



Coordination Redlining N.O.T.

When and how to coordinate with your regulating entity, update your plan in the field, and officially close out your permit

– Donovan Wilczynski, CESSWI, Environmental Compliance Specialist, KERAMIDA Inc.

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01

Introduction

Donovan Wilczynski, CESSWI
Environmental Compliance Specialist
KERAMIDA Inc.

Donovan Wilczynski



Six years as the first erosion control specialist hired at INDOT

Performed or provided oversight on hundreds of NPDES required construction site inspections in 30+ counties in northern Indiana over the last seven years

KERAMIDA

>17,000 in 2022

KERAMIDA performed over seventeen thousand inspections in 2022, **>80%** of those under NPDES permits from dozens of regulating entities.



02

Coordination

Coordinating with your regulating entity



Why do I need to coordinate with an MS4?

Projects that occur in an MS4's area and are regulated by the MS4 entity must **also** comply with all appropriate MS4 ordinances and regulations related to stormwater discharges.

Understanding the Basics



What MS4 covers my project?



How do I contact my MS4?



When should I contact my MS4?

What MS4 covers my project?

- ✔ Check your permit (NOI)
 - Copy of permit is on the IDEM VFC
- ✔ Check the IDEM MS4 Entities list
- ✔ Check the IDEM MS4 Map

Notice Of Sufficiency (NOS)



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

100 N. Senate Avenue • Indianapolis, IN 46204

Construction Stormwater Permit Summary Report – Sufficiency Letter

February 23, 2023

Permit #: **INRA11173**

CCC PUD Phase B Lots 20-28

Porter County

SITE DETAILS:

Project Name: **LEL CCC PUD 1st Addition, Phase B, Lots 20-28**

Physical Address: Blackwell Ln & Village Pt Chesterton, IN 46304


Permit Status: **In Effect**

Permit Issued: **2/1/2023**

Latitude: 41.57809936413081

Permit Expiration: **1/31/2028**

Longitude: -87.04404803299494

MS4: Town of Chesterton 

Location Description: Southwest of Bradt Lane and Village Point

Vacant land between Village Point and State Road 49 North of Existing Culvers Restaurant Chesterton IN 46304



Notice Of Sufficiency (NOS)

Discharge Type: **Storm System**

Storm System:

Receiving Stream: **East Arm Little Calumet River**


Waterbody 2: **Little Calumet River**

This notice is acceptable to be posted at the project site to verify NPDES permit coverage. If the project is regulated by a Municipal Separate Storm Sewer System (MS4), you are required to post additional information as required by the MS4 that has jurisdiction (i.e. MS4 Permit, etc). NPDES permit coverage does not supersede local requirements that may be required to conduct activities associated with this project.

If the project is regulated by an MS4, direct inquiries to the local MS4.

If this project is outside an MS4 or owned/operated by an MS4, inquiries may be directed to the IDEM Stormwater Program at Stormwat@idem.IN.gov.

