

Michigan Department of Environmental Quality

Soil Erosion & Sedimentation Control and the Construction Storm Water Permit Program Overview

December 17, 2013



Webinar Set Up

- **Moderator:**
Jim Ostrowski
DEQ, Office of Environmental Assistance
- **All lines will be muted**
- **Questions can be sent to us via the question/chat box**
- **We will record webinar and post online**



Soil Erosion & Sedimentation Control and the Construction Storm Water Permit Program Overview

Presented by:
Sarah Ehinger, DEQ



Outline

- Regulated Activities
- Overview of Permit Programs
- How to Apply for Each Permit
- Actions Required to Comply
- Common Compliance Problems

www.michigan.gov/soilerosion



Poll Question



Two Similar Permit Programs

- Part 91, Soil Erosion and Sedimentation Control (SESC) Program
 - State-mandated program
- Construction Storm Water (CSW) – Michigan's Permit-by-Rule
 - Federally-mandated program



Earth Change Activities



Photo courtesy of Traverse City Water and Sewer

Part 91 (SESC) Program

- Counties (CEAs)
- Select Cities, Villages, and Townships (MEAs)
- Governmental agencies such as road and drain commissions (APAs)
- Programmatic oversight by DEQ of CEAs, MEAs and APAs



SESC Program



Permit Required

- SESC permits are required for earth change activities that:
 - 1) **Disturb one or more acres** of land or
 - 2) are located **within 500 ft of a lake or stream**
- Several permit exemptions, but you should always check with the County or Municipal Enforcing Agency.
- Authorized Public Agencies are not required to apply for SESC permits, but must follow all other aspects of the Part 91 and their approved procedures

Permit Exemptions

1. Plowing and tilling for crop production
2. Mining and logging and integral activities
Permits still required for...
 - a) Access roads
 - b) Ancillary activities
 - c) Clay, gravel, sand, peat, and topsoil mining
3. Oil and Gas exploration or development (if SESC plan approved by DEQ under Part 615)
4. Road and Driveway maintenance (no change in length or width)



Permit Exemptions Cont.

5. Minor earth change stabilized in 24 hrs. See 9115a(1)(e) for details.
6. These activities (residential property owner only)
 - a) Gardening (natural elevation not changed)
 - b) Post Holes (no additional grading allowed)
 - c) Tree, Shrub, and Stump Removal (<100 ft²)



Who Must Obtain a Part 91 Permit?

- In either permit program the Landowner (Or the easement holder) must obtain the permit. Authorized Public Agencies (APAs) are not required to obtain a Part 91 permit for work they perform.



How to Obtain an SESC Permit

- **Identify the County or Municipal Agency**
- Complete an application form
- Submit a complete and approvable SESC Plan.



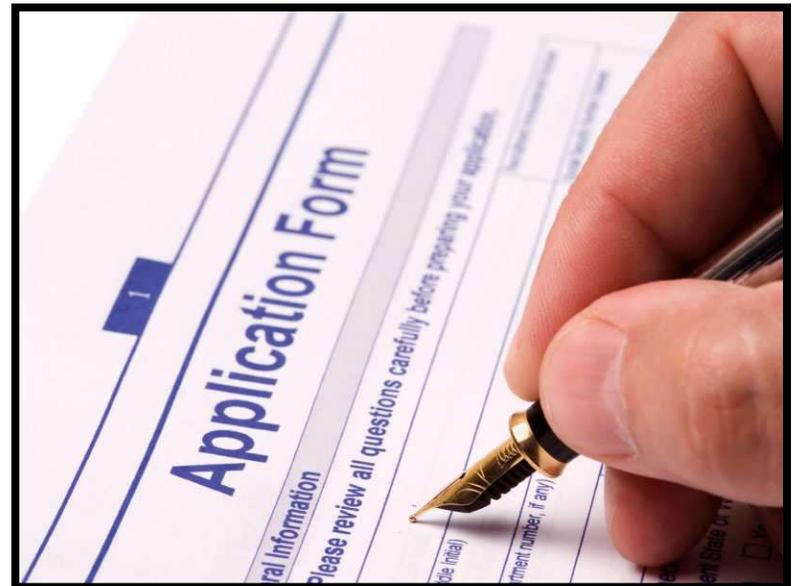
Identify the SESC Agency

- If the municipality in which you are constructing is a MEA you must obtain a permit from them
- If there is no MEA, you must get a permit from the CEA
- List of SESC Agencies can be found at:
www.michigan.gov/soilerosion
under SESC Info



How to Obtain an SESC Permit

- Identify the County or Municipal Agency
- **Complete an application form**
- Submit a complete and approvable SESC Plan.



