

# MDEQ Update CEW 2018

Transportation and Flood Hazard Unit

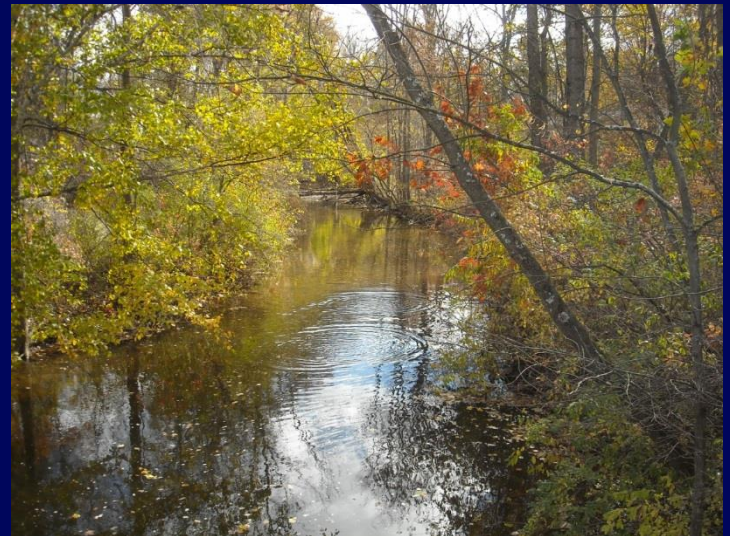
Jim Watling, PE  
watlingj@Michigan.gov  
517-284-5504

# Websites

[www.michigan.gov/deqtransportationreview](http://www.michigan.gov/deqtransportationreview)

[miwaters.deq.state.mi.us/miwaters](http://miwaters.deq.state.mi.us/miwaters)

[www.michigan.gov/deq/0,4561,7-135-3313\\_3684\\_15299-11310--,00.html](http://www.michigan.gov/deq/0,4561,7-135-3313_3684_15299-11310--,00.html)



# 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

# MiWaters

The screenshot displays the MiWaters website interface. At the top, there is a browser window with the address bar showing <https://miwaters.deq.state.mi.us/miwaters/#/external/home>. Below the browser window, a navigation bar includes links for Home, About, Contact, Sign Out, and a user profile for Jeff Silagy. A yellow warning banner at the top of the page states: "We are currently experiencing technical difficulties with the display of financial information in the MiWaters information system. There are many application fee and invoice fee records that still show payment as being 'Due' when..."

The main heading is "MiWaters – Water Resources Information and Forms", with the subtitle "Create and manage Permit Applications and Service Requests".

Under the heading "Why Create a MiWaters Account?", it lists reasons for creating an account:

- ... Building on a sensitive area, such as a **dune** or a **wetland**?
- ... **Discharging wastewater** of any kind?
- ... Applying **pesticides** to a **water body**?

... or similar activities, you'll need to create a **MiWaters** account.

On the right side, it shows "Logged in as **Jeff Silagy**" and a button "CONTINUE TO MIWATERS APPLICATION" with a right arrow icon. Below this is a link "Sign in as a different user".

The section "Public Information and Services" includes the text "Keep informed with our online tools — **no account necessary**".

At the bottom, there are three main service buttons:

- SITE MAP EXPLORER**
- PUBLIC NOTICE SEARCH**
- REPORT SPILLS, POLLUTION, UNAUTHORIZED ACTIVITIES**



# TFHU - Services

Forms - Start a New Form

View All Apps, Requests and Reports

Find and submit a new application o

Form Name	Form Description
<div>Transportation</div>	
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.

