

# National Pollutant Discharge Elimination System (NPDES)

- All construction projects that disturb greater than or equal to 1 acre of land will require a NPDES permit
  - Storm Water Discharge Associated with Construction Activity
  - Obtained from the Iowa Department of Natural Resources (Iowa DNR).

# National Pollutant Discharge Elimination System (NPDES)

- Required by Iowa Code!
- Failure to obtain and fulfill obligations of this permit may have undesirable consequences.

# Storm Water Discharge Permit

- The **Contracting Authority** must obtain a Stormwater Discharge Permit (it can not be done by the consultant)



TERRY E. BRANSTAD, GOVERNOR  
KIM REYNOLDS, LT. GOVERNOR

STATE OF IOWA

DEPARTMENT OF NATURAL RESOURCES  
CHUCK GIPP, DIRECTOR

DEPARTMENT OF NATURAL RESOURCES  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
NOTICE OF GENERAL PERMIT COVERAGE UNDER  
GENERAL PERMIT NO. 2

**STORM WATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITY**

This notice of general permit coverage for a storm water discharge associated with construction activity is issued pursuant to the authority of section 402 (b) of the Clean Water Act (U.S.C. 1342(b)), Iowa Code 455B.174, and subrule 567--64.4(2), Iowa Administrative Code. A Notice of Intent has been filed with the Iowa Department of Natural Resources that this storm water discharge complies with the terms and conditions of NPDES General Permit No. 2. Authorization is hereby issued to discharge storm water associated with industrial activity as defined in Part VIII of the Iowa Department of Natural Resources NPDES General Permit No. 2 in accordance with the terms and conditions set forth in the permit.

**Owner:** MELISSA SERIO  
800 LINCOLN WAY  
AMES IA 50010  
(515)239-1280

**Permit Coverage Issued To:**  
IDOT - SW ARTERIAL PROJECT - CONSTRUCTION  
FROM US 20 TO US 61/151  
in DUBUQUE, DUBUQUE COUNTY  
located at

I/4 Section	Section	Township	Range
SE	11	88N	2E

**Coverage Provided Through:** 6/22/2021  
**NPDES Permit Discharge Authorization Number:** 27266 - 27014  
**Discharge Authorization Date:** 6/22/2015

**Project Description:** CONSTRUCTION OF FOUR-LANE DIVIDED BYPASS,  
INCLUDING INTERCHANGE, INTERSECTION, AND BRIDGE CONSTRUCTION  
444.0 ACRES

# Public Notice

- A public Notice of Intent must be published in local paper and proof of publication must be submitted with the permit application

## AFFIDAVIT OF PUBLICATION

STATE OF IOWA }  
Henry County } SS.

Mathew W. Bryant being first duly sworn on oath deposes and says that he is Publisher of the Mt. Pleasant News, and that he has knowledge of the facts herein alleged, and is the publisher of the Mt. Pleasant News, a weekly newspaper published in the city of Mt. Pleasant, Henry County, Iowa and that the Notice, a copy of which is hereto attached, was published for 1 consecutive days, in said Mt. Pleasant News 1 time 1 each day, the 1st insertion occurring the 25<sup>th</sup> day of February, 2016, the 2nd insertion the \_\_\_ day of \_\_\_\_\_, 2016, the 3rd insertion the \_\_\_ day of \_\_\_\_\_, 2016 and the 4th insertion the \_\_\_ day of \_\_\_\_\_, 2016.

Signed and dated this 26<sup>th</sup> day of February A.D. 2016

*Mathew W Bryant*

Printer's Legal Fee \$ 16.70

Subscribed and sworn to by Mathew W. Bryant  
Before me this 26<sup>th</sup> day of February, 2016

*Lois Diana Larson*  
Notary Public



PUBLIC NOTICE
<b>PUBLIC NOTICE OF STORM WATER DISCHARGE</b>
Henry County plans to submit a Notice of Intent to the Iowa Department of Natural Resources to be covered under the NPDES General Permit No. 2 "Storm Water Discharge Associated with Industrial Activity for Construction Activities."
The storm water discharge will be for grading and pavement replacement of 220th Street in Sections 1 and 2 of T-71N, R-6W, Section 2, 3, 4, 5 and 6 of T-71N, R-5W, and Sections 31, 32, 33, 34 and 35 of T-72N, R-5W, Henry County.
Storm water will be discharged from one point source with approximately 43 acres discharging to Big Creek.
Comments may be submitted to the Storm Water Discharge Coordinator, Iowa Department of Natural Resources, Environmental Protection Division, 502 E. 9th Street, Des Moines, IA 50319-0004. The public may review Notice of Intent from 8:00 a.m. to 4:30 p.m., Monday through Friday, at the above address after it has been received by the department.
Published in the Mt. Pleasant News February 26, 2016.