Complete an Application Form

- Complete the Application
- SESC Plan
- Fee
- Bonds or other sureties
- The **Landowner's** signature (or the landowner's designated agent may sign if landowner has provided written designation as the agent and provides to CEA or MEA)





SAMPLE

**PERMIT APPLICATION
for Part 91
SOIL EROSION AND
SEDIMENTATION CONTROL**

OFFICE USE ONLY

Permit Number
Date Issued
Expiration Date
File Number

1. APPLICANT (Please check if applicant is the landowner or designated agent*)

Name	Landowner	Designated Agent	
Address			
City	State	Zip Code	Area Code/Telephone Number

2. LOCATION

Section	Town	Range	Township	City/Village	County
Subdivision	Lot No.	Tax ID Number	Street Address		

3. PROPOSED EARTH CHANGE

Describe Project	Project Type:	Residential Industrial	Multi-family Land Balancing	Commercial
	Size of Earth Change (acres or square feet)			
Name of and Distance to Nearest Lake, Stream, or Drain		Date Project to Start	Date Project to be Completed	

4. SOIL EROSION AND SEDIMENTATION CONTROL PLAN (Refer to Rule 323.1703)

Note: ___ complete sets of plans must be attached.	Estimated Cost of Erosion and Sediment Control
	Plan Preparer's Name and Telephone Number

5. PARTIES RESPONSIBLE FOR EARTH CHANGE

Name of Landowner (If not provided in Box No. 1 above)	Address			
City	State	Zip	Area Code/Telephone Number	
Name of Individual "On Site" Responsible for Earth Change		Company Name		
Address	City	State	Zip Code	Area Code/Telephone Number

6. PERFORMANCE DEPOSIT (If required by the permitting agency)

Amount Required \$ _____	Cash	Certified Check	Irrevocable Letter of Credit	Surety Bond
Name of Surety Company				
Address	City	State	Zip Code	Area Code/Telephone No.

I (we) affirm that the above information is accurate and that I (we) will conduct the above described earth change in accordance with Part 91, Soil Erosion and Sedimentation Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, applicable local ordinances, and the documents accompanying this application.

Landowner's Signature	Print Name	Date
Designated Agent's Signature*	Print Name	Date

* Designated agent must have a written statement from landowner authorizing him/her to secure a permit in the landowner's name.



How to Obtain an SESC Permit

- Identify the County or Municipal Agency
- Complete an application form
- **Submit a complete and approvable SESC Plan.**



Minimum SESC Plan Requirements

**Part 91, Soil Erosion and Sedimentation Control Plan
Minimum Requirements**

Project: _____

Rule 1703 Requirement	Included in Plan?	Comments
Map with scale: 1" = 200' or less, or indication of exact distances between noted features on site plan	Yes No <input type="checkbox"/> <input type="checkbox"/>	
Legal description of property (town, range, section, quarter-quarter section)	Yes No <input type="checkbox"/> <input type="checkbox"/>	
Proximity of any proposed earth change to lakes and/or streams	Yes No <input type="checkbox"/> <input type="checkbox"/>	
Predominant land features	Yes No <input type="checkbox"/> <input type="checkbox"/>	
Slope description or contour intervals	Yes No <input type="checkbox"/> <input type="checkbox"/>	
Soils survey or written description of the soil types of the proposed exposed land area	Yes No <input type="checkbox"/> <input type="checkbox"/>	
Description and location of the physical limits of each proposed earth change	Yes No <input type="checkbox"/> <input type="checkbox"/>	
Description and location of all existing and proposed on-site drainage and dewatering facilities	Yes No <input type="checkbox"/> <input type="checkbox"/>	
Timing and sequence of each proposed earth change	Yes No <input type="checkbox"/> <input type="checkbox"/>	
Location and description for installing and removing all temporary SESC measures	Yes No <input type="checkbox"/> <input type="checkbox"/>	
Description and location of all proposed permanent SESC measures	Yes No <input type="checkbox"/> <input type="checkbox"/>	
Maintenance program for all permanent SESC measures and designation of person responsible for maintenance	Yes No <input type="checkbox"/> <input type="checkbox"/>	

***If No is checked above, the plan must be revised to include the missing element prior to submittal/approval.**

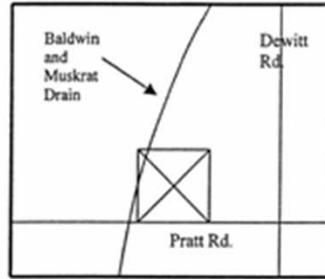
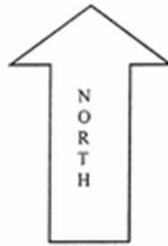
Other Comments:



Clinton Co. 6N, 2W Section 19

19

- *Silt Fence will be trenched 6". Sediment will be removed when covering 50% of silt fence. See attached detail.
- *Permanent SESC (Soil Erosion and Sedimentation Control) measures include: lawn and landscaping. Maintenance of permanent SESC measures is the landowner's responsibility.
- *Soil stock pile will be temporary stabilized with vegetation.
- *Construction and SESC measure schedule attached.
- *The soil for this area is a Sandy Loam.
- *The area of proposed earth change is a long grass field.
- *Additional slope information available on attached topographic map.
- *Scale 1"=60'
- *In spoils area, grass and top soil will be removed then laid on top of spoils when excavation and grading are finished.

