



IOWA DEPARTMENT OF NATURAL RESOURCES

**Leading Iowans in Caring For Our Natural Resources**

# Stormwater Permitting

David Schelling – Program Coordinator

## Contact Info

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# Stormwater and Industries

- What industries have to have stormwater permit coverage?
  - Based on a definition...
  - [40 CFR 122.26\(b\)\(14\)](#)
  - Many activities in 11 Industrial Categories
- Information needed
  - Standard Industrial Classification (SIC)
  - Knowledge of site

(14) *Storm water discharge associated with industrial activity* means the discharge from any conveyance that is used for collecting and conveying storm water and that is directly related to manufacturing, processing or raw materials storage areas at an industrial plant. The term does not include discharges from facilities or activities excluded from the NPDES program under this part 122. For the categories of industries identified in this section, the term includes, but is not limited to, storm water discharges from industrial plant yards; immediate access roads and rail lines used or traveled by carriers of raw materials, manufactured products, waste material, or by-products used or created by the facility; material handling sites; refuse sites; sites used for the application or disposal of process waste waters (as defined at part 401 of this chapter); sites used for the storage and maintenance of material handling equipment; sites used for residual treatment, storage, or disposal; shipping and receiving areas; manufacturing buildings; storage areas (including tank farms) for raw materials, and intermediate and final products; and areas where industrial activity has taken place in the past and significant materials remain and are exposed to storm water. For the purposes of this paragraph, material handling activities include storage, loading and unloading, transportation, or conveyance of any raw material, intermediate product, final product, by-product or waste product. The term excludes areas located on plant lands separate from the plant's industrial activities, such as office buildings and accompanying parking lots as long as the drainage from the excluded areas is not mixed with storm water drained from the above described areas. Industrial facilities (including industrial facilities that are federally, State, or municipally owned or operated that meet the description of the facilities listed in paragraphs (b)(14)(i) through (xi) of this section) include those facilities designated under the provisions of paragraph (a)(1)(v) of this section. The following categories of facilities are considered to be engaging in "industrial activity" for purposes of paragraph (b)(14):

- (i) Facilities subject to storm water effluent limitations guidelines, new source performance standards, or toxic pollutant effluent standards under 40 CFR subchapter N (except facilities with toxic pollutant effluent standards which are exempted under category (xi) in paragraph (b)(14) of this section);
- (ii) Facilities classified within Standard Industrial Classification 24, Industry Group 241 that are rock crushing, gravel washing, log sorting, or log storage facilities operated in connection with silvicultural activities defined in 40 CFR 122.27(b)(2)-(3) and Industry Groups 242 through 249; 26 (except 265 and 267), 28 (except 283), 29, 311, 32 (except 323), 33, 3441, 373; (not included are all other types of silviculture facilities);
- (iii) Facilities classified as Standard Industrial Classifications 10 through 14 (mineral industry) including active or inactive mining operations (except for areas of coal mining operations no longer meeting the definition of a reclamation area under 40 CFR 434.11(1) because the performance bond issued to the facility by the appropriate SMCRA authority has been released, or except for areas of non-coal mining operations which have been released from applicable State or Federal reclamation requirements after December 17, 1990) and oil and gas exploration, production, processing, or treatment operations, or transmission facilities that discharge storm water contaminated by

# Stormwater and Industries cont.

- And if my facility falls in one of these categories?
  - Obtain permit coverage
    - General Permit
      - Apply by submitting Notice of Intent (NOI)
    - Individual Permit
      - Application Forms 1,2F,5
    - Similar requirements
    - Vastly different timeframes
      - Individual permits for discharges to OIW's or facilities not in CFR definition
  - Other Path? Conditional No Exposure Certification



# Stormwater and Industries cont.

- What do industrial stormwater permit's require?
  - SWPPP – Stormwater Pollution Prevention Plan
    - Describes your potential pollutant sources
    - Controls to address pollutant sources
      - Things like...
        - Good Housekeeping
        - Spill prevention/response
        - Preventative Maintenance
        - Sediment/erosion prevention
        - Employee training
    - Specifies responsible individuals