RECEIVED  
FEB 29 2016

Henry County Engineer

# Address Environmental Impacts

- If there is a Stormwater Discharge Permit the Prime Contractor must be a co-permittee to the permit.
- For LPA projects this document is no longer sent with the Contract.

JIM SCHROEDER CONSTRUCTION, INC.  
Contract No.: 31-0321-041

Bid Order: 009  
Letting: 19DEC2017

This certification must be signed by an Officer of the Company and returned along with the signed contract to the Contracting Authority: the IOWA DEPT OF TRANSPORTATION

## STORM WATER DISCHARGE ASSOCIATED WITH INDUSTRIAL ACTIVITY FOR CONSTRUCTION ACTIVITIES.

### Certification Statement

For the projects which include a Storm Water Pollution Prevention Plan (PPP) on the contract shown above:

"I certify under penalty of law that I understand the terms and conditions of the general (or individual, if applicable) National Pollutant Discharge Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site as part of this certification.

Further, by my signature, I understand that I am becoming a co-permittee, along with the owner(s) and other contractors and subcontractors signing such certifications, to the Iowa Department of Natural Resources NPDES General Permit No. 2 for "Storm Water Discharge Associated with Industrial Activity for Construction Activities" (or individual NPDES permit, if applicable) at the identified site. As a co-permittee, I understand that I, and my company, are legally required under the Clean Water Act and the Code of Iowa, to ensure compliance with the terms and conditions of the storm water pollution prevention plan developed under this NPDES permit and the terms of this NPDES permit."

Name \_\_\_\_\_  
Type, Stamp or Print Legibly

Title \_\_\_\_\_

SCHROEDER, JIM CONSTRUCTION, INC. Phone: (563) 872-5591  
500 SOUTH SECOND STREET  
BELLEVUE, IA 52031-1326

Signed By \_\_\_\_\_ Date \_\_\_\_\_

# Doc Express Document Signing History

Contract: 31-0321-041 Document: STORM WATER CO-PERMITTEE FORM

This document is in the process of being signed by all required signatories using the Doc Express service. Following are the signatures that have occurred so far.

Date	Signed By
01/08/2018	Dan Schroeder Jim Schroeder Construction Digital Signature (Signed by Contractor)
	(Checked by Office of Contracts Personnel)
	(Signed by Office of Contracts)
	(Marked Completed by Office of Contracts)



# Address Environmental Impacts

- Any subcontractors who will be doing work that could impact site runoff will need to sign on as co-permittees.
- C.M. Appendix 10-2
- For LPA projects, this document is **also** used for the Prime Contractor.

Form 0304 (02/04)



Iowa Department of Transportation

CO-PERMITTEE CERTIFICATION STATEMENT

Project No.: \_\_\_\_\_

County: \_\_\_\_\_ Proposal ID No.: \_\_\_\_\_

Prime Contractor: \_\_\_\_\_

Subcontractor: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone No.: \_\_\_\_\_

I certify under penalty of law that I understand the terms and conditions of the general National Pollutant Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site as part of this certification.

Further, by my signature, I understand that I am becoming a co-permittee, along with the owner(s) and other contractors and subcontractors signing such certifications, to the Iowa Department of Natural Resources NPDES General Permit No. 2 for Storm Water Discharge Associated with Industrial Activity for Construction Activities at the identified site. As a co-permittee, I understand that I, and my company, are legally required under the Clean Water Act and the Code of Iowa, to ensure compliance with the terms and conditions of the storm water pollution prevention plan developed under this NPDES permit and the terms of this NPDES permit.

