

MDEQ Update CEW 2019

Transportation Review Unit

Jim Watling, PE

watlingj@Michigan.gov

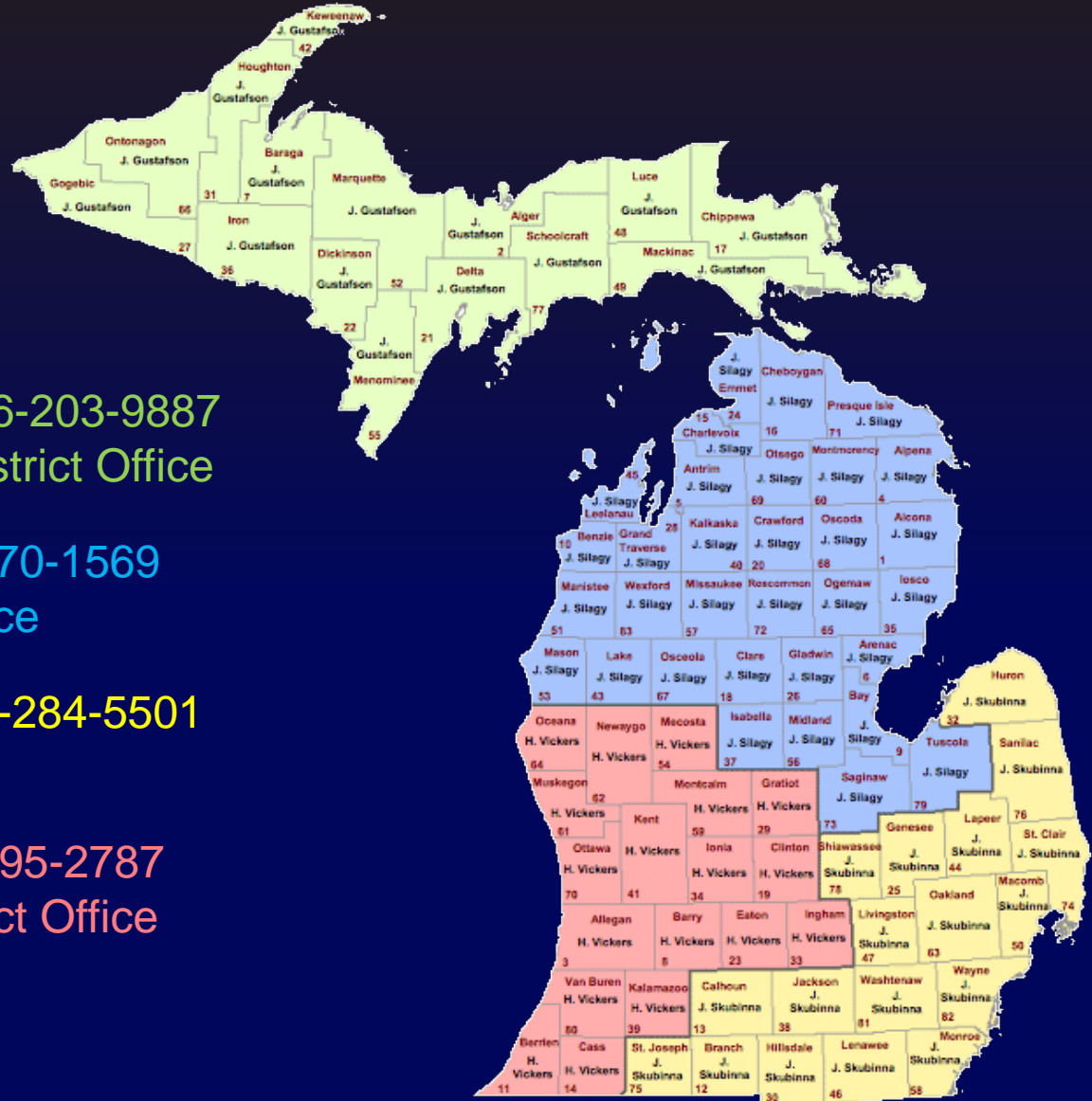
517-284-5504

New Name: Department of Environment, Great Lakes and Energy (DEGLE)

- Public advocate offices - make it easier for citizens to register their concerns and improve accountability
- New office on climate policy - reduce emissions of greenhouse gases and promote renewable energy while helping Michigan adjust to a warmer world
- Strengthening an interagency team dealing with the emerging threat of toxic chemicals in drinking water, known as per- and poly-fluoroalkyl substances, or PFAS
- The Michigan Agency for Energy and the Office of the Great Lakes will be part of Dept of Environment, Great Lakes, and Energy.