IDEM Virtual File Cabinet has copies of CSGP Permit NOI & NOS

 stormwater.idem.in.gov/nsite/map/results/detail/-384813054073072650/documents

Sentry Electric 7911
4521 US Hwy 52 W
West Lafayette IN 47906

PROFILE MAP ENVIRONMENTAL INTERESTS DOCUMENTS SHOW LESS INFORMATION

DOWNLOAD 0 DOCUMENTS Select All 7 Documents Clear Selections

<input type="checkbox"/>	Date	File	Type	Description
<input type="checkbox"/>	11/18/2022	Construction Stormwater - Notice of Termination Request - Sufficient - Completion of Construction Activities.pdf	Water - Construction Stormwater: Water - Construction Stormwater Program Permit Documents	Permit: INRA07485 v1.0.
<input type="checkbox"/>	04/19/2022	HPH-2504-8BHCF V1.pdf	Misc. Application and Request Docs	Permit / Compliance Schedule: HPH-2504-8BHCF. Submission PDF
<input type="checkbox"/>	05/12/2021	Construction Stormwater - Notice of Sufficiency INRA07485.pdf	Water - Construction Stormwater: Water - Construction Stormwater Program Permit Documents	Permit: INRA07485 v1.0.
<input type="checkbox"/>	05/05/2021	HP8-E7JH-AJA3Z V1.pdf	Misc. Application and Request Docs	Application/Request: HP8-E7JH-AJA3Z. Submission PDF
<input type="checkbox"/>	05/05/2021	7911.01_Sentry Electric SWPPP Sufficiency Letter 5-5-21.pdf	Applicant Attachments	Application/Request: HP8-E7JH-AJA3Z. Plan Review Verification/Acceptance

5 rows Page: 1 of 2 1 - 5 of 7

<https://stormwater.idem.in.gov/nsite/map/>

IDEM MS4 Entities list



Phase II MS4 Entities

MS4s with a Certified Construction Program are listed in the table below.

Construction plans are required to be submitted to the MS4. Plans should be submitted according to protocol established by the MS4 or the MS4 ordinance. Contact information for the MS4 can be obtained at [Designated MS4 Entities Currently Permitted](#).

MS4s that are highlighted have not submitted a Construction Certification.

Plans are to be submitted to the (SWCD/IDEM) according to protocol for established for compliance with 327 IAC 15-5 (Rule 5).

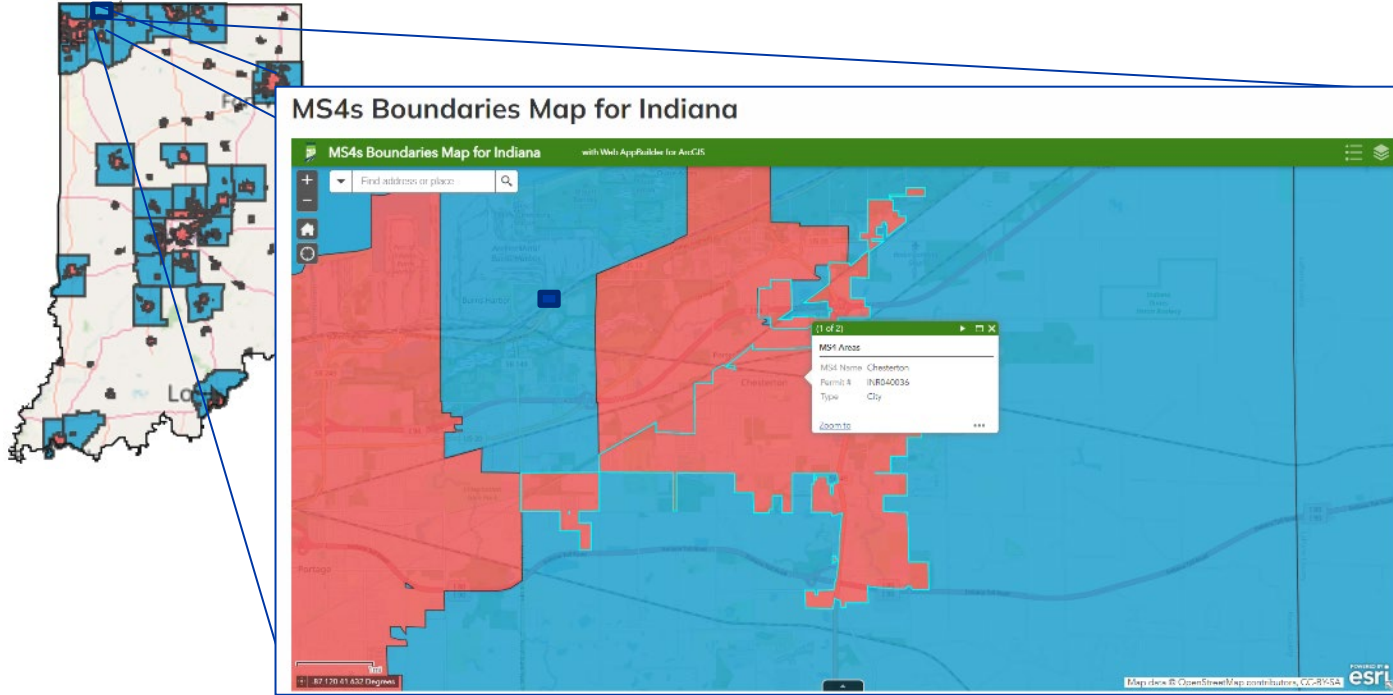
Note: Construction projects that are located on the property or are associated with colleges, universities, and the state and federal pris considered to be owned and operated by the MS4. Therefore, plans must be submitted to the (SWCD/IDEM) according to protocol for im IAC 15-5 (Rule 5).