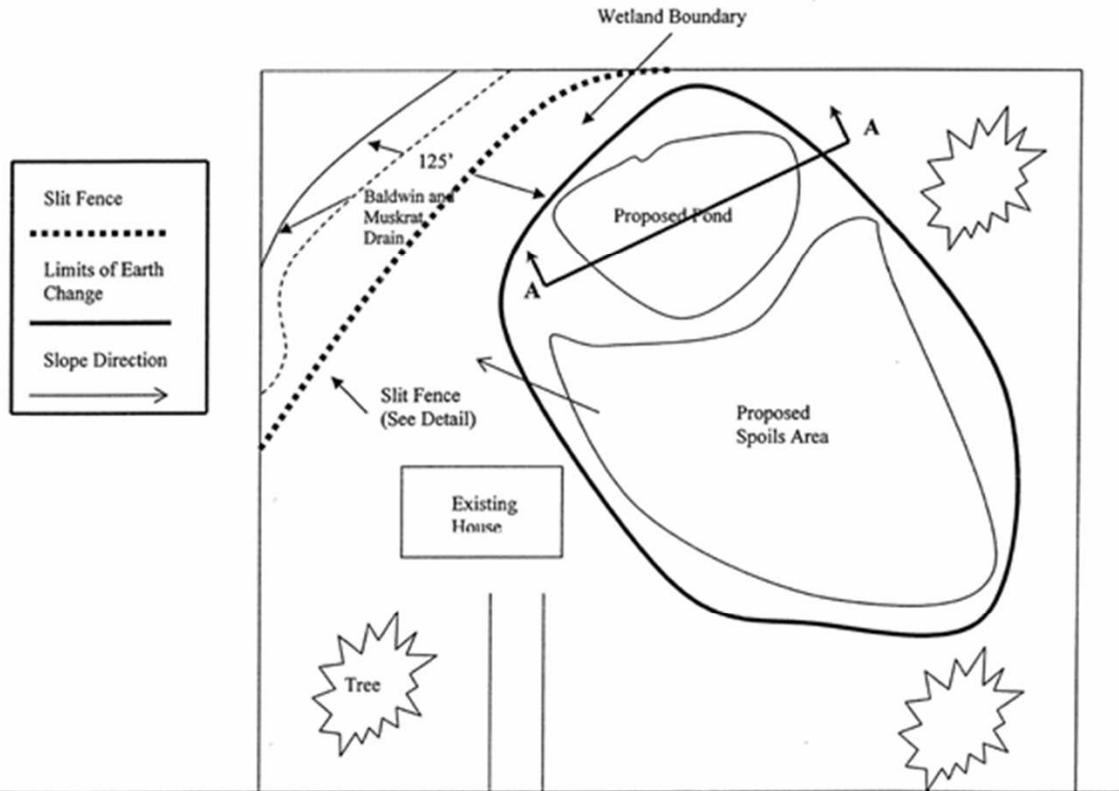


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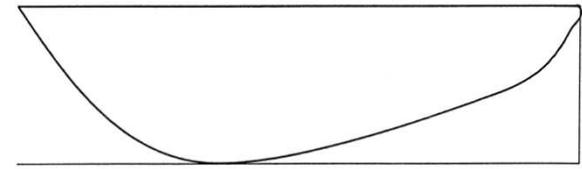
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Clinton Co. 6N, 2W Section 19

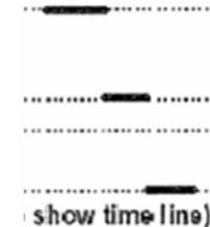
Section A-A



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Pratt Rd.

SOIL EROSION AND SEDIMENTATION CONTROL PERMIT

(Issued under the authority of Part 91, Soil Erosion and Sedimentation Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended)

Permit Number: _____

Permittee: _____
Address: _____

Permit No.: _____
Issued: _____
Expires: _____
Extended: _____

On-Site Responsible Person: Name: _____
Company: _____ Telephone Number: (____) _____

Permitted Activity:

Project Location: Town _____; Range _____; Section _____
City or Township: _____
Address: _____



Permit Conditions:

1. The permitted activity shall be completed in accordance with the approved plans and specifications, and the **attached** general and specific conditions.
2. This permit does not waive the necessity for obtaining all other required federal, state, or local permits.
3. Permittee shall notify the permitting agency within one week after completing the permitted activity or one week prior to the permit expiration date, whichever comes first.