Transportation Projects Permitting Staff

- John Gustafson, 906-203-9887
Upper Peninsula District Office
- Luke Golden, 989-370-1569
Cadillac District Office
- John Skubinna, 517-284-5501
Lansing Office
- Holly Vickers, 616-295-2787
Grand Rapids District Office



Transportation Project Hydraulic Review Staff



- Linda Hansen, 906-353-7522
Baraga Field Office
- Minmin Shu, 517-284-5506
Lansing Office
- Ashley Roznowski, 517-284-5504
Lansing Office

Websites

Transportation Review Unit

www.michigan.gov/deqtransportationreview

MiWaters

miwaters.deq.state.mi.us/miwaters

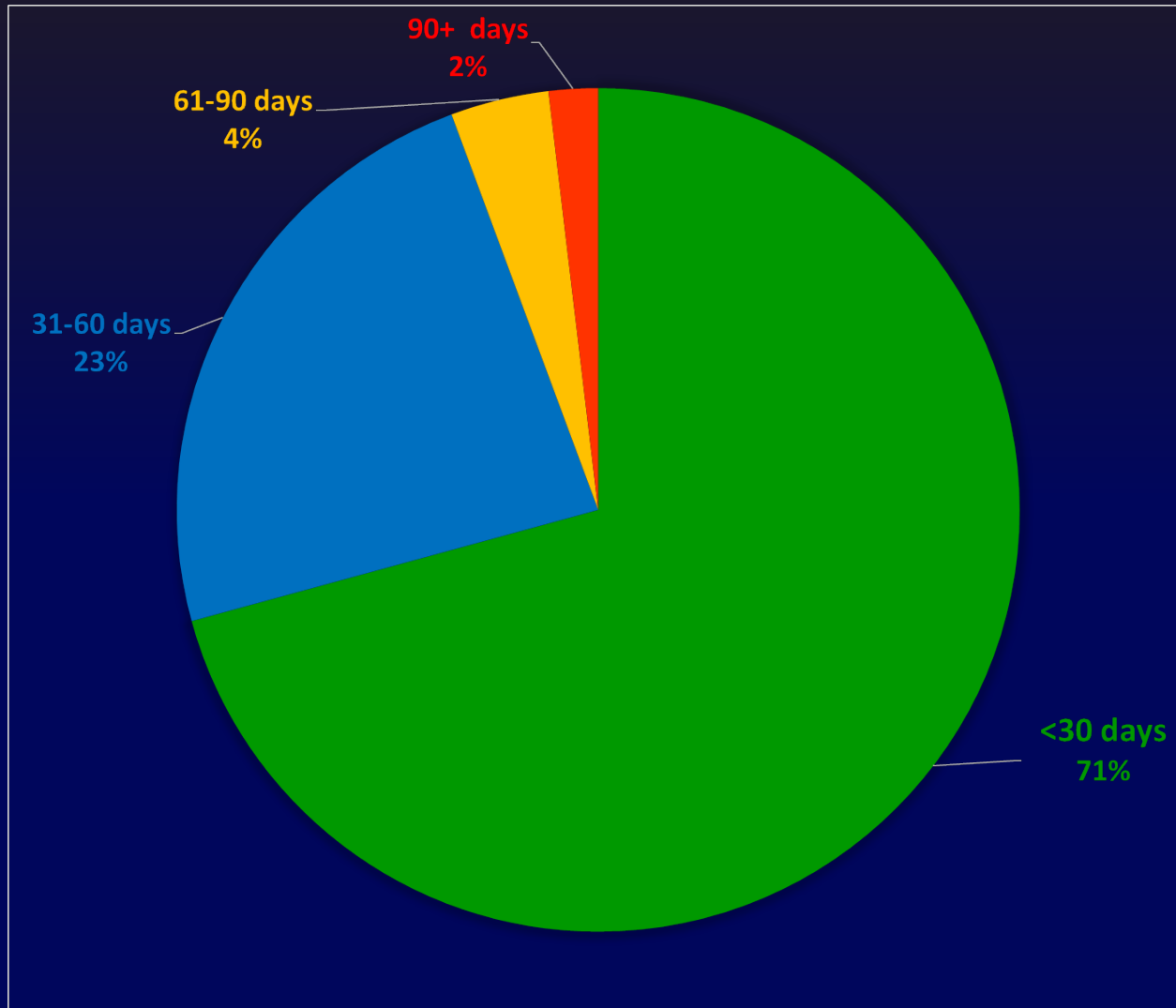
Joint Agency Transportation Committee:

www.michigan.gov/deq/0,4561,7-135-3313_3684_15299-11310--,00.html

JUST USE GOOGLE!