\* Signature: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

\* Certification Statement shall be signed as follows:  
Corporation – president or vice-president  
Partnership – general partner  
Proprietorship - proprietor

# Co-Permittee Certification Statement

- It is the responsibility of the Contractor to obtain Co-Permittee Statements from the subcontractors.
- These documents are to be submitted at (or before) the Pre-construction Conference.



# Thurn Seeding, LLC.

Subcontractor: THURN SEEDING, LLC

Subcontractor Vendor ID: TH329

Address: 16978 ASBURY ROAD

Division of Labor Registration: Y

DUBUQUE, IA TH329

Telephone No.: (563)584-0546

Line No.	Item Description	Quantity	Unit Price	"A"	\$ Amount	Partial Item
0280	MULCH	1.200	\$1,800.0000	\$0.00000	\$2,160.00	N
0290	SEED+FERTILIZE (RURA	1.200	\$300.00000	\$0.00000	\$360.00	N
0300	STABILIZE CROP - SEE	1.200	\$300.00000	\$0.00000	\$360.00	N
0310	TURF REINFORCEMENT M	71.000	\$60.00000	\$0.00000	\$4,260.00	N
0320	SILT FENCE	750.000	\$2.00000	\$0.00000	\$1,500.00	N
0330	RMVL OF SILT FENCE/S	750.000	\$0.01000	\$0.00000	\$7.50	N
0340	MAINT OF SILT FENC/S	75.000	\$3.00000	\$0.00000	\$225.00	N
0380	PERIMETER+SLOPE SEDI	1,080.00	\$0.50000	\$0.00000	\$540.00	N
0390	RMVL OF PERIMETER+SL	1,080.00	\$0.01000	\$0.00000	\$10.80	N
0400	MOBILIZATION	1.000	\$500.00000	\$0.00000	\$500.00	N
0410	MOBILIZATION	1.000	\$1,000.000	\$0.00000	\$1,000.00	N
0420	ROADSIDE SPRAY - WEE	1.200	\$10.00000	\$0.00000	\$12.00	N

# Thurn Seeding, LLC.

Form 830216wd (08-08)



## Iowa Department of Transportation

### CO-PERMITTEE CERTIFICATION STATEMENT

Project No.: NHSX-032-1(41)--3H-31

County: Dubuque County Proposal ID No.: 31-0321-041

Prime Contractor: Jim Schroeder Construction, Inc.

Subcontractor: Thurn Seeding, LLC

Address: 16978 Asbury Road, Dubuque, Iowa 52001

Telephone No.: 563-584-0546

I certify under penalty of law that I understand the terms and conditions of the general National Pollutant Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site as part of this certification.

Further, by my signature, I understand that I am becoming a co-permittee, along with the owner(s) and other contractors and subcontractors signing such certifications, to the Iowa Department of Natural Resources NPDES General Permit No. 2 for Storm Water Discharge Associated with Industrial Activity for Construction Activities at the identified site. As a co-permittee, I understand that I, and my company, are legally required under the Clean Water Act and the Code of Iowa, to ensure compliance with the terms and conditions of the storm water pollution prevention plan developed under this NPDES permit and the terms of this NPDES permit.

\* Signature: Angela Thurn

Title: President

Date: 1-18-18

- \* Certification Statement shall be signed as follows:
  - Corporation – president or vice-president
  - Partnership – general partner
  - Proprietorship - proprietor

# Tschiggfrie Excavating Co.

Subcontractor: TSCHIGGFRIE EXCAVATING CO.