County	MS4 Entity
Adams	Decatur, City of
Allen	Fort Wayne, City of; IU/PU-Fort Wayne, Ivy Tech State College-Northeast, Indiana Institute of Technology, Univer
Allen	New Haven, City of
Allen	Allen County; Huntertown, Town of; Leo-Cedarville, Town of
Bartholomew	Bartholomew County
Bartholomew	Columbus, City of
Boone	Zionsville, Town of
Boone	Lebanon, City of
Cass	Logansport, City of
Clark	Oak Park Conservancy District
Clark	Clarksville, Town of
Clark	Sellersburg, Town of

<https://www.in.gov/idem/stormwater/municipal-separate-storm-sewer-systems-ms4/ms4s-administering-a-construction-program/>

IDEM MS4 Boundary Map

<https://www.in.gov/idem/cleanwater/ms4s-boundaries-map-for-indiana/>



How do I contact my MS4?

E-mail, call, use their forms



IDEM
designated MS4
Entities List
Excel File IDEM
updates



Google it
"City MS4 State"



Ask IDEM
IDEM MS4 and
Stormwater
Inspectors

IDEM designated MS4 Entities List

Indiana Designated MS4 Entities Currently Permitted				
County	MS4 Entity	Permit Number	Phone	Status
Morgan	Brooklyn, Town of	INR0400101	(317) 831-3343	Active
Morgan	Martinsville, City of	INR040068	(317) 831-7918	Active
Morgan	Morgan County	INR040099	(765) 342-1064	Active
Noble	Kendallville, City of	INR040012	(260) 347-1362	Active
Porter	Chesterton, Town of	INR040036	(219) 926-1032	Active
Porter	Twin Creeks Conservancy District	INR040079	Not Available	Active
Porter	Portage, City of	INR040090	(219) 762-1815	Active
Porter	Valparaiso Lakes Conservancy District	INR040103	(219) 464-3770	Active

Check IDEM's excel contact file

https://www.in.gov/idem/stormwater/files/rule_13_ms4_permitted.xls

<https://www.in.gov/idem/stormwater/municipal-separate-storm-sewer-systems-ms4/designated-ms4-entities-currently-permitted/>

Google!



ms4 chesterton indiana



Images

Shopping

News

Maps

Videos

Books

Flights

Finance

About 49,600 results (0,38 seconds)

<https://www.chestertonin.org> · Storm-Water-Quality

Storm Water Quality | Chesterton, IN - Official Website

MS4 is an unfunded, federally mandated program that requires municipalities to take measures to reduce pollutants in stormwater runoff to improve water ...

chestertonin.org/153/Storm-Water-Quality

Account - Manage notification subscriptions, save form progress and more.

Community Visitors Business Services I Want To... f t Search...

Storm Water Quality

Municipal Separate Storm Sewer System

A Municipal Separate Storm Sewer System (MS4) community owns or operates a system for collecting and conveying storm water. It does not include combined sewer overflows and publicly owned treatment works.