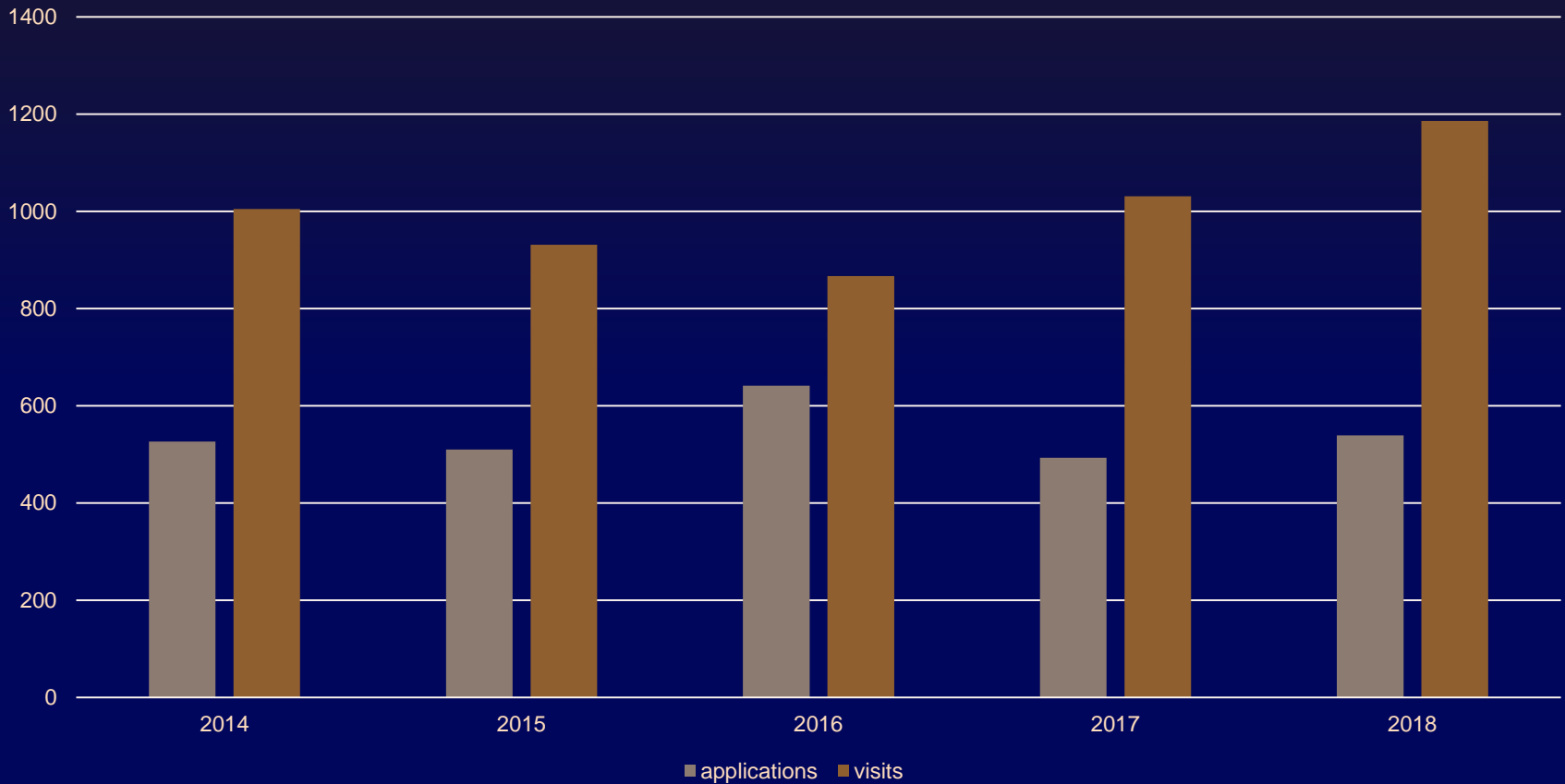
FY 2018 Metrics

2018 Permit Timeframes

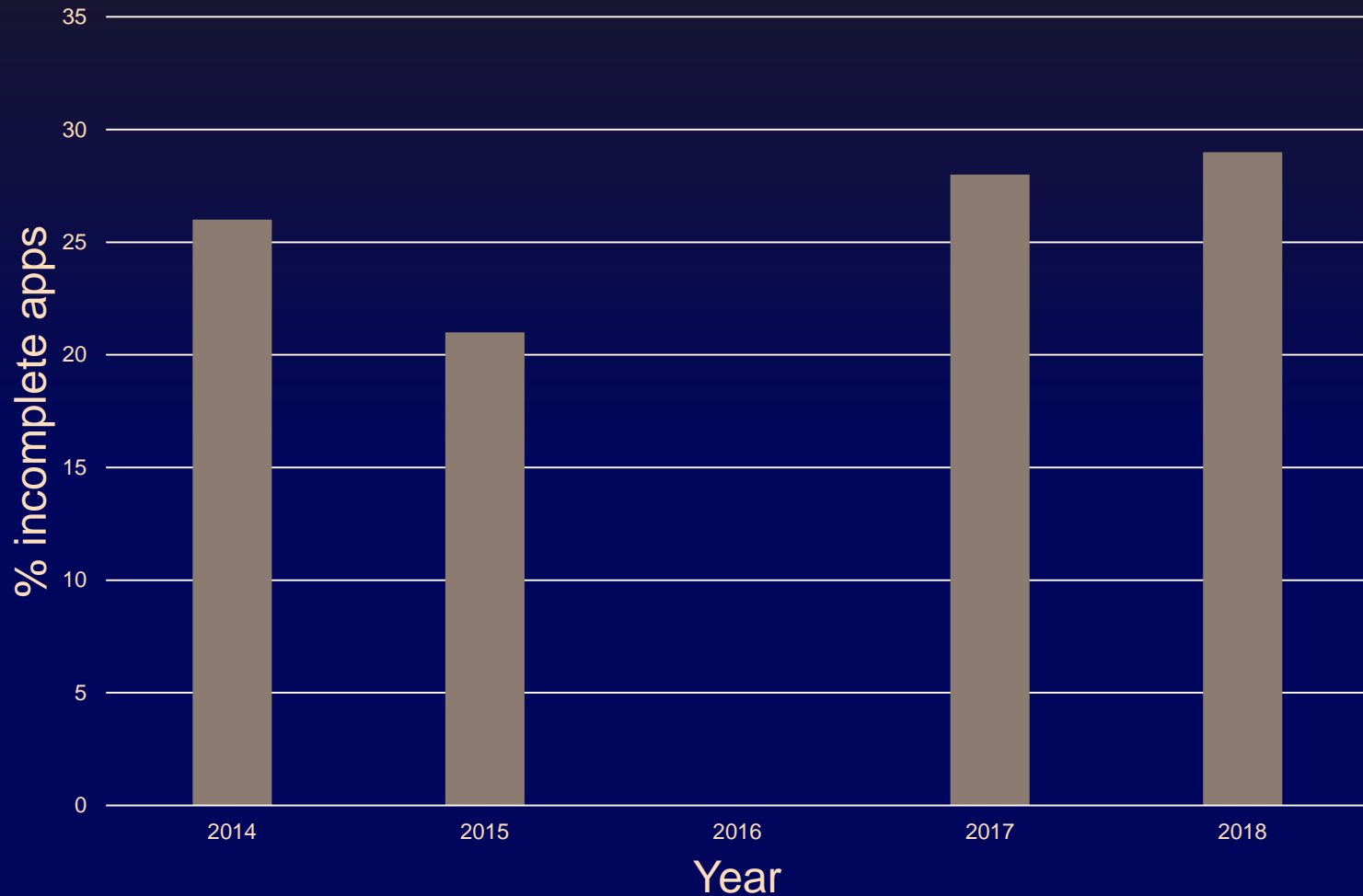


5 Year Comparison

Apps and Visits by Year

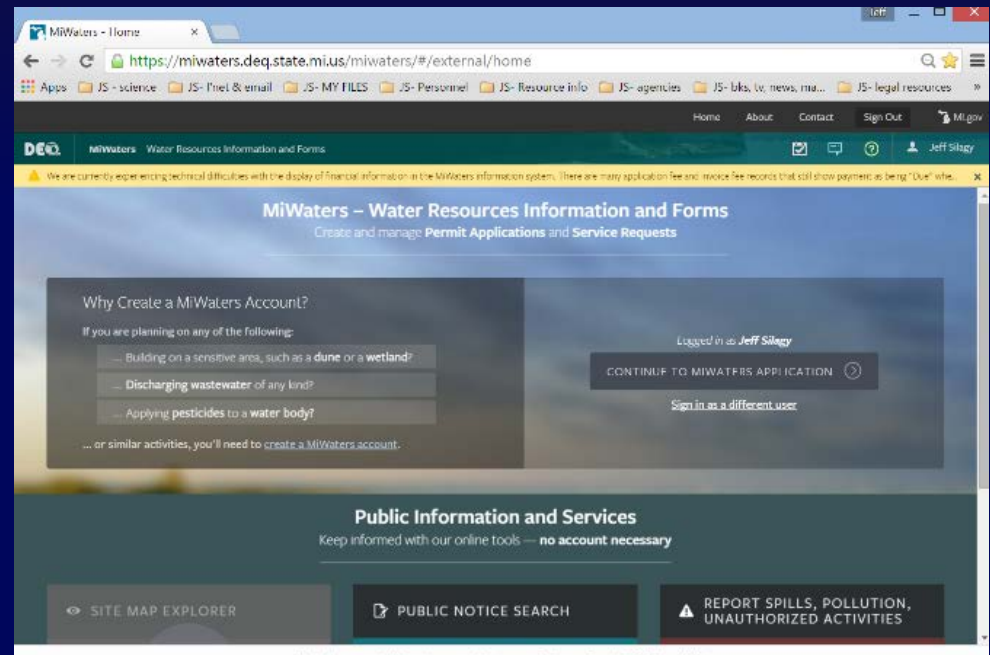


Incomplete Applications



Frequent Problems Causing Delays

- Use Correct “TRANSPORTATION” form
- Place site on map correctly
- MiWaters is organized by “site” or project location.
- Authorized Agent Letter
- T & E Clearances
- Show Impacts on Plans



TRU & Pathway Projects

- Road Commission must be “proper” applicant.
 - Own the right-of-way/property
 - Oversee construction
- Responsible for permit compliance



MiWaters – Use Correct Form

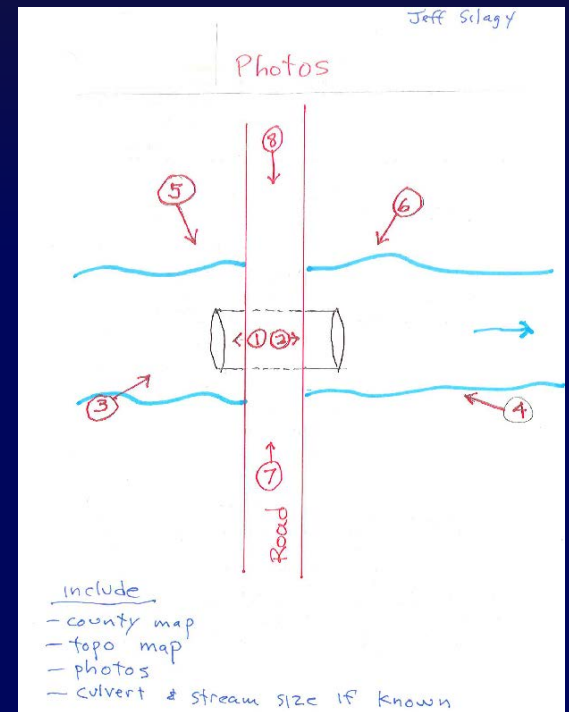