# TFHU - Services

Information and Forms

Applications, Requests

Applications, Se  
Including any other fo

Start New Fo  
Permit Applicati  
Forms, and mor

### Select New Form Category

Please choose from the following:

**Permit Change Forms**

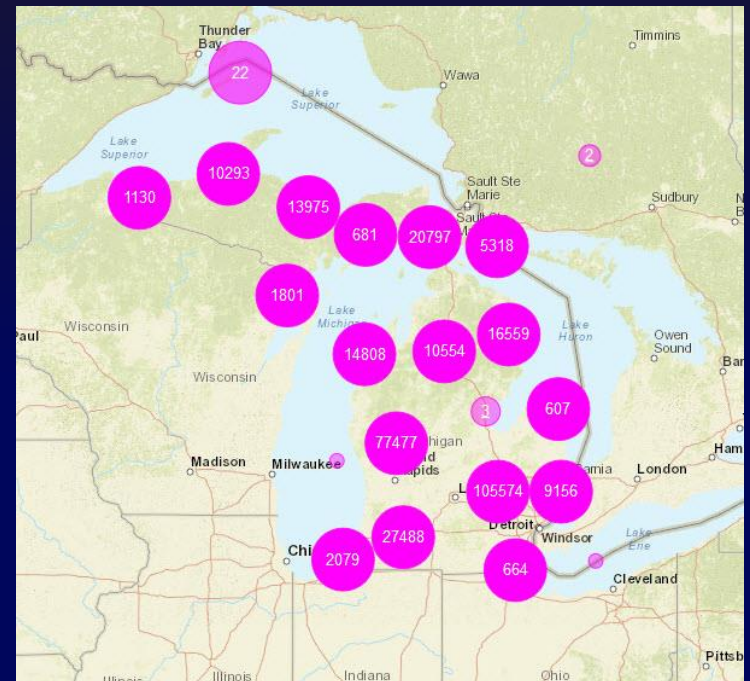
Forms used to **reissue, modify, transfer** or **terminate** a permit

**All Other Forms**

Applications, Service Requests, and other forms **not pertaining to** permit change requests

# Frequent MiWaters Problems

- Use Correct "TRANSPORTATION" form
- Place site on map correctly
- MiWaters is organized by "site" or project location.





# FY 2017 Report

	MDOT	County	Municipal	Total
<b>Applications Received</b>	50	376	34	460
<b>Incomplete Applications</b>	13	101	18	132
<b>Emergency Applications</b>	1	27	0	28
<b>Permit Revision Requests</b>	15	12	2	29
<b>Applications Processed</b>	60	374	34	468
<b>PNs Processed</b>	24	139	15	178
<b>Red Files Processed</b>	0	2	0	2
<b>MPs Processed</b>	34	232	15	281
<b>GPs Processed</b>	2	3	1	6
<b>Preliminary Reviews</b>	49	410	34	493
<b>Complaints</b>	1	14	2	17
<b>Hydraulic Reviews</b>	48	175	20	243
<b>Part 31 Review (No Modeling)</b>	20	177	12	209
<b>Flood Discharges Provided</b>	81	287	21	389

# 4 Year Comparison

	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
<b>Applications Received</b>	526	510	641	460
<b>Applications Processed</b>	531	482	529	468
<b>Preliminary Reviews</b>	625	531	419	493
<b>Hydraulic Reviews</b>	471	347	498	452
<b>Flood Discharges Provided</b>	290	396	323	389
<b>Incomplete Applications</b>	26%	21%*	*	29%

	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
<b>Meetings/Field Inspections</b>	1005	931	867	1010
<b>CRC Meetings Attended</b>	17	14	20	31
<b>Presentations made</b>	7	5	4	11

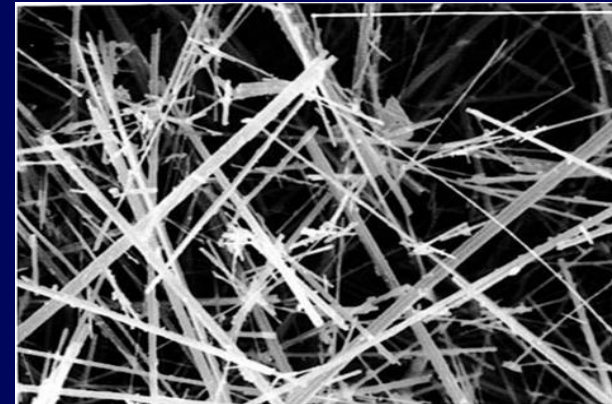
	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
<b>30 days and under</b>	56%	66%	47%	66%
<b>31-60 days</b>	30%	28%	44%	29%
<b>61-90 days</b>	12%	4%	6%	3%
<b>over 90 days</b>	2%	2%	3%	3%