# Stormwater and Industries cont.

- SWPPP Info cont.
  - Visual Inspections - <1 per year
    - And what do you do with the results
  - Monitoring and Reporting
    - Certain categories are required to sample stormwater
    - Based on industry type
    - Results can tell you if additional controls are necessary
  - Looking for benchmarks to compare to?
    - EPA Multi-Sector General Permit – [2021 MSGP](#)

# Stormwater and Industries cont.

- Conditional No Exposure Certification – What is it?
  - If your facility is in one of the listed categories, and
  - Materials/waste are not exposed to stormwater
    - Covered dumpsters
    - Material handling indoors/under roof
- Is this an option for my facility?

# Stormwater and Industries cont.

- Conditional No Exposure Certification – Further Info.
  - Definition and Qualification Information
    - [40 CFR 122.26\(g\)](#)
  - Other resources to help answer your questions...
    - [EPA Conditional No Exposure Certification Fact Sheet](#)
    - [EPA Guidance Manual with FAQ Section](#)
    - [Iowa Conditional No Exposure Certification Form](#)



# Online Permitting System

- Updates that are live
  - New Renewal Process
- Nearing Completion
  - Updates to New Application Process
- Further out...
  - Electronic submission of Notice of Discontinuations



Review - CASEY'S GENERAL STOR... (File No/Authorization No: 20418-20183)

Step 1: Review Primary Contact Information

Update or Confirm Contact Info

Step 2: Verify Project Information

Confirm & Continue

Back to Home

**Primary Contact Information**

Details

First Name: **DAVID** Last Name: **SCHELLING**  
 Phone: **(515)217-0875** Email Address: **DAVID.SCHELLING@DNR.IOWA.GOV** Company Name: **CASEY'S MARKETING COMPANY**

Address

Address Line 1: **ONE SE CONVENIENCE BLVD.** Address Line 2:  
 City: **ANKENY** State: **IA** Zip: **50021**

**Facility or Project**

Facility/Project

Permit Type: **GP #2 - Construction Activity** File Number: **20418** Authorization Number: **20183**  
 Application Number: **35329** Expiration Date: **07/11/2013** Facility/Project Name: **CASEY'S GENERAL STORE**

Facility Address

E911 Address: **318 WATERLOO RD.** Location Description:  
 City: **HUDSON** State: **IA** Zip: **50643**

**Facility Location**

Qtr Sec: **NW**  
 Section: **26**  
 Township:  
 Range: **14**  
 Range Direction: **W**  
 County: **BLACK HAWK**  
 Latitude: **42.41018**  
 Longitude: **-92.45120**  
 X Coordinate: **545157**  
 Y Coordinate: **4695465**  
 Zone UTM:



Step 1: Review Primary Contact Information

Update or Confirm Contact Info

Step 2: Verify Project Information

Confirm & Continue

Exit to Home

Primary Contact Information

Details

First Name: DAVID

Last Name: SCHELLING

Phone:

Address:

Address:

City: ANKENY

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City: HU

Facility Lo

Dir Sec: W

Section: 28

Township:

Range: 14

Range Direction: W

County: BLACK HAWK

Latitude: 42.41018

CASEY'S MARKETING COMPANY

20183

CASEY'S GENERAL STORE

Contact



Details

\* First Name

DAVID

\* Last Name

SCHELLING

\* Company Name

CASEY'S MARKETING COMPANY

\* Phone

(515)217-0875

\* Email Address

DAVID.SCHELLING@DNR.IOWA.GOV

Address

\* Address Line 1

ONE SE CONVENIENCE BLVD.

Address Line 2

\* City

ANKENY

\* State

IA

\* Zip

50021

Close

Yes, Confirm

Step 1: Review Primary Contact Information

Update or Confirm Contact Info

Step 2: Verify Project Information

Confirm & Continue

Back to Home

Primary Contact Information

Details

First Name: DAVID

Last Name: SCHELLING

Phone: (515)217-0878

Email Address: DAVID.SCHELLING@DNR.IOWA.GOV

Company Name: CASEY'S MARKETING COMPANY

Address

Address Line 1: ONE SE CONVENIENCE BLVD.