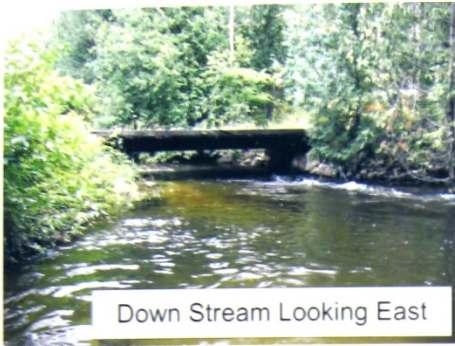
Forms - Start a New Form [View All Apps, Requests and Reports](#) [Find and submit a new application](#)

Form Name	Form Description
<input type="text" value="Transportation"/>	<input type="text"/>
Application - Transportation Emergency Request Form	Emergency Information Sheet For Bridge or Culvert Failure
Application - Public Transportation Projects MDEQ/USACE Joint Permit Application (JPA) for Inland Lakes and Streams, Great Lakes, Wetlands, Floodplains, Dams, Environmental Areas, High Risk Erosion Areas and Critical Dune Areas	Joint Permit Application for work done by Public Transportation Agencies in Inland Lakes and Streams, Great Lakes, Wetlands, Floodplains, Dams, High Risk Erosion Areas and Critical Dune Areas
Service Request - Transportation Service Request – T&E Species & SHPO Map/Data Review (Preliminary Desktop Review)	Request a desktop review for the occurrence of threatened & endangered species and other items of concern such as historical sites registered with the State Historical Preservation Society, known contamination, and proximity to Section 10 waters.
Service Request - Voluntary Transportation Preliminary Review Request	The Joint Agency Transportation Committee (JATC) consisting of a number of departments including MDEQ has developed this form to allow Public Transportation Agencies to solicit early hydrologic/hydraulic and environmental input on their future projects.