# Joint Agency Transportation Committee

- MDOT
- CRA
- local road agencies
- meets quarterly to discuss environmental requirements and implementation issues

# 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



# TRU & Pathway Projects

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





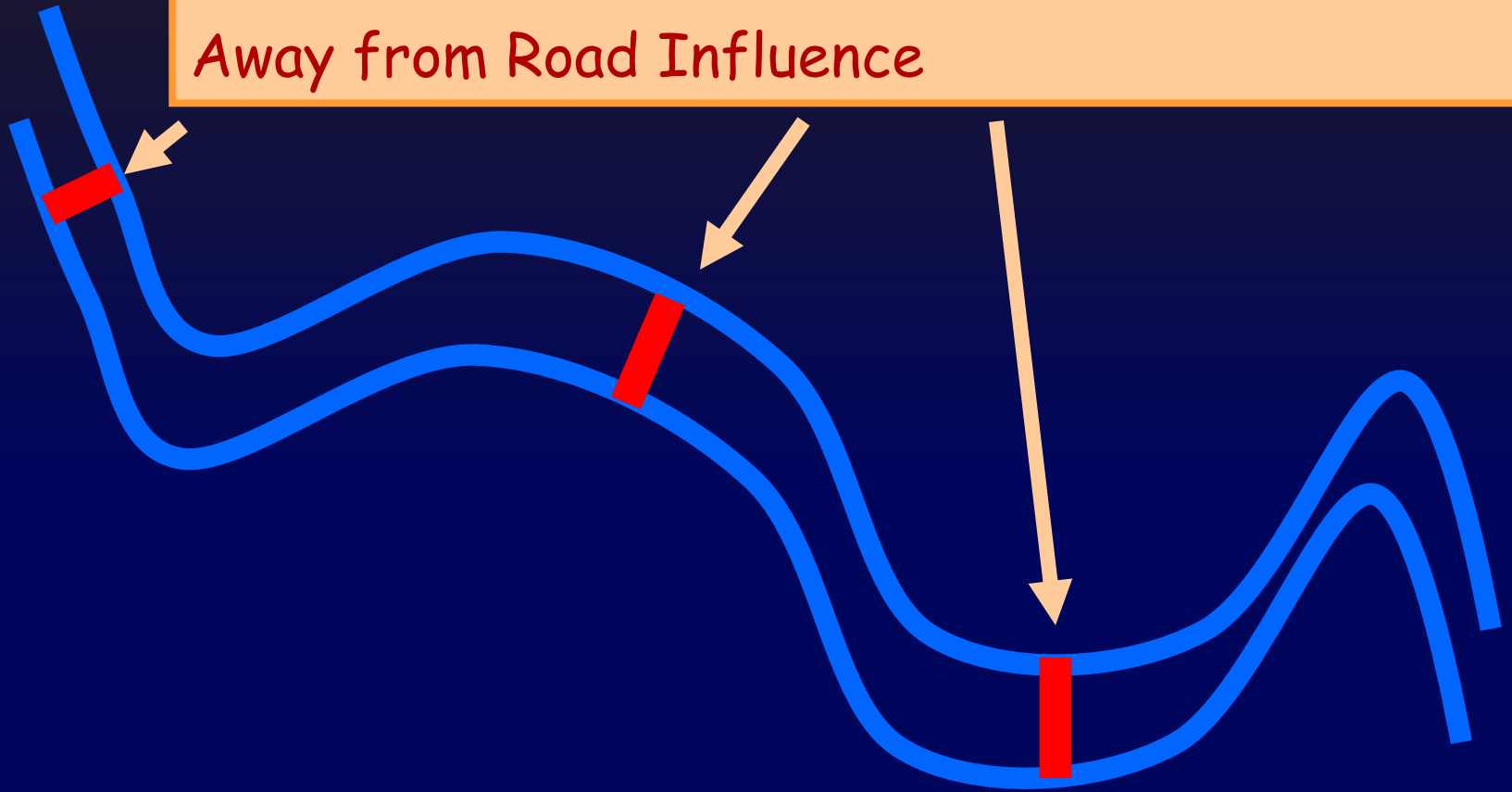
# Bankfull Structures

- 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 must be justified (and documented)
- Alternatives Analysis