Address Line 2:

City: AM

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City: HU

Facility Location

Qtr Sec: NW

Section: 26

Township:

Range: 14

### Stormwater General Permit Fee Options



\* Please select a fee option

Annual Permit Fee \$175 (per year) Maximum coverage is one year

**Payment Types:** ACH (E-check), American Express, Discover, Master Card, Visa

All transactions incur an IOWAccess Service Fee of **\$1.50**

Credit Card payments are charged an additional processing fee of **2.5%**.

\* Will this be paid for by a state agency?

No

Cancel

Continue to Payment

## STORMWATER - HOME

### Stormwater General Permits

Welcome to the Iowa Department of Natural Resources Stormwater General Permits Database. This application allows registered users to submit a notice of intent to obtain coverage under Stormwater General Permits 1, 2, and 3 as required in Chapter 64. The general public may search the stormwater permits system for information on stormwater authorizations.

[Search Stormwater Permits Database Reports](#)

[Additional Information for the Stormwater Program](#)

[Work on a Stormwater Permit](#)

[Subscribe for Stormwater Permit Notifications](#)

### Log In

Log in to this application with an existing Stormwater account.

[Log In](#)

[Forgot Password](#)

### Create Account

**Why is this needed?** You must create an account in order to submit electronically to the Iowa DNR. Creating an account will protect the security of your submissions and prevent unauthorized individuals from accessing your information. An account is not needed to search submitted inspections.

[Create Account](#)



## STORMWATER - PERMIT ACTIONS

### NEW Notice of Intent (NOI)

(Users must login to enter a new NOI)

Select the permit from which you are needing coverage:

[New GP1](#)

**General Permit #1:** Stormwater discharge associated with Industrial Activity

[New GP2](#)

**General Permit #2:** Stormwater discharge associated with Industrial Activity for Construction Activities

[New GP3](#)

**General Permit #3:** Stormwater discharge associated with Industrial Activity for Asphalt Plants, Concrete Batch Plants, Rock Crushing Plants, and Construction Sand and Gravel Facilities

### RENEW Notice of Intent (NOI)

(Login not required)

Choose your option:

Enter Authorization Number to be renewed below, then click "Renew"

[Renew](#)

Authorization Number

Format(####-####) or (#####-#####)

- OR -

[Login](#)

Login and select authorization to renew from 'My Applications' list

### Submit a Notice of Discontinuation (NOD)

(Login required)

Enter Authorization Number to be discontinued below, then click "Discontinue"

[Discontinue](#)

Authorization Number

- OR -

[Login](#)

Login and select authorization to discontinue from 'My Applications' list

COMING SOON!

# STORMWATER - FACILITY INFORMATION AND LOCATION

Permit Type: GP-1

\* Facility Name

\* E911 Address

\* City

\* State

\* Zip

\* County

\* Legal Status

\* SIC Code

\* NAICS Code

Helpful Links to look up SIC and NAICS Code: <https://www.naics.com/>

\* Discharge Start Date

## Location Information

Add Point to Map



### GPS Coordinates

\* Latitude

\* Longitude

Add Map Point by Lat/Long

### QSTR

\* Quarter Section

\* Section

\* Township

\* Range Direction

\* Range

Zoom to QSTR

### Geospatial Information

\* X Coordinate

\* Y Coordinate

### Receiving Stream

- Stream 1

Previous Save and Continue >> Save and Exit Cancel

## STORMWATER - AFFILIATES

### Affiliates

Permit Type: GP-1

Application number:

Project or Facility:

### Primary Contact

\* First Name  \* Last Name

\* Company Name

\* Address Line 1

\* City  \* State  \* Zip

State

\* Primary/Business  \* Cell

\* Email Address

Copy from "My Account"

### Site Owner

Check if owner is a business

\* First Name  \* Last Name

\* Company Name

\* Address Line 1

\* City  \* State  \* Zip

State

Primary/Business  Cell

\* Email Address

Copy from "My Account"