Voluntary Preliminary Reviews (VPRs)

- ❑ Request in MiWaters
- ❑ Include Info with Request - map, plans, pics
- ❑ Request flood flows

Include: Photos Sketches Plans



RECEIVED

FEB 05 2009

TRANSPORTATION AND
FLOOD HAZARD MANAGEMENT UNIT

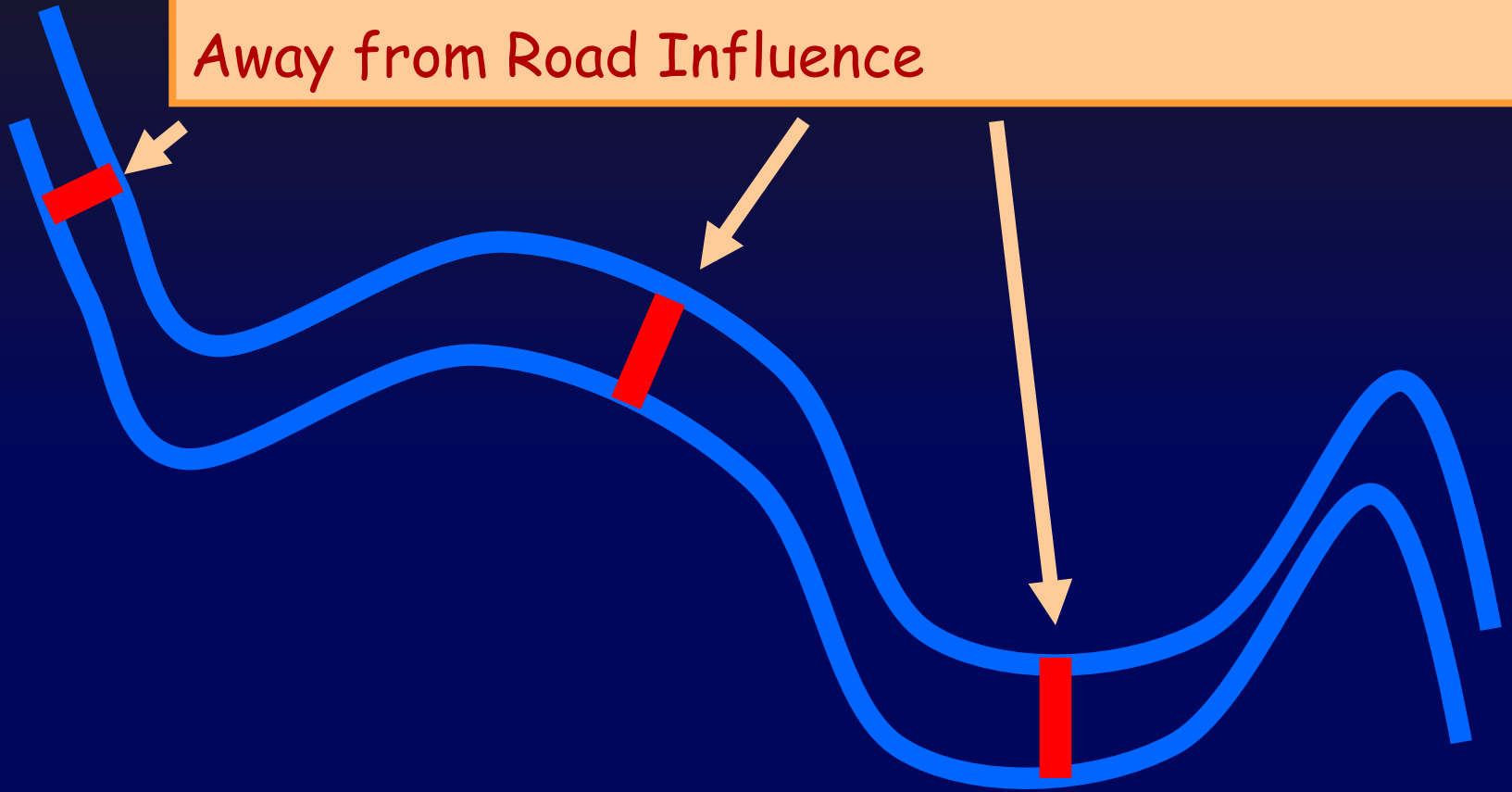
Bankfull Structures

- Under Part 301, resource impacts must be minimized
- Bankfull considered “minimal” impact
 - Allows for natural stream function (transporting water & sediment)
 - Fish passage (<2 fps for < bankfull events)
- Bankfull incentivized by qualifying for minor project
- Applications <Bankfull should be justified (and documented)
- Alternatives Analysis

Where to Measure Bankfull Width:

Straight Area of Stream (riffle)

Away from Road Influence



FEMA Replacement Structures

Conclusion:

FEMA has determined that when a culvert or bridge is eligible for replacement, the bank full sizing requirements outlined in the MDEQ General Permit and Minor Project criteria are a standard as defined by regulation and FEMA policy. Accordingly, the increased costs of replacing destroyed culverts and bridges with structures that meet the bankfull requirements is eligible.