Regulated conveyance systems include:

- Roads with Drains
- Municipal Streets
- Catch Basins
- Curbs
- Piping
- Channels
- Ditches
- Tunnels
- Conduits

Contact Us

Mark O'Dell
MS4 Superintendent
[Email](#)

1490 Broadway
Suite 3
Chesterton, IN 46304

Ph: 219-728-1336

IDEM MS4 and Stormwater Staff

https://www.in.gov/idem/stormwater/files/stormwater_inspectors_map.pdf

Ask IDEM →

Direct Stormwater permitting questions and inquiries to the Central Office:
Toll Free: 800-451-6027, Ext. 2-8670

Construction/Industrial Stormwater
Eric Roberts, Stormwater Permit Coordinator
(317) 233-1864
eroberts@idem.in.gov

**Stormwater Specialists
Regional Assignments**

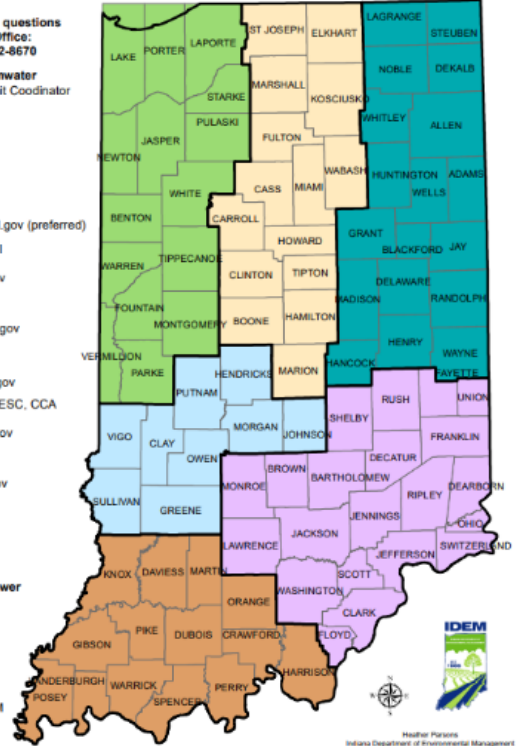
- Vacant
(317) 233-8488
stormwat@idem.in.gov (preferred)
- Rob Beck, CESSWI
(317) 690-8805
rbeck@idem.in.gov
- Jayna Kozlowski
(317) 727-8784
jkozlows@idem.in.gov
- Kaitlin Moore
(317) 264-9409
kmoore@idem.in.gov
- Ronnie Boehm, CPESC, CCA
(317) 690-8521
rboehm@idem.in.gov
- Martin Yako
(812) 525-3968
myako@idem.in.gov

Municipal Separate Storm Sewer System (MS4)

Staci Goodwin
O: (317) 234-1601
C: (317) 502-0120
sgoodwin@idem.in.gov

Section Chief
Randy Braun, CPESC, CPMSM
(317) 234-3980
rbraun@idem.in.gov

To File a Stormwater Complaint or Report a Violation: 800-451-6027, Ext. 2-4464
<http://www.in.gov/idem/5274.htm>



Non-Orthorectography Data
Obtained from the State of Indiana Geographical Information Office (GIO) Library
Map Projection: UTM Zone 16 N
Map Datum: NAD83



When should I contact my MS4?