Permitting Agent (____) Telephone Number

THIS PERMIT MUST BE POSTED AT THE PROJECT SITE.

GENERAL CONDITIONS

In accordance with Rule 1709 promulgated under the authority of Part 91, Soil Erosion and Sedimentation Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, and in addition to the information on the attached plan(s) and special conditions, the following general conditions apply to the earth change authorized by this permit:

- Design, construct, and complete the earth change in a manner that limits the exposed area of disturbed land for the shortest period of time.
- Remove sediment caused by accelerated soil erosion from runoff water before it leaves the site of the earth change.
- Temporary or permanent control measures shall be designed and installed to convey water around, through, or from the earth change at a non-erosive velocity.
- Install temporary soil erosion and sedimentation control measures before or upon commencement of the earth change activity and maintain the measures on a daily basis. Remove temporary soil erosion and sedimentation control measures after permanent soil erosion measures are in place and the area is stabilized. ("Stabilized" means the establishment of vegetation or the proper placement, grading, or covering of soil to ensure its resistance to soil erosion, sliding, or other earth movement.)
- Complete permanent soil erosion control measures for the earth change within five calendar days after final grading or upon completion of the final earth change. If it is not possible to permanently stabilize the earth change, then maintain temporary soil erosion and sedimentation control measures until permanent soil erosion control measures are in place and the area is stabilized.

SPECIFIC CONDITIONS



Summary of Part 91 (SESC)

- Permits Generally Required of any earth change >1 acre or any earth change within 500ft of a lake or stream
- Plans and Permits are intended to protect adjacent properties and lakes, streams and wetlands
- Permits are obtained and sites are inspected by County and Local Enforcing Agencies



Poll Question



CSW Program – Permit-by-Rule



- Construction activities are subject to Permit-by-Rule requirements if they: 1) disturb **one or more acres** and 2) the site **has, or will have, a point source discharge of stormwater to surface waters of the state** either directly or through a separate storm sewer.

Point Source Discharge to Surface Waters

- Lakes, rivers, and streams and all other watercourses and waters including the Great Lakes, may include wetlands and county drains.
- Discharged in a discernible, confined, and discrete conveyance.



How to Obtain CSW Coverage

- **Obtain a SESC Permit**
- If the site is between 1 and 5 acres in size, coverage is automatic and DEQ does not need to be notified
- If the site is over 5 acres in size DEQ must be notified. This is done through a Notice of Coverage application.
- Retain a certified stormwater operator



SOIL EROSION AND SEDIMENTATION CONTROL PERMIT

(Issued under the authority of Part 91, Soil Erosion and Sedimentation Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended)

Permit Number: _____

Permittee: _____
Address: _____

Permit No.: _____
Issued: _____
Expires: _____
Extended: _____

On-Site Responsible Person: Name: _____
Company: _____ Telephone Number: (____) _____

Permitted Activity:



Project Location: Town _____; Range _____; Section _____
City or Township: _____
Address: _____

Permit Conditions:

- 1. The permitted activity shall be completed in accordance with the approved plans and specifications, and the **attached** general and specific conditions.
- 2. This permit does not waive the necessity for obtaining all other required federal, state, or local permits.
- 3. Permittee shall notify the permitting agency within one week after completing the permitted activity or one week prior to the permit expiration date, whichever comes first.

Permitting Agent (____) Telephone Number

THIS PERMIT MUST BE POSTED AT THE PROJECT SITE.

GENERAL CONDITIONS

In accordance with Rule 1709 promulgated under the authority of Part 91, Soil Erosion and Sedimentation Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, and in addition to the information on the attached plan(s) and special conditions, the following general conditions apply to the earth change authorized by this permit:

- Design, construct, and complete the earth change in a manner that limits the exposed area of disturbed land for the shortest period of time.
- Remove sediment caused by accelerated soil erosion from runoff water before it leaves the site of the earth change.
- Temporary or permanent control measures shall be designed and installed to convey water around, through, or from the earth change at a non-erosive velocity.
- Install temporary soil erosion and sedimentation control measures before or upon commencement of the earth change activity and maintain the measures on a daily basis. Remove temporary soil erosion and sedimentation control measures after permanent soil erosion measures are in place and the area is stabilized. ("Stabilized" means the establishment of vegetation or the proper placement, grading, or covering of soil to ensure its resistance to soil erosion, sliding, or other earth movement.)
- Complete permanent soil erosion control measures for the earth change within five calendar days after final grading or upon completion of the final earth change. If it is not possible to permanently stabilize the earth change, then maintain temporary soil erosion and sedimentation control measures until permanent soil erosion control measures are in place and the area is stabilized.