Perched Culverts

- ❑ Committee – flow chart
- ❑ Lower all the way – if you can
- ❑ And/ Or use grade control



Grade Control



11.12.2015



12.06.2016 11:21



11.12.2015 15:49

Michigan Mussel Protocol



Massasauga Rattler

- ❑ Section 7 Consultation (before submitting JPA)
- ❑ Use snake-friendly silt fence - exclude from work area.



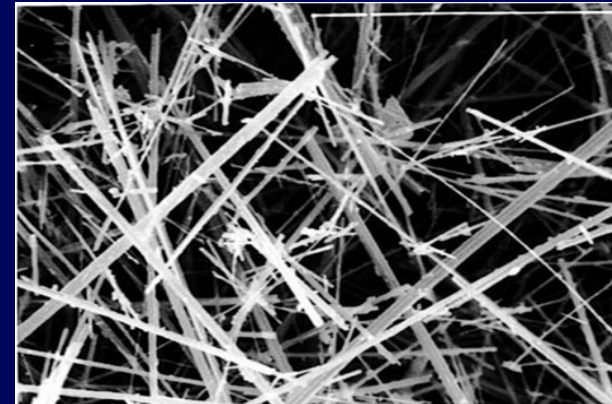
Herp Friendly Stabilization



© Jason Steel 2013

Asbestos Testing Bridge Demolition

- Required for all “facilities” (includes bridges)
- Not a new requirement.
- USEPA clarification resulted in increased enforcement
- Certified Asbestos Tester
- Each different material must be tested.
- Must file “Notification of Intent to Renovate/Demolish” online submission
- Contact Jeremiah Brown, AQD
517-599-7825



Part 213 Amendment

- Leaking Underground Storage Tank Sites
- Environmental Licensing Agreement (ELA)
- Allows Contaminated Site to be closed and contamination to remain in place under roads.
- Environmental Mapper
- Road agency must notify MDEQ if performing work in a site with an ELA (Notice of Onsite Work Activity – 48 hours)
- Resource and Redevelopment Division
Contact Joshua Mosher (517) 285-5137
or Kevin Schrems (517) 284-5149



Upcoming Changes to MiWaters

- New Correction Request System
- New Joint Permit Application

Correction Requests

The screenshot shows a web application interface for 'Correction Requests'. At the top, there is a header with 'MiWaters' and 'Water Resources Information and Forms' on the left, and 'ALPHA MIWATERS' in a blue box on the right. Below the header, there are navigation tabs: 'Priority (2)', 'Upcoming (0)', 'As Needed (0)', 'Draft (1)', and 'In Process (2)'. The 'Priority (2)' tab is selected and underlined. The main content area is titled 'HIGH PRIORITY' and contains two entries. Each entry has a title 'Testing Correction and Form Output', a subtitle 'Application HNJ-TXYR-5BZBE — Internal Testing of JPA - new version 12...' (with a mouse cursor pointing to the subtitle), and a status indicator 'ON HOLD - ACTION NEEDED' in a red box. The first entry includes a 'Revise' button and a description: 'The submission was received on 12/05/2018. blah blah blah. Contact Mark Schieber at (269) 568-2750 or SchieberM@TESTmichigan.gov with questions.' The second entry includes 'Continue' and 'Delete Draft' buttons and a description: 'The submission was received on 12/04/2018. The latest draft revision is v3. please respond to correction request. review application and respond to requests for corrections.. Contact Mark Schieber at (269) 568-2750 or SchieberM@TESTmichigan.gov with questions.' On the left side, there is a vertical navigation menu with items: 'ing Correction and Output', 'board', 'ications', 'ts List', 'Requests and Reports', 's', 'tions', 'ons', 'iance and', 'ement Actions', 'ials', 'nents', and 'rized Users'.

Correction Requests



PREVIOUS SECTION
Processing Info



Instructions

CLEAR SECTION

To download a copy or print these instructions. Please click this link (recommended).

The MDEQ/USACE "Joint Permit Application" (JPA)

READ THOROUGHLY BEFORE STARTING THE FORM

It is recommended to print this page for reference while filling out the form.

