00.html</p>	<p>Urging people to avoid foam on Michigan lakes and rivers statewide known to have PFAS in the water, including best practices of rinsing off foam and bathing after outdoor activities. Helps individuals distinguish natural foam from PFAS foam.</p>	<p>To Be Considered (TBCs)</p>	<p>The foam advisory provides information urging residents to avoid foam statewide at lakes and rivers known to have PFAS in the water. The advisory is not a regulatory requirement and is not enforced by legal authority; however, Michigan's administrative rules identify risks to the public health, safety, and welfare and the environment and mandates their consideration in the development of cleanup criteria for contaminated environmental media. Mich Admin Code R. 299.28. The existence of foam advisories may also be useful as a metric of the effectiveness of the response actions.</p>

State Location-Specific ARARs

STATE ARARs for US AIR FORCE INTERIM REMEDIAL ACTIONS AT WURTSMITH AIR FORCE BASE				
STATE LOCATION-SPECIFIC ARARs				
Statute or Regulation	Citation	Description	ARAR/TBC	Rationale
<p>Wild Game Advisory as issued by Michigan Department of Health and Human Services</p>	<p>DHHS, December 8, 2019. Public Health Advisory for Wildlife from Clark's Marsh.</p> <p>https://www.dhd2.org/wurtsmith-activities</p> <p>https://www.dhd2.org/wp-content/uploads/2019/12/APPROVED-Clarks-Marsh-Memo_Do-Not-Eat-Wildlife.pdf</p>	<p>Wild Game Advisories apply to various species of game living Clark's Marsh, near the former Wurtsmith Air Force Base. The consumption guidelines are based on testing of game from the area, and provide the public with the information needed to make decisions to protect themselves and their families from the health risks of consuming game that contain environmental contaminants.</p>	<p>TBC (to be considered)</p>	<p>The Public Health Advisory for Wildlife provides wild game consumption advice for all resident aquatic and semi-aquatic wildlife taken from Clark's Marsh.</p> <p>The advisory has been posted at Clark's Marsh.</p> <p>The advisory is not a regulatory requirement and is not enforced by legal authority; however, Michigan's administrative rules identify risks to the public health, safety, and welfare and the environment, including food chain contamination, and mandates their consideration in the development of cleanup criteria for contaminated environmental media. Mich Admin Code R. 299.28. The existence of wild game advisories may also be useful as a metric of the effectiveness of the response actions.</p>



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MEDIA RELEASE

For Immediate Release

Date: September 1, 2017

Contact: Tracey Wood

Out of an abundance of caution going into the holiday weekend, District Health Department No. 2, and the Michigan Departments of Health and Human Services (MDHHS) and Environmental Quality (DEQ) are recommending that visitors to Van Etten Lake avoid ingesting foam that may occur at beaches or on the shorelines.

Skin contact with the foam is not considered to be of concern. Previous testing of the foam from Van Etten Lake did not show polyfluoroalkly substance (PFAS) levels that would be expected to harm human health. As a result of additional testing of foam, higher levels of PFAS have been found which require additional testing and analysis.

For more information about shoreline foam, please [see this report from the Michigan Department of Environmental Quality](#) or visit the MDEQ website at www.michigan.gov/deq. Residents with questions or concerns may call MDHHS at 1-800-648-6942.