Subcontractor Vendor ID: TS020

Address: 425 JULIEN DUBUQUE

Division of Labor Registration: Y

DUBUQUE, IA TS020

Telephone No.: (563)557-7450

Line No.	Item Description	Quantity	Unit Price	"A"	\$ Amount	Partial Item
0010	EXCAVATION	3,893.00	\$7.85000	\$0.00000	\$30,560.05	N
0160	BRIDGE WING ARMORING	32.000	\$75.00000	\$0.00000	\$2,400.00	N
0170	ENGINEER FABRIC	1,900.00	\$3.00000	\$0.00000	\$5,700.00	N
0180	REVTMENT	1,315.00	\$28.00000	\$0.00000	\$36,820.00	N
0190	EROSION STONE	71.000	\$24.50000	\$0.00000	\$1,739.50	N
0210	MOBILIZATION	1.000	\$5,000.000	\$0.00000	\$5,000.00	Y
0230	PAVED SHLD	25.000	\$87.80000	\$0.00000	\$2,195.00	N
0240	SHLD CONSTRUCTION	2.300	\$129.00000	\$0.00000	\$296.70	N
0250	BRIDGE APPROACH	477.200	\$175.00000	\$0.00000	\$83,510.00	N
0260	BRIDGE END DRAIN	1.000	\$3,900.000	\$0.00000	\$3,900.00	N
0350	ROCK CHECK DAM	40.000	\$40.00000	\$0.00000	\$1,600.00	N
0360	MAINT OF ROCK CHECK	12.000	\$250.00000	\$0.00000	\$3,000.00	N
0370	RMVL OF ROCK CHECK D	4.000	\$400.00000	\$0.00000	\$1,600.00	N



# Iowa Department of Transportation

## CO-PERMITTEE CERTIFICATION STATEMENT

Project No.: NHSX-032-1(41)--3H-31

County: Dubuque County Proposal ID No.: 31-0321-041

Prime Contractor: Jim Schroeder Construction, Inc.

Subcontractor: Tschiggfrie Excavating Co.

Address: 425 Julien Dubuque Dr, Dubuque, IA 52003

Telephone No.: 563-557-7450

I certify under penalty of law that I understand the terms and conditions of the general National Pollutant Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site as part of this certification.

Further, by my signature, I understand that I am becoming a co-permittee, along with the owner(s) and other contractors and subcontractors signing such certifications, to the Iowa Department of Natural Resources NPDES General Permit No. 2 for Storm Water Discharge Associated with Industrial Activity for Construction Activities at the identified site. As a co-permittee, I understand that I, and my company, are legally required under the Clean Water Act and the Code of Iowa, to ensure compliance with the terms and conditions of the storm water pollution prevention plan developed under this NPDES permit and the terms of this NPDES permit.

\* Signature: *Bob Tschiggfrie*

Title: Vice-President

Date: 2-7-18

- \* Certification Statement shall be signed as follows:  
 Corporation – president or vice-president  
 Partnership – general partner  
 Proprietorship - proprietor

# Tschiggfrie Excavating Co.

# Dormark Construction Co.

Subcontractor: DORMARK CONSTRUCTION CO.

Subcontractor Vendor ID: DO140

Address: 3310 SW BROOKSIDE D  
P.O. BOX 530  
GRIMES, IA DO140

Division of Labor Registration: Y

Telephone No.: (515)986-4270

Line No.	Item Description	Quantity	Unit Price	"A"	\$ Amount	Partial Item
0130	CONC BARRIER RAIL	586.000	\$56.54000	\$33,132.44	\$33,132.44	Y

# Dormark Construction Co.

Form 830219wd (09-08)



## Iowa Department of Transportation

### CO-PERMITTEE CERTIFICATION STATEMENT

Project No.: NHSX-032-1(41)--3H-31

County: Dubuque County Proposal ID No.: 31-0321-041

Prime Contractor: Jim Schroeder Construction, Inc.

Subcontractor: Dormark Construction Co

Address: PO Box 530, Grimes, IA 50111

Telephone No.: 515-986-4270

I certify under penalty of law that I understand the terms and conditions of the general National Pollutant Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site as part of this certification.

Further, by my signature, I understand that I am becoming a co-permittee, along with the owner(s) and other contractors and subcontractors signing such certifications, to the Iowa Department of Natural Resources NPDES General Permit No. 2 for Storm Water Discharge Associated with Industrial Activity for Construction Activities at the identified site. As a co-permittee, I understand that I, and my company, are legally required under the Clean Water Act and the Code of Iowa, to ensure compliance with the terms and conditions of the storm water pollution prevention plan developed under this NPDES permit and the terms of this NPDES permit.