This is the Joint Permit Application (JPA) for construction activities where the land meets the water. This application covers permit requirements derived from state and federal rules and regulations for activities involving:

- Wetlands
- Floodplains
- Marinas
- Dams
- Inland Lakes and Streams
- Great Lakes Bottomlands
- Critical Dunes
- High Risk Erosion Areas

This application is intended to prevent duplication of state and federal permitting for these activities, and thus no additional application is necessary for both state and federal

Correction Requests 5

CREATED
CONTACT INFORMATION > IS THE PROPERTY OWNER DIFFERENT FROM THE APPLICANT?
property owner

CREATED
PROJECT DESCRIPTION > PROJECT CONSTRUCTION SEQUENCE, METHODS, AND EQUIPMENT: DESCRIBE HOW THE PROPOSED PROJECT TIMING, METHODS, AND EQUIPMENT WILL MINIMIZE DISTURBANCE FROM THE PROJECT CONSTRUCTION, INCLUDING BUT NOT LIMITED TO SOIL EROSION AND SEDIMENTATION CONTROL MEASURES.
Project construction sequence is incomplete

CREATED
PROJECT DESCRIPTION > PROJECT ALTERNATIVES: DESCRIBE ALL OPTIONS CONSIDERED AS ALTERNATIVES TO THE PROPOSED PROJECT, AND DESCRIBE HOW IMPACTS TO STATE AND FEDERAL REGULATED WATERS WILL BE AVOIDED AND MINIMIZED. THIS MAY INCLUDE OTHER LOCATIONS, MATERIALS, ETC.
Project alternatives not complete

CREATED
INLAND LAKES, GREAT LAKES AND STREAM IMPACTS > PROJECTS INVOLVING FILL:
this table is incomplete

CREATED
UPLOAD OF PROPOSED SITE PLANS > UPLOAD SITE PLANS AND CROSS SECTION DRAWINGS FOR YOUR PROPOSED PROJECT
Site Plans are incomplete

Correction Requests

Final Testing of JPA - new version 12/18
on HNJ-TXYR-5BZBE Revision 2 Form Version 1.5

Individual Permit Application Fee
\$500.00

Organization Name

Phone Type: Home Phone Number: 222-222-2222

Email: markschieber@TESTgmail.com

Fax:

Address Line 1: 1234 run street
Address Line 2:

City: Kalamazoo State/Area: MI Postal Code: 49006

Country: United States

Is the Property Owner different from the Applicant?
No

Has the applicant hired an agent or cooperating agency (agency or firm assisting Applicant)?
No

Correction Request

property owner

enter info

Comment

Content

No really I am the owner. maybe records are not updated yet.

Instructions

Contact Information

Project Location

Background Information

Permit Application Category and Public Notice Information

Project Description

Resource and Activity Type

Bridges 1

Culverts 1

Upload of Proposed Site Plans

Fees

Review

Certify & Submit

SELECT THE ACTIVITIES from the list below that are proposed in your project (check ALL that apply). If you don't see your project type listed, select "Other Project Type". These activities listed require additional information to be gathered later in the application.

<input checked="" type="checkbox"/> Bridges	<input type="checkbox"/> Buoys
<input type="checkbox"/> Boat Well	<input type="checkbox"/> Boat Ramp
<input type="checkbox"/> Boat Hoist	<input checked="" type="checkbox"/> Culverts
<input type="checkbox"/> Dock/Pier/Mooring	<input type="checkbox"/> Drawdown
<input type="checkbox"/> Fences	<input type="checkbox"/> Intake or Outfall Structures
<input type="checkbox"/> Marina Construction, Expansion & Reconfiguration	<input type="checkbox"/> Shore Protection such as Seawalls, RipRap, and Bioengineering
<input type="checkbox"/> Stream, River or Drain Construction Relocation and Enclosure Activities	<input type="checkbox"/> Utility Crossings
<input type="checkbox"/> Wetland Restoration	<input type="checkbox"/> Other Project Type

* The Proposed Project will involve the following resources (check ALL that apply).

<input type="checkbox"/> Wetland	<input type="checkbox"/> Proposed Wetland Mitigation
<input type="checkbox"/> Stream or River	<input type="checkbox"/> Channel or Canal
<input type="checkbox"/> Proposed Stream Mitigation	<input type="checkbox"/> Inland Lake (open water greater than 5 acres in size)
<input type="checkbox"/> Great Lake	<input type="checkbox"/> Pond (open water less than 5 acres in size)
<input type="checkbox"/> 100-year Floodplain	<input type="checkbox"/> Dam
<input type="checkbox"/> Critical Dune Area	<input type="checkbox"/> High Risk Erosion Area
<input type="checkbox"/> Environmental Area	

Joint Agency Transportation Committee (JATC)

- MDEQ + MDOT + CRA + Local road agencies
- Meets quarterly to discuss environmental requirements and implementation issues specific to transportation projects
- Beginning discussions on updating MOU



Questions ?