# Where to Measure Bankfull Width:

Straight Area of Stream (riffle)

Away from Road Influence

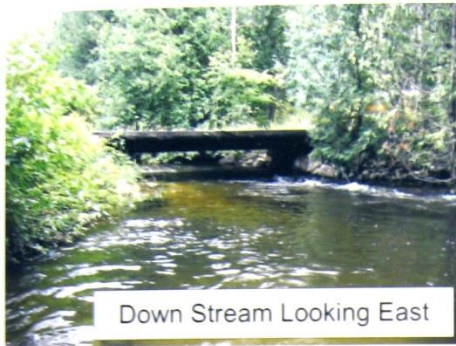


# DEQ Site Visit

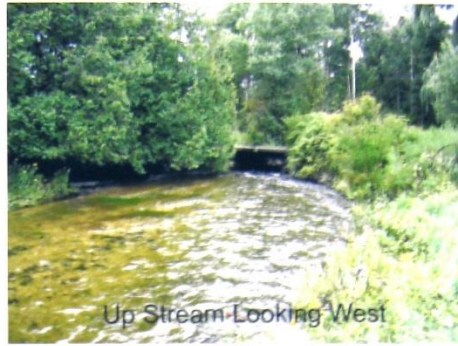
- ❑ Send info ahead of time- map, plans, pics
- ❑ Request flood flows
- ❑ Include all sites for coming year
- ❑ Current/finished projects

Tuscola County Road Commission Structure Work PROPOSED for 2015						
TCRC #	Location	Drain	Proposed Work	TWP	Year Built	DEQ Permit Issued
2363	Deckerville 35' E Unionville	Shafer	Structure Design & Replacement	Almer	unk	To Be Deter.
2013	Dutcher 0.15 W Graf	Wiscoggin	Design for Replacement	Almer	1972	Need
2355	Graf 0.15 N of Darbee	Romain	Structure Replacement	Almer	1920E	Need
2359	Graf 40' S of Fairgrove	Wiscoggin	Structure Replacement	Almer	1977	6/25/2014
2294	Barnes b/w Reese and Lewis	Dead Creek	Design for Replacement	Arbela	1925 E	To Be Deter.
2366	Brewer 0.4 mile E of Bray	Calkins	Structure Design & Replacement	Arbela	1971	Need
2199	Remington N. of Dickerson	Columbian Drain	Structure Replacement	Columbia	1960E	3/17/2014
2358	Sheridan 0.3 N of Fairgrove	Bills-Rohlf's	Structure Replacement	Fairgrove	1973	Need
2357	Riley W. of Pierce	Applegate	Structure Replacement	Indianfield	1920E	Need
2075	Legg Road E of Kingston	White Crk Drain #2	Fed Aid Bridge Replacement 2015	Kingston		1/15/2015