\* Signature: *Timothy Buege*

Title: *PCCS*

Date: *1-22-16*

- \* Certification Statement shall be signed as follows:  
Corporation – president or vice-president  
Partnership – general partner  
Proprietorship - proprietor

# Great Plains Survey, Inc.

Subcontractor: GREAT PLAINS SURVEY, INC.      Subcontractor Vendor ID: GR128  
Address: 407 SYCAMORE ST.      Division of Labor Registration: Y  
LA PORTE CITY, IA GR128      Telephone No.: (319)342-4774

Line No.	Item Description	Quantity	Unit Price	"A"	\$ Amount	Partial Item
0200	CONSTRUCTION SURVEY	1.000	\$10,000.00	\$0.00000	\$10,000.00	N



# Great Plains Survey, Inc.

Form 830215wd (09-08)



## Iowa Department of Transportation

### CO-PERMITTEE CERTIFICATION STATEMENT

Project No.: NHSX-032-1(41)--3H-31

County: Dubuque County Proposal ID No.: 31-0321-041

Prime Contractor: Jim Schroeder Construction, Inc.

Subcontractor: Great Plains Survey

Address: 407 Sycamore St, La Porte City, Ia 50651

Telephone No.: 319-342-4774

I certify under penalty of law that I understand the terms and conditions of the general National Pollutant Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site as part of this certification.

Further, by my signature, I understand that I am becoming a co-permittee, along with the owner(s) and other contractors and subcontractors signing such certifications, to the Iowa Department of Natural Resources NPDES General Permit No. 2 for Storm Water Discharge Associated with Industrial Activity for Construction Activities at the identified site. As a co-permittee, I understand that I, and my company, are legally required under the Clean Water Act and the Code of Iowa, to ensure compliance with the terms and conditions of the storm water pollution prevention plan developed under this NPDES permit and the terms of this NPDES permit.

\* Signature: *Angela Hutto*

Title: *President*

Date: *1/17/18*

- \* Certification Statement shall be signed as follows:  
Corporation – president or vice-president  
Partnership – general partner  
Proprietorship - proprietor

# Safety Equipment Leasing Co.

Subcontractor: SAFETY EQUIPMENT LEASING CO. Subcontractor Vendor ID: SE090

Address: 15 SOUTH MAIN ST

Division of Labor Registration: Y

DUBUQUE, IA SE090

Telephone No.: (563)556-2434

Line No.	Item Description	Quantity	Unit Price	"A"	\$ Amount	Partial Item
0270	TRAFFIC CONTROL	1.000	\$1,400.000	\$0.00000	\$1,400.00	N

# Safety Equipment Leasing Co.

Form 830215wfd (09-08)



## Iowa Department of Transportation

### CO-PERMITTEE CERTIFICATION STATEMENT

Project No.: NHSX-032-1(41)--3H-31

County: Dubuque County Proposal ID No.: 31-0321-041

Prime Contractor: Jim Schroeder Construction, Inc.

Subcontractor: Selco, Inc.

Address: 210 Second St, East Dubuque, IL 61025

Telephone No.: 815-554-6594

I certify under penalty of law that I understand the terms and conditions of the general National Pollutant Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site as part of this certification.

Further, by my signature, I understand that I am becoming a co-permittee, along with the owner(s) and other contractors and subcontractors signing such certifications, to the Iowa Department of Natural Resources NPDES General Permit No. 2 for Storm Water Discharge Associated with Industrial Activity for Construction Activities at the identified site. As a co-permittee, I understand that I, and my company, are legally required under the Clean Water Act and the Code of Iowa, to ensure compliance with the terms and conditions of the storm water pollution prevention plan developed under this NPDES permit and the terms of this NPDES permit.

\* Signature: *M. W. W.*

Title: *president*

Date: *1-16-18*

\* Certification Statement shall be signed as follows:  
Corporation – president or vice-president  
Partnership – general partner  
Proprietorship - proprietor

# Pollution Prevention Plan

## Storm Water Site Inspections

- Inspections required at least once every 7 days.
- Inspections are conducted **jointly** with a representative of **both** the contracting authority **and** the contractor AND both must sign the inspection form.
- Any corrections to deficiencies must start within 3 days of inspection and be completed within 7 calendar days (before the next inspection).

# Pollution Prevention Plan

## Storm Water Site Inspections

- Erosion control measures and inspections **must** be maintained through winter shut down.
- Prime Contractor must be prepared to install erosion control features if Subcontractor is not available.