SPECIFIC CONDITIONS



How to Obtain CSW Coverage

- Obtain a SESC Permit
- **If the site is between 1 and 5 acres in size, coverage is automatic and DEQ does not need to be notified**
- **If the site is over 5 acres in size DEQ must be notified. This is done through a Notice of Coverage application.**
- Retain a certified stormwater





MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER BUREAU

NOTICE OF COVERAGE

FOR NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITY

By Authority of R 323.2190 of Act 451, Public Acts of 1994, as amended
Failure to comply with the terms and provisions of R 323.2190 may result in fines up to \$25,000
per day and responsibility of imprisonment.

NPDES No.:
Receipt No.:
Permit ID:

Filing of this Notice of Coverage with the Michigan Department of Environmental Quality is required before initiation of construction activities that disturb 5 acres or more of land or is part of a larger common plan of development or sale that requires a national permit pursuant to the provisions of 40 C.F.R. Section 122.26(g). This constitutes notice that the construction permittee is authorized under R 323.2190 to discharge storm water associated with the construction activities. The construction permittee must be the land owner or the recorded easement holder of the property where the construction activity is located, or the Authorized Public Agency if the construction activity is carried out by an Authorized Public Agency.

INSTRUCTIONS AND FEE INFORMATION: Soil Erosion and Sedimentation Control (SESC) coverage is required from the appropriate Part 91 permitting entity (Act 451, Part 91) before submitting this Notice of Coverage. Submittal of a Notice of Coverage requires payment of a \$400 fee, made payable to the State of Michigan. The construction permittee will be deemed to have an NPDES permit for storm water discharges from a construction site when the Michigan Department of Environmental Quality receives the completed Notice of Coverage, a copy of the appropriate SESC coverage, a copy of the approved SESC Plan, a site map and the \$400 fee. These must be received before construction begins. This authorization expires when the SESC Permit expires, is revoked or terminated by the Part 91 permitting entity or when the authorized public agency determines that the project has been completed by the stabilization of earth change activity.

CONSTRUCTION PERMITTEE INFORMATION (Landowner, easement holder, or Authorized Public Agency)					
LANDOWNER/PERMITTEE			AGENT FOR LANDOWNER (OPTIONAL)		
CONTACT PERSON (FIRST AND LAST NAME)			CONTACT PERSON (FIRST AND LAST NAME)		
EMAIL ADDRESS (OPTIONAL FOR FASTER SERVICE)			EMAIL ADDRESS		
MAILING ADDRESS			MAILING ADDRESS		
STREET			STREET		
CITY	STATE	ZIP	CITY	STATE	ZIP
PROJECT INFORMATION					
PROJECT NAME			COUNTY	TOWNSHIP	
STREET			%	%	SECTION
CITY	STATE	ZIP	TOWN (T)	RANGE (R)	
OR OTHER DESCRIPTION			For Cashier's Use Only: 31991-465 12-965 1-48160 1-01		

SITE DESCRIPTION			
TOTAL ACRES OF SITE	ACRES OF DISTURBANCE	RECEIVING WATERS	
CERTIFIED OPERATOR			
NAME		CERTIFICATION NUMBER	
PART 91 SESC PERMITTING ENTITY INFORMATION			
NAME OF PART 91 SESC PERMITTING ENTITY OR AGENCY			
EMAIL ADDRESS (OPTIONAL FOR FASTER SERVICE)		PHONE NUMBER	
ADDRESS		SESC PERMIT NUMBER OR AFA STATUS	
CITY	STATE	ZIP	DATE OF ISSUE

CERTIFICATION - Michigan regulations require this form be signed as follows:
 Corporation: a principal executive officer or at least the level of vice president, or his designated representative, if the representative is responsible for the overall operation of the facility from which the discharge described in this form originates.
 Partnership: a general partner.
 Sole Proprietorship: the proprietor.
 Municipal, state, or other public facility: either a principal executive officer, the mayor, village president, city or village manager, or other duly authorized employee.

I certify that all provisions of R 323.2190 pursuant to Act 451, Part 31, of 1994, as amended, have been complied with and that all information submitted under the Rule and contained in this Notice of Coverage is, to the best of my knowledge and belief, true, accurate and complete. I acknowledge that any discharge that is made pursuant to Rule 323.2190 shall be in compliance with Act 451, Part 31, and the rules promulgated thereunder. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment. I certify under penalty of law that I possess full authority on behalf of the legal landowner/permittee to sign and submit this Notice of Coverage.