Copy from "Primary contact"

### Operator/Contractor (if Applicable)

Check if Operator/Contractor is a business

\* First Name  \* Last Name

\* Company Name

\* Address Line 1

\* City  \* State  \* Zip

State

Primary/Business  Cell

\* Email Address

Copy from "My Account"

Copy from "Primary contact"

Copy from "Owner"

< previous

save and continue >

save and exit



### Compliance Verification and Document Upload

Permit Type: (Autopopulate) Application Number: (Autopopulate)

Project or Facility: (Autopopulate)

#### Compliance (check to verify compliance with permit requirements)

Public Notice (required for ALL new GP1, 2, and 3 notice of intent)

Enter the date the public notice was published in the newspaper [\(more info\)](#)

- OR -

Site was previously authorized under permit authorization number  =

Stormwater Pollution Prevention Plan (SWPPP) (required for ALL GP1, 2, and 3 notice of intent)

SWPPP has been developed prior to the submittal of this Notice of Intent and meets the requirements of the applicable General Permit

SWPPP complies with the approved State (Section 161A.64, Code of Iowa) and/or local sediment and erosion plans

#### Supporting Documentation

Upload supporting documents that you wish to submit with the application. This could include site maps, a public notice, etc. Note: Uploaded file size cannot exceed 5 MB. Maximum of 1000 files. Not required.

Choose a File to Attach:

Attach

No file chosen

Current File Attachments

1679map.pdf

472KB

#### Permit Fee Options

Select number of years of coverage:

Online Payment Types: ACH (e-check), Credit Card, PCard

- All transactions incur an IOWAccess Service Fee of **\$1.50**
- Credit Card payments are charged an additional processing fee of **2.5%**

Check for Government Internal Transfer Payment (Document ID Required)

**NOTE:** PDF of receipt of internal transfer payment should be uploaded above.

Select Agency Making Transfer

Enter DocID

## **Certification**

Permit Type: (Autopopulate) Application Number: (Autopopulate)

Project or Facility: (Autopopulate)

[Review Application Data](#)

### **Certification Statement**

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified people properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, this information is, to the best of my knowledge and belief, true, accurate and complete. I further certify that the terms and conditions of the general permit will be met. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for willful violations.

I meet the signatory requirements specified in 567 IAC 64.3(8) ([more info](#))

OR

[Click to add a Signatory to this Application](#) ?

[Click to Certify Electronically](#) ?

[Click for Alternate Certification](#) ?

Verify information about signatory:

(information pulled from My Account)

First Name:  Last Name:  Title:

Email:  Company Name:  Date:  

Enter your Account password and click the 'Certify this application' button to certify this application yourself

Username:  Password:

[Certify this Application](#)

SECURITY QUESTION

THEN **\*SIGN and SUBMIT\*** Button

### Alternative Certification Option

1. Generate PDF of Certification Document
2. Sign
  - a. Print and manually sign
  - b. Digitally Sign - Must include a signature token (Adobe, DocuSign, etc.)
3. Upload
4. Enter Certifier Information
5. Submit

Generate PDF of Notice of Intent

Generate PDF of Notice of Discontinuation

Hide whichever does not apply

### Upload Completed Certification Form

Choose a File to Attach:

Attach

Choose Files No file chosen

### Current File Attachments

1679map.pdf

472KB

Rename

View

Delete

### Certifier Information

The certifier meets the signatory requirements specified in 567 IAC 64.3(8) [\(more info\)](#)

First Name:  Last Name:

Title:  Company:  Signature Date:

Back to Electronic Certification

Exit Application

Complete Certification and Submit NOI

### Notice of Discontinuation

Complete the following to discontinue coverage under Iowa NPDES General Permit Number <X>.

Date of Discontinuation or Stabilization:

Authorization Number:  County:

Facility/Project Name:

Owner Name:

### Notice of Discontinuation Certification Statement

I certify under penalty of law that all storm water discharges associated with industrial activity from the identified facility have been eliminated. I understand that by submitting this Notice of Discontinuation, that I am no longer authorized to discharge stormwater, either associated with industrial activity, associated with industrial activity for construction activities, or at this site location by Iowa Department of Natural Resources NPDES General Permit No. <X> under the authorization indicated above and that discharging pollutants from stormwater associated with industrial activity to the waters of the United States is unlawful under the Clean Water Act where the discharge is not authorized by a NPDES permit.