# Photos



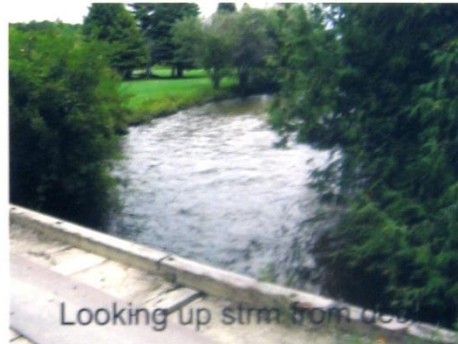
Down Stream Looking East



Up Stream Looking West



Looking down strm from deck



Looking up strm from deck

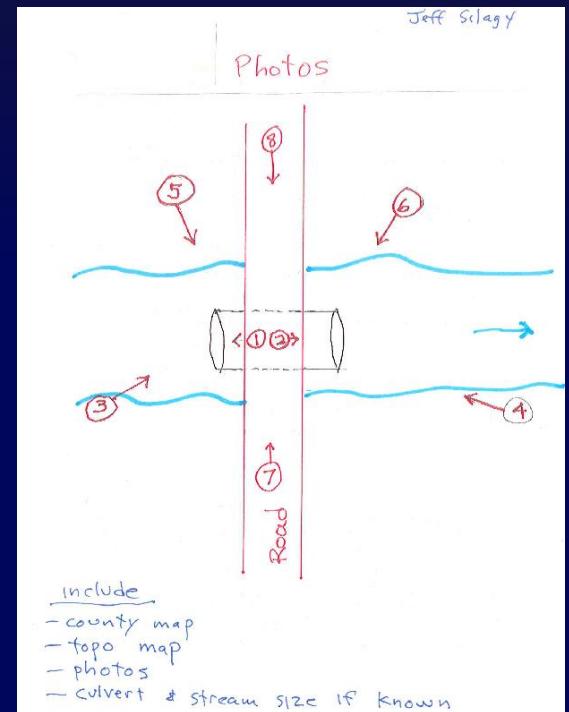


Exist Bridge looking north

RECEIVED

FEB 05 2009

TRANSPORTATION AND  
FLOOD HAZARD MANAGEMENT UNIT



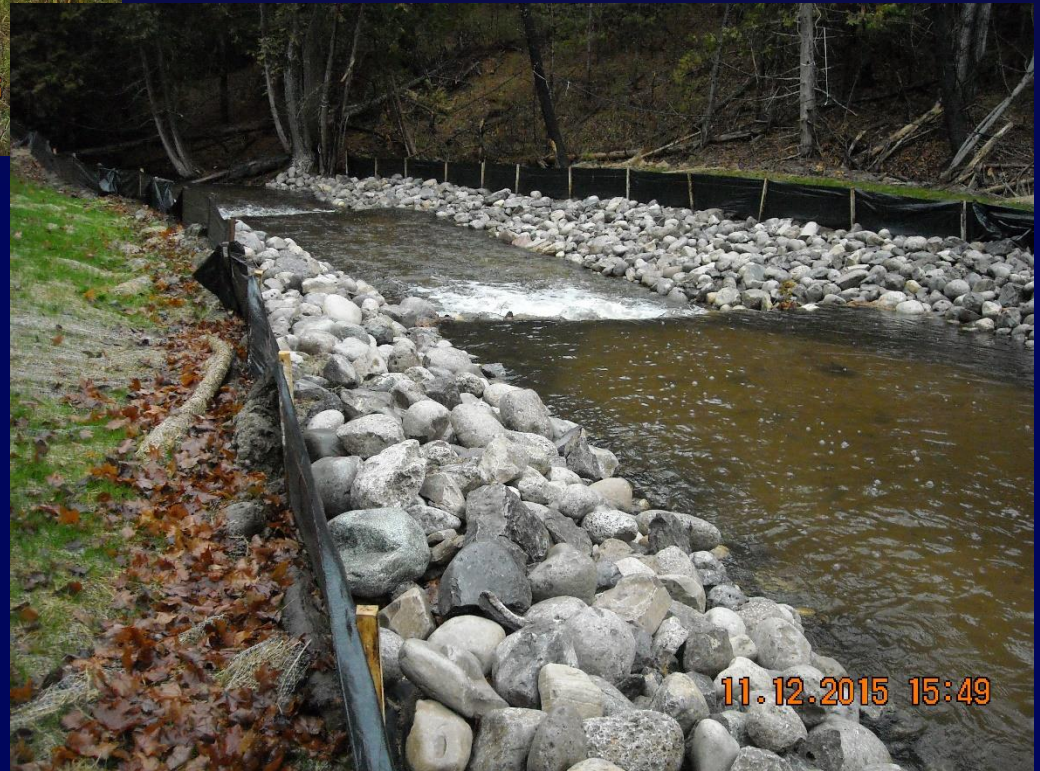
# Perched Culverts

- ❑ Lower all the way - if you can
- ❑ And/ Or use grade control





# Grade Control





# Massasauga Rattler

□ Section 7 Consultation (before submitting JPA)



# Snake-Friendly erosion control





A photograph of a river flowing through a snowy forest. The river is dark and narrow, winding through a landscape covered in snow. On either side of the river, there are dense evergreen trees, some of which are covered in snow. The trees have a mix of green and yellowish-brown foliage. In the foreground, a large, fallen tree trunk lies across the river. The background shows more trees and a hazy sky.

Questions ?