SIGNATURE (original signature required)	DATE	TELEPHONE
X		
PRINTED NAME	TITLE	

MAKE CHECK OR MONEY ORDER FOR \$400 PAYABLE TO: STATE OF MICHIGAN

MAIL COMPLETED APPLICATION, WITH LOCATION MAP, SESC PERMIT & PLAN, AND FEE OF \$400, TO:
 MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
 CASHIERS OFFICE - WB-SW1
 P O BOX 30857
 LANSING, MI 48909-8157

ADDRESS FOR OVERNIGHT MAILING:

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
 CASHIERS OFFICE - WB-SW1
 525 WEST ALLEGAN DRIVE SUITE 100
 LANSING, MI 48913

IF YOU HAVE ANY QUESTIONS ABOUT THE PREPARATION OF THIS FORM, CALL 517-335-4137.



How to Obtain CSW Coverage

- Obtain a SESC Permit
- If the site is between 1 and 5 acres in size, coverage is automatic and DEQ does not need to be notified
- If the site is over 5 acres in size DEQ must be notified. This is done through a Notice of Coverage application.
- **Retain a certified stormwater operator**



Certified Construction Storm Water Operator

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY

This is to certify that

Joe Dirt

is qualified under the rules governing certification to operate any facility listed under the classification

STORM WATER MANAGEMENT – CONSTRUCTION SITE

A-1j

CERTIFICATE NO. C-7291979

EXPIRES JULY 1, 2022

Issued by the Director of the Department of Environmental Quality
Under Authority of Act 451 P.A. 1994, Part 31 as amended

EQC 3450-1 (Rev 3/25/2011)

Training is offered monthly,
throughout the state.

www.michigan.gov/soilerosion

Operator Requirements

- Certified Operators are required to inspect sites once per week and within 24 hours of rain or snowmelt events resulting in a discharge
- Logs of these inspections must be maintained by the landowner for 3 years and provided to the DEQ upon request
- Inspections must be conducted until site is stabilized



When Is a Site Considered Stabilized?



Notice of Termination

 MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY WATER RESOURCES DIVISION NOTICE OF TERMINATION FOR NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) Storm Water Discharges from Construction Activities <small>By Authority of R 323.2190, Act 451, Part 91, IACR 300.1000</small>		
PERMIT INFORMATION		NPDES PERMIT NUMBER: _____
REASON FOR TERMINATION: (check all that apply) list month, day and year for all dates <input type="checkbox"/> The Soil Erosion and Sediment Control (Act 451, Part 91) permit will expire on: _____ <input type="checkbox"/> The Soil Erosion and Sediment Control (Act 451, Part 91) permit was revoked/terminated on: _____ <input type="checkbox"/> The project was completed by stabilization of the earth change activities on: _____ <input type="checkbox"/> Other: Explain: _____		
CONSTRUCTION PERMITTEE INFORMATION		
NAME _____		
MAILING ADDRESS _____		
STREET _____		
CITY _____	STATE _____	ZIP CODE _____
CONSTRUCTION SITE INFORMATION		
PROJECT NAME _____		
MAILING ADDRESS _____		
STREET _____		
CITY _____	STATE _____	ZIP CODE _____
DESCRIPTION _____		
CERTIFICATION		
<p>Michigan regulations require this form be signed as follows: Corporation: a principal executive officer of at least the level of vice president, or his designated representative, if the representative is responsible for the overall operation of the facility from which the discharge described in this form originates. Partnership: a general partner. Sole Proprietorship: the proprietor. Municipal, State, or other public facility: either a principal executive officer, the mayor, village president, city or village manager, or other duly authorized employee.</p> <p>I certify that all information submitted in this Notice of Termination is, to the best of my knowledge and belief, true, accurate, and complete, and that all storm water discharges associated with construction activities from the site identified above that were authorized by R 323.2190 have been eliminated because of the reason(s) indicated above. I understand, by submitting this Notice of Termination, I am no longer authorized to discharge storm water associated with construction activities at this site and that discharging pollutants in storm water associated with construction activities without authorization is unlawful. I also understand that submittal of this Notice of Termination does not release the permittee from liability for any prior violations of R 323.2190.</p>		
SIGNATURE (ORIGINAL SIGNATURE REQUIRED) _____		DATE _____
PRINTED NAME _____		TELEPHONE _____
		TITLE _____

PLEASE MAIL OR EMAIL THE COMPLETED FORM TO THE APPROPRIATE DISTRICT OFFICE USING THE FOLLOWING LINK:
http://www.michigan.gov/deq/0,1607,7-135-3308_28510---00.html AND CLICK ON WRD DISTRICT OFFICES OR CONTACT YOUR LOCAL COMPLIANCE PERSON AT: http://www.michigan.gov/documents/deq/wrd-sesc-const-sw-staff_344830_7.pdf



Summary of Construction Storm Water

- Only required if earth change is equal to or greater than 1 acre with a discharge to waters of the state
- 1-5 acres automatically covered under Permit by Rule if an APA or if you have a SESC permit
- >5 acres must apply for Notice of Coverage
- Must have a Certified Operator



How do I comply with these permits?