For a construction site, I certify under penalty of law that disturbed soils at the identified facility have been finally stabilized and temporary erosion and sediment control measures have been removed or will be removed at an appropriate time.

I further certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for known violations.

I meet the signatory requirements specified in 567 IAC 64.3(8) ([more info](#))

First Name:  Last Name:  Title:

Email:  Company Name:  Date:

[Click to Certify Electronically](#)

[Click for Alternate Certification](#)

Enter your Account password and click the 'Certify this application' button to certify this application yourself

Username:  Password:  [Certify this Application](#)

SECURITY QUESTION

THEN 'SIGN' Button

[Exit without saving this page](#)

# NODs

# Further out updates

- Electronic Notice of Discontinuation (2025)
- Updates to “My Applications” page
- Map Searches
- Electronically Submit Relocation Notices (GP3)
- Submit No Exposure Certification?
  
- Suggestions??

[David.schelling@dnr.iowa.gov](mailto:David.schelling@dnr.iowa.gov)



# Common Deficiencies

At industrial sites with GP1 or GP3 coverage

# Stormwater - Compliance

Jeff Prier – Environmental Specialist Senior  
Field Office 6 – Washington, IA

## Contact Info

- Phone – (319) 653-2135
- Email – [jeff.prier@dnr.iowa.gov](mailto:jeff.prier@dnr.iowa.gov)

# Field Office Site Visits

- Overview
  - 6 Environmental Field Offices
  - Field Office Information:
  - [www.iowadnr.gov/fieldoffice](http://www.iowadnr.gov/fieldoffice)



proof.

## R. **INSPECTION AND ENTRY**

The permittee shall allow the Department or an authorized representative of EPA, the State, or, in the case of a facility which discharges through a municipal separate storm sewer, an authorized representative of the municipal operator of the separate storm sewer receiving the discharge, upon the presentation of credentials and other documents as may be required by law, to:

1. Enter upon the premises where a regulated facility or activity is located or conducted or where records must be kept under the conditions of this permit;
2. Provide access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
3. Inspect at reasonable times any facilities or equipment (including monitoring and control equipment); and
4. Sample or monitor, at reasonable times, to assure compliance or as otherwise authorized by the CWA.



# Common Deficiencies

- Stormwater Pollution Prevention Plan (SWPPP)
  - No SWPPP

condition of this permit:

1. **Deadlines for SWPPP Preparation and Compliance.** The SWPPP shall be completed before a NOI is submitted to the Department. Full implementation of the SWPPP will be executed concurrently with operations at the facility, or in the case of a new facility, with the start of operations at the facility.

2. **Signature and SWPPP Review:**

# Common Deficiencies

- Creating a SWPPP, then not touching it again
- Not keeping the SWPPP up to date
- Having BMPs and not taking credit in SWPPP

3. **SWPPP Amendments.** The permittee shall amend the SWPPP whenever there is a change in design, construction, operation, or maintenance, which has a significant effect on the potential for the discharge of pollutants to waters of the U.S. or if the SWPPP proves to be ineffective in achieving the general objectives of controlling pollutants in storm water discharges associated with industrial activity. Amendments to the SWPPP may be reviewed by the Department in the same manner as Part III.C.2. above.

# Common Deficiencies (cont.)

- Best Management Practices (BMPs)
  - Good BMPs, but NO maintenance

reporting.

**b.(3). Preventive Maintenance.** The SWPPP shall describe a preventive maintenance program that involves inspection and maintenance of storm water management devices (e.g. cleaning oil/water separators, catch basins) as well as inspecting and testing plant equipment and systems to uncover conditions that could cause breakdowns or failures resulting in discharges of pollutants to surface waters.