**STORM WATER SITE INSPECTION**  
Inspections Made At Least Once Every Seven Calendar Days

Inspection Date and Time: \_\_\_\_\_ DNR Auth. No.: IA \_\_\_\_\_ - \_\_\_\_\_

Project Number: \_\_\_\_\_ County: \_\_\_\_\_

Inspection Made By: \_\_\_\_\_ Title: \_\_\_\_\_

Precipitation since previous inspection:  
\_\_\_\_\_  
\_\_\_\_\_

Comments and Observations (Include area inspected, status of site, and erosion/sediment control work performed since previous inspection):  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Deficiencies Found (items requiring maintenance or inadequate controls) and Additions Required (new items needed due to status of work) (Include specific locations):  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Can Corrective Action(s) be made within 72 hours after inspection? If no, document why it is impracticable.  
Note: Permit requires Corrective Actions be completed within 7 calendar days following inspection.  
\_\_\_\_\_  
\_\_\_\_\_

Date of Corrective Action (start within 3 days of inspection) and Corrective Action Performed (document either current week or previous week):  
\_\_\_\_\_  
\_\_\_\_\_

I 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 knowing violations.

Inspector's Signature: \_\_\_\_\_ Date: \_\_\_\_\_ 

	ESC Basics	ECT
	<input type="checkbox"/>	<input type="checkbox"/>

  
Contractor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_ 

	<input type="checkbox"/>	<input type="checkbox"/>
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# Storm Water Site Inspection



## STORM WATER SITE INSPECTION

Inspections Made At Least Once Every Seven Calendar Days

Inspection Date and Time: \_\_\_\_\_ DNR Auth. No: IA \_\_\_\_\_ - \_\_\_\_\_  
 Project Number: \_\_\_\_\_ County: \_\_\_\_\_  
 Inspection Made By: \_\_\_\_\_ Title: \_\_\_\_\_  
 Precipitation since previous inspection: \_\_\_\_\_

Comments and Observations (Include area inspected, status of site, and erosion/sediment control work performed since previous inspection):

- Provide station ranges of areas inspected.
  - Include types of erosion & sediment control measures (ESCM's) inspected (such as silt fence, rock check dams, etc.).
- Note any ESCM's that were installed or areas where stabilization has been completed since previous inspection.
  - In lieu of listing all locations, you may include a reference to specific IDR's or include a photocopy of notes from a field book.
  - Record any areas where land disturbing activities have been temporarily or permanently suspended.
  - Every effort should be made to access all areas of the site, especially critical areas (discharge points). However, if you are unable to access some areas, then record these locations.
  - Document suspension of inspections and reason for suspension here, such as when inspections will be performed under another project/contract (e.g. if inspections began on a culvert project but will then be covered under the grading project – note the suspension on the last culvert inspection report).
    - Document the station range if ceasing inspections on only a portion of the project.



Deficiencies Found (items requiring maintenance or inadequate controls) and Additions Required (new items needed due to status of work) (Include specific locations):

- Include any **new ESCM's that are needed or existing ESCM's that require correction or maintenance.**
  - **Location information** may include station and Lt., Rt., or Med.
  - Information need to be specific enough so the deficiency can be located by another individual.
- Note areas where stabilization is required.
- Document any **locations of needed housekeeping items,** such as off-site tracking that needs to be cleaned up.
- Include any issues of permit non-compliance, such as visible off-site sediment discharge.

Can Corrective Action(s) be made within 72 hours after inspection? If no, document why it is impracticable.

Note: Permit requires Corrective Actions be completed within 7 calendar days following inspection:

- If it's anticipated the contractor will mobilize within 72 hours but will not be able to finish within 72 hours, then note the contractor's anticipated start and completion. As long as the contractor resolves items with 7 calendar days, this is in compliance with the permit.

**Date of Corrective Action** (start within 3 days of inspection) and Corrective Action Performed (document either current week or previous week):

- If this section is filled in after date of signature below, then date this section.
- If inspection form is uploaded in DocExpress before corrective action work, fill in this section on next report and document that it is for prior week's deficiencies.

I 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 knowing violations.