SESC Permit

- Maintain permit coverage until earth change is stabilized
- Follow the SESC plan, revise with Part 91 agency if necessary
- Remove sediments from runoff water before it leaves the site
- Install temporary control measures prior to earth change
- Maintain all permanent and temporary control measures
- Remove temporary measures once permanent measures are installed and area is stabilized
- Complete permanent measures within 5 days of final grading or final earth change is completed



Permit-by-Rule

- Stay in compliance with SESC permit
- Maintain uninterrupted SESC permit coverage until site is stabilized
- Have a Certified Stormwater Operator inspect the site once weekly and within 24 hours of every rain event and document inspections
- Maintain copies of logs for 3 years
- If over 5 acres in size, submit Notice of Termination once site is stabilized



Typical Compliance Problems

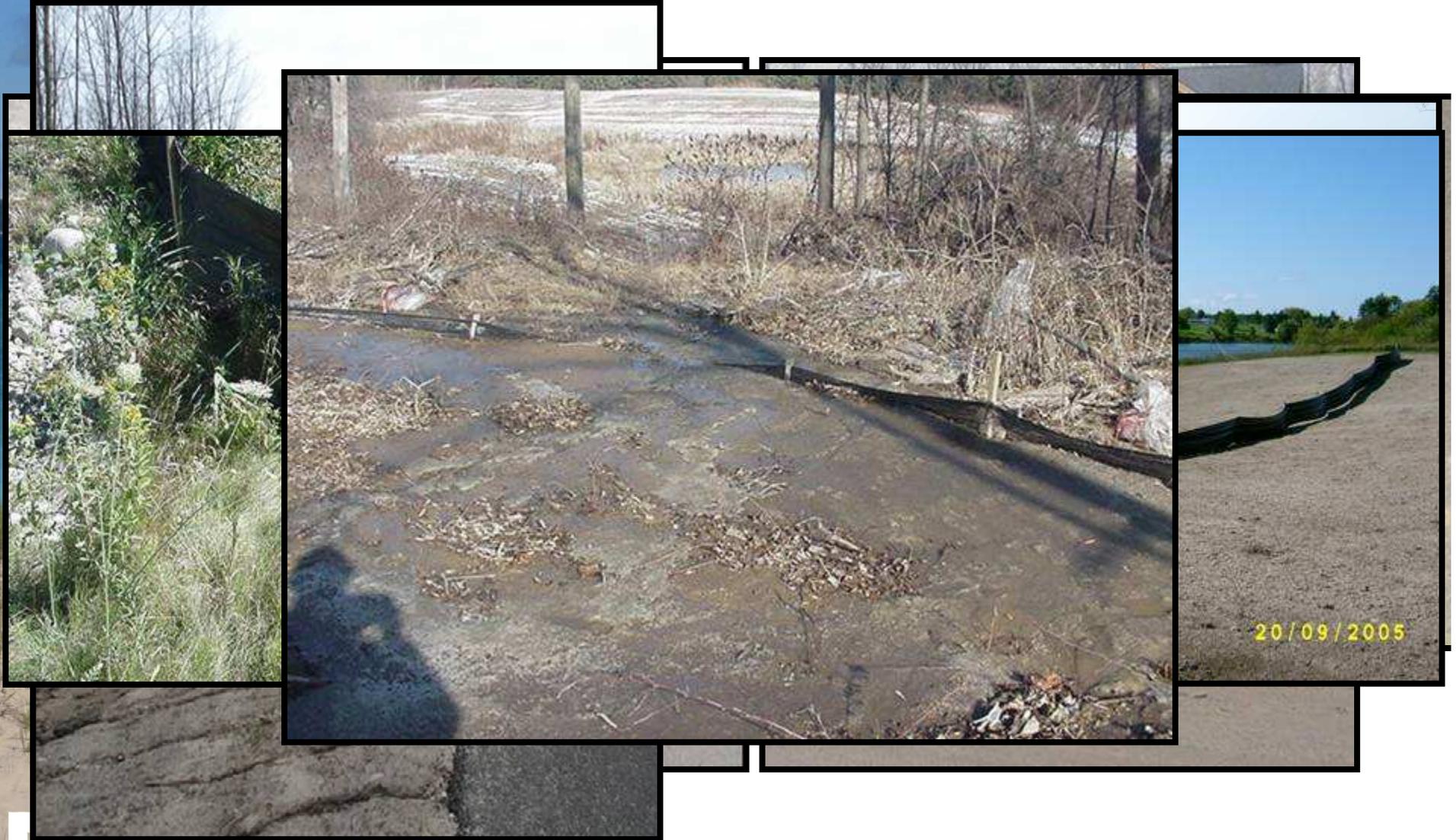


Paperwork





Site Performance



Unauthorized Discharges



Other Pollutants



Why Do We Care?