**b.(4). Good Housekeeping.** Good housekeeping requires the maintenance of a clean, orderly facility.

# Common Deficiencies (cont.)

- Lack of Site knowledge/awareness

may be reviewed by the Department in the same manner as Part III.2.1 above.

**4. Contents of the SWPPP.** The SWPPP shall include, at a minimum, the following items:

- a. Description of Potential Pollutant Sources.** Each SWPPP shall provide a description of potential sources which may reasonably be expected to add significant amounts of pollutants to storm water discharges or which may result in the discharge of pollutants during dry weather from separate storm sewers draining the facility. Each SWPPP shall identify all activities and significant materials which may potentially be significant pollutant sources. Each SWPPP shall include, at a minimum:
  - a.(1).** A site map showing an outline of the drainage area of each storm water outfall; each existing structural control measure to reduce pollutants in storm water runoff; and each surface water body;
  - a.(2).** A narrative description of:
    - a.(2).i.** known significant materials that have been treated, stored or disposed, in a manner to allow exposure to storm water, during the three years prior to the discharge authorization date of this permit;
    - a.(2).ii.** the method of on-site storage or disposal;

# Common Deficiencies (cont.)

- Evidence of spills or leaks and not cleaning them up

- b.(4). **Good housekeeping.** Good housekeeping requires the maintenance of a clean, orderly facility.
- b.(5). **Spill Prevention and Response Procedures.** Areas where potential spills can occur, and their accompanying drainage points shall be identified clearly in the SWPPP. Where appropriate, material handling procedures and storage requirements should be considered in the SWPPP. Procedures for cleaning up spills shall be identified in the SWPPP and made available to the appropriate personnel. The necessary equipment to implement a clean up shall be available to personnel.
- b.(6). **Storm Water Management.** The SWPPP shall contain a narrative consideration of the

# Common Deficiencies (cont.)

- Lack of Recordkeeping
  - Annual inspection
  - Staff Training

b.(9). **Record keeping and Internal Reporting Procedures.** Incidents such as spills, or other discharges, along with other information describing the quality and quantity of storm water discharges shall be included in the records. Inspection and maintenance activities shall be documented and recorded.

b.(8). **Employee Training.** Employee training programs shall inform personnel at all levels of responsibility of the components and goals of the SWPPP. Training should address topics such as spill response, good housekeeping and material management practices. The SWPPP shall identify periodic dates for such training.

# Common Deficiencies (cont.)

- Not addressing sediment runoff on site

and appropriate shall be implemented and maintained.

**b.(7). Sediment and Erosion Prevention.** The SWPPP shall identify areas which, due to topography, activities, or other factors, have a high potential for significant soil erosion, and identify measures to limit erosion.

**b.(8). Employee Training.** Employee training programs shall be implemented at all levels of responsibility.

# Common Deficiencies (cont.)

- SARA Title III, Section 313 - Water Priority Chemicals
  - Awareness
  - Secondary Containment

any part of such plans into the SWPPP by reference.

- f. **Additional Requirements for Storm Water Discharge Associated with Industrial Activity from Facilities Subject to SARA Title III, Section 313 Requirements.** SWPPPs for facilities subject to reporting requirements under SARA Title III, Section 313 for chemicals which are classified as Section 313 water priority chemicals in accordance with the definition in Part VIII of this permit are required to include, in addition to the information listed above, a discussion of the facility's conformance with the appropriate guidelines listed below:

f (1) In areas where Section 313 water priority chemicals are stored, processed or otherwise handled



# Common Deficiencies (cont.)

- Visual Inspection

Results → SWPPP Updates

- response equipment, shall be made.
- c.(2).** Based on the results of the inspection, the description of potential pollutant sources and the pollution prevention measures identified in the SWPPP shall be revised as appropriate within two weeks of the inspection. The revised pollution prevention measures shall be fully implemented within twelve weeks of the inspection.
- c.(3)** A report shall be made and retained as part of the SWPPP for at least three years. The report shall

# Questions?

**David Schelling** – Stormwater Program Coordinator

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(515) 217-0875 (cell)

**Jeff Prier** – Environmental Specialist Senior

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