Inspector's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

ESC  
Basics  ECT

Contractor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_



### STORM WATER SITE INSPECTION

Inspections Made At Least Once Every Seven Calendar Days

Inspection Date and Time: May 21, 2018  
Project Number: NHSX-032-1(41)--3H-31 County: Dubuque  
DNR Authorization Number: IA 27266 - 27014  
Inspection Made By: John Willenbring / Mike Schroeder Title: CTS / Project Foreman

Comments and Observations:

2.39 inches of rainfall observed on Project this past week. Contractor on Project to begin Sub Structure Operations. Erosion  
Control Contractor on Project to install Erosion Control Practices and Measures. Locations as follows  
Silt Fence Sta 17+00 Rt  
Rock Berm Sta 17+00 - 19+00 Rt

Deficiencies Found and Additions Required (Include Specific Locations):

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Contractor Notification (Name, Notification Date, and Time of Notification):

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Date of Corrective Action (Within 3 Days of Inspection) and Corrective Action Performed:

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I 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 knowing violations.

Inspector's Signature: James Waller Date: 5/23/2018

Contractor's Signature: M. J. Elsh Date: 5/23/2018



## STORM WATER SITE INSPECTION

Inspections Made At Least Once Every Seven Calendar Days

Inspection Date and Time: May 29, 2018

Project Number: NHSX-032-1(42)--3H-31 County: Dubuque

DNR Authorization Number: IA 27266 - 27014

Inspection Made By: John Willenbring / Mike Schroeder Title: CTS / Project Foreman

### Comments and Observations:

1.10 inches of rainfall observed on Project this past week. Erosion Control Practices continue to perform adequately.

Contractor continues to add additional Practices as Construction Progresses. Additional added Practices locations as follows

Rock Berm Sta 18+00 - 19+00 Rt

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830214 (01-18)



## STORM WATER SITE INSPECTION

Inspections Made At Least Once Every Seven Calendar Days

Inspection Date and Time: June 3, 2019 DNR Auth. No.: IA 27266 - 27014

Project Number: NHSX-032-1(41)—3H-31 County: Dubuque

Inspection Made By: John Willenbring / Dan Schroeder Title: CTS / Project Foreman

Precipitation since previous inspection:

2.44 inches of precipitation observed on Project since previous inspection.

Comments and Observations (Include area inspected, status of site, and erosion/sediment control work performed since previous inspection):

Erosion Control Practices continue to perform adequately and effectively on Project. Project in Construction Status. . No Erosion / Sediment Control Work performed since previous inspection.

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Deficiencies Found (items requiring maintenance or inadequate controls) and Additions Required (new items needed due to status of work) (Include specific locations):

No Deficiencies / Additions Required

Can Corrective Action(s) be made within 72 hours after inspection? If no, document why it is impracticable.

Note: Permit requires Corrective Actions be completed within 7 calendar days following inspection:

Date of Corrective Action (start within 3 days of inspection) and Corrective Action Performed (document either current week or previous week):

I 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 knowing violations.

Inspector's Signature: \_\_\_\_\_

Date: 6-3-2019

ESC  
Basics

ECT

Contractor's Signature: \_\_\_\_\_

Date: 6-3-2019



830214 (01-18)



## STORM WATER SITE INSPECTION

Inspections Made At Least Once Every Seven Calendar Days

Inspection Date and Time: October 22, 2018 DNR Auth. No.: IA 27266 - 27014

Project Number: NHSX-032-1(41)—3H-31 County: Dubuque

Inspection Made By: John Willenbring / Dan Schroeder Title: CTS / Project Foreman

Precipitation since previous inspection:

0.04 inches of rainfall observed on Project since previous inspection.

Comments and Observations (Include area inspected, status of site, and erosion/sediment control work performed since previous inspection):

Contractor on Project to perform final Blading and Shaping of Project area. Also installing final Rock Erosion Control Practices as per plan.

Project in Final Stages of Construction.

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Deficiencies Found (items requiring maintenance or inadequate controls) and Additions Required (new items needed due to status of work) (Include specific locations):

No Deficiencies. New additions installed as per plan, Construction Progress.

Rock Erosion Control - Rip Rap Creek Bank. - Sta 18+75 Rt. Sta 19+00 Rt

Can Corrective Action(s) be made within 72 hours after inspection? If no, document why it is impracticable.