Summary of Common Compliance Issues

- Make sure you have a good SESC plan
- Follow your SESC Plan
- Maintain your SESC measures
- Monitor the site and troubleshoot as needed
- Keep on top of your paperwork

Wrap Up

- All Earth Changes must comply with Part 91, except plowing and tilling
- Part 91 requires permits for sites within 500 feet of a lake or stream, or on sites ≥ 1 Acre
- Permit by Rule applies to all sites ≥ 1 Acre with a discharge to waters of the state



Wrap Up

- Sites \geq 5 acres must apply for Notice of Coverage
- Permit by Rule sites require a Construction Storm Water Operator
- Counties, Municipalities or Authorized Public Agencies implement Part 91
- DEQ oversees Part 91 and administers Permit -by-Rule

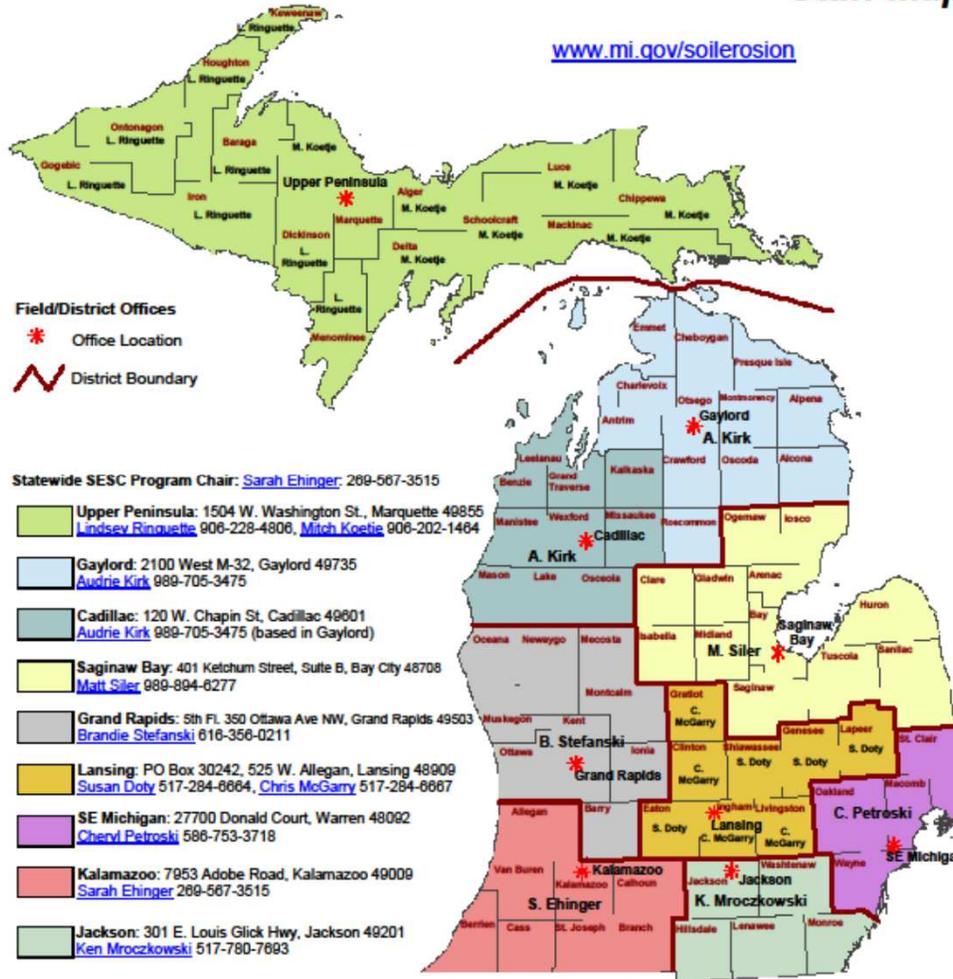
Wrap Up

- Follow your Soil Erosion Plan
- Maintain you SESC measures
- Monitor the site and troubleshoot problems
- Keep on top of the paperwork
- Call us if you have questions

Questions?

Soil Erosion/Sedimentation Control (SESC) & Construction Storm Water Staff Map

www.mi.gov/soilerosion



Webinar Follow Up

- **Recording**
- **Handout**
- **Evaluation**
- **Certificate**

Upcoming Events

- Introduction to Hazardous Waste Webinar Series – January
- MI Green Infrastructure Conference
– May 8-9
- MI Environmental Compliance Conference
– May 29, June 5, June 10

www.michigan.gov/deqworkshops