Early & Often

Before things go bad... or from bad to worse

Before you get started



Brother-in-law



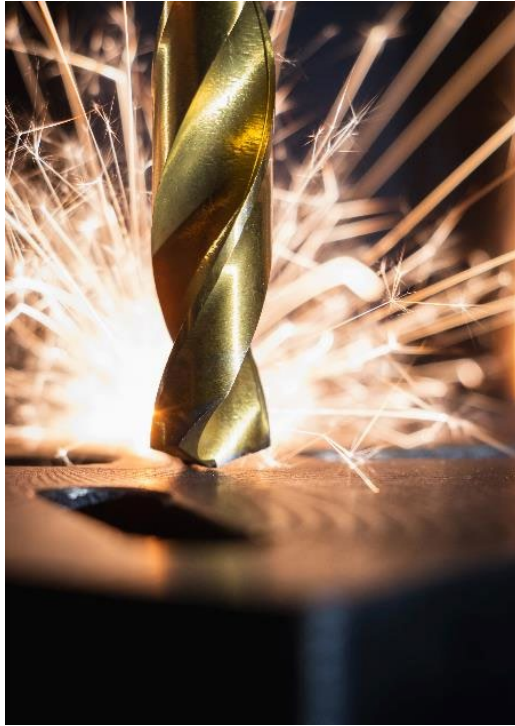
Your hammer drill

Before you get started



Don't proceed in the face of uncertainty

Your hammer drill being used to drill in reverse



A crew installing filter sock without knowing how

Don't proceed in the face of uncertainty

Fire



Sediment discharge into waterway



Don't proceed in the face of uncertainty



No Permitted Disturbance
No ROW agreement

Permitted Construction Limits/Limits of Disturbance

Fines
Litigation

You're already documenting deficiencies

Might as well ask for some guidance if you're unsure.

- (E) Documentation of an actual discharge that is visible during the assessment, the location of the discharge and a visual description of the discharge. The visual description includes, but is not limited to, color (turbidity reading is an option), odor, floatables, settled/suspended solids, foam, oil sheen, and any other visible sign that may be attributed to operations occurring on the project site.
- (F) Detail of corrective action recommended and/or completed. Corrective action includes, but is not limited to:
 - 1) Repairing, modifying, or replacing any stormwater management measure.
 - 2) Clean-up and proper disposal of spills, releases, or other deposits.
 - 3) Remedying a permit violation.
 - 4) Taking reasonable steps to remediate, minimize or prevent the discharge of pollutants associated with the construction activity until a permanent corrective solution is initiated.
 - 5) Restoring an impacted area and/or removing accumulated sediment, provided appropriate permission and permits are obtained to conduct the activity.
- (G) A timeline for which the corrective action will occur to remediate the discharge of pollutants. The established corrective action, at a minimum, must be initiated:
 - 1) On the day the deficiency was discovered or when it is not practical to initiate on the discovery date, no later than forty- eight (48) hours for the repair of a measure or installation of a temporary measure until a new and/or replacement measure is installed as specified in item 2) below.
 - 2) Within seven (7) days of discovery for the installation of a new (alternative) measure or replacement of an existing measure, unless a shorter timeframe is required as part of a regulatory inspection. The inspecting authority may also allow additional time to take corrective action.



**An MS4 would rather
hear from *you* asking
how to fix something...**

**rather than from their
mayor who received a
complaint from a citizen.**



03

Redlining

Updating your plan in the field

SWPPP Modifications

- ✓ When are modifications to the SWPPP required?
 - when to update
- ✓ What needs to be included in a SWPPP modification?
 - how to update
- ✓ When do I need to submit my modifications?
 - where to keep, when to share

You may need other permits!

SWPPP Modification

when to update

Any time there is change and your plans do not accurately reflect what is in the real world:

- BMPs (silt fence or filter socks are moved, removed, or added)
- Addition or change to off-site borrow and disposal areas
- Other activities: dewatering, water treatment, dust control changes, saw cutting slurry containment

SWPPP Modification

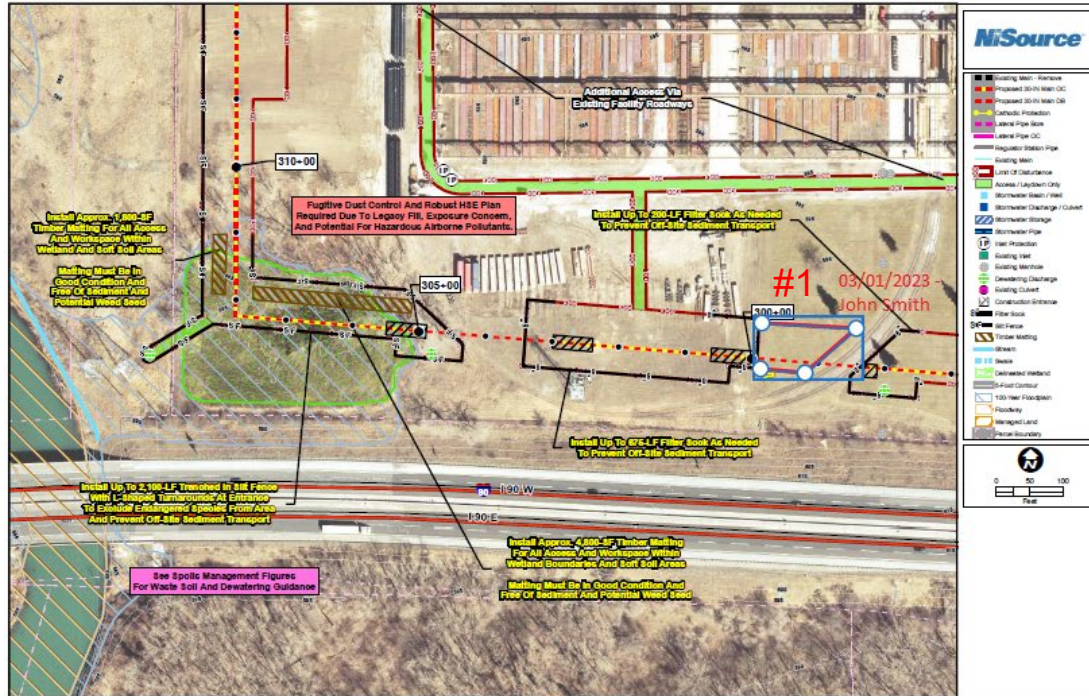
how to update

Method not specified by permit, I suggest a clear and consistent redline method

Must include:

- Dates of all SWPPP modifications
- Name of the person authorizing each change
- Summary of all changes

Redline Example



3 comments



PAGE 2



PAGE 31



2:21 PM

299+00 - 300+00
Additional LOD space requested due to unknown storm pipe encountered.
~6200 sqft additional LOD

Add a reply...

PAGE 37



Drawn on plan, includes Date, Name, Summary Log #

Redline Example

PLAN MODIFICATION LOG

#: 1	Date: 03/01/2023	Location: 299+00
-------------	-------------------------	-------------------------

Description: At 300+00 an unknown storm drain was encountered 10' from the end of pipe location for that joint. The crew needs additional LOD space to the East toward 299+00 to allow for the installation of a sag bend in the line to connect with the pipe and drop the pipe to a grade below the unknown storm pipe. Construction at the site is not feasible without the additional space to the East. Requested by George Jacob Superintendent NRC.

Print name: John Smith	Signature: John Smith
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SWPPP Modification

where to keep, when to share

Available at project site office or in possession of on-site project management:

- SWPPP (accurately reflects real world)
- Self Monitoring Program (inspection records)
- Project Management Log

When requested the above information must be provided to IDEM within 48 hours.

Project Management Log

minimum on-site documentation requirements

- Record of public notification (Proof of publication)
- Self Monitoring Program reports (Inspections)
- Regulatory inspections
- Responses to a compliance action or enforcement action
- Locations and information for; Off-site borrow sites, disposal areas, staging areas
- SWPPP modifications (Name, Date, Summary of all changes)
- Permit posted; Copy of NOI, copy of posted notice if used, NPDES permit numbers (in NOS), location of the construction plan/SWPPP if no on-site location to store it



You may need other permits!

- 401
- 404
- Air Quality/Emissions
- Asbestos
- Construction In a Floodway
- FAA
- Right-Of-Way
- Solid Waste Disposal
- Etc.



04 N.O.T.

Officially closing out your permit

Notice Of Termination

Matt Lake of Merrillville

&

Bill Emerson of Lake County

Matt Lake and Bill Emerson will be covering this topic in their presentation starting at 12:30pm.

Thanks

Do you have any questions?

Donovan Wilczynski
dwilczynski@keramida.com
(219) 299-5038

info@keramida.com
(800) 508-8034
www.keramida.com