Note: Permit requires Corrective Actions be completed within 7 calendar days following inspection:

Date of Corrective Action (start within 3 days of inspection) and Corrective Action Performed (document either current week or previous week):

I 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 knowing violations.

Inspector's Signature: \_\_\_\_\_

Date: 10-22-2018

ESC Basics

ECT

Contractor's Signature: \_\_\_\_\_

Date: 10-22-2018

830214 (01-18)



## STORM WATER SITE INSPECTION

Inspections Made At Least Once Every Seven Calendar Days

Inspection Date and Time: November 5, 2018 DNR Auth. No.: IA 27266 - 27014

Project Number: NHSX-032-1(41)—3H-31 County: Dubuque

Inspection Made By: John Willenbring / Dan Schroeder Title: CTS / Project Superintendent

Precipitation since previous inspection:

1.25 inches of rainfall observed on Project since previous inspection.

Comments and Observations (Include area inspected, status of site, and erosion/sediment control work performed since previous inspection):

Erosion Control Contractor on Project this past week to install Additional Practices and Measures as Project is nearing completion. Newly Installed Measures listed below.

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Deficiencies Found (items requiring maintenance or inadequate controls) and Additions Required (new items needed due to status of work) (Include specific locations):

No Deficiencies / Additions Required due to Construction Progress as listed

Silt Fence Sta 101+00 - 103+60 Rt. Sta 104+60 — 104+97 Rt. Sta 100+00 - 101+75 Rt. Sta 102+50 - 103+75 Lt. Sta 104+00 - 104+97 Lt

Rip Rap Creek Bank - Sta 103+60 - 104+60 Lt. Sta 103+70 - 104+20 Rt

Wood Excelsior Mat Special Ditch Control - Sta 101+00 Rt. Sta 102+47 Rt. Sta 103+70 Lt. Sta 103+85 Lt.

Can Corrective Action(s) be made within 72 hours after inspection? If no, document why it is impracticable.

Note: Permit requires Corrective Actions be completed within 7 calendar days following inspection:

Date of Corrective Action (start within 3 days of inspection) and Corrective Action Performed (document either current week or previous week):

I 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 knowing violations.

Inspector's Signature: \_\_\_\_\_

Date: 11-5-2018

ESC  
Basics

ECT

Contractor's Signature: \_\_\_\_\_

Date: 11-5-2018

# Notice of Discontinuation

After 70% of the permanent seeding has been established a Notice of Discontinuation is submitted.



## NOTICE OF DISCONTINUATION OF A STORM WATER DISCHARGE COVERED UNDER IOWA NPDES GENERAL PERMIT NO. 2 FOR CONSTRUCTION ACTIVITIES

Name of the Owner or facility to which the storm water discharge general permit coverage was issued: Iowa Department of Transportation

COUNTY: \_\_\_\_\_  
PROJECT No.(s): \_\_\_\_\_  
DESCRIPTION: \_\_\_\_\_

List the complete permit authorization number for the discharge. This number is provided on the bottom of the authorization sheet for General Permit No. 2.

IA - \_\_\_\_\_ - \_\_\_\_\_

List the date the construction site reached "final stabilization": \_\_\_\_\_

"Final Stabilization" means that all soil disturbing activities at this site have been completed, and that a uniform perennial vegetative cover with a density of 70% for the area has been established or equivalent stabilization measures have been employed.

The following certification must be signed in accordance with the signatory requirements of the general permit:

"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 understand that by submitting this Notice of Discontinuation, I am no longer authorized to discharge storm water associated with industrial activity for construction activities by Iowa Department of Natural Resources NPDES General Permit No. 2, and that discharging pollutants from storm water associated with industrial activity to waters of the United States is unlawful under the Clean Water Act where the discharge is not authorized by an NPDES permit.

I 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."

_____	_____
Name (print)	Title
_____	_____
Signature	Date

This form is to be completed within 20 days following "final stabilization" and submitted to the Office of Construction and Materials.

# CM 7.10 Permanent Erosion Control

- Urban & Rural seeding:
  - March 1 to May 31
  - August 10 to September 30
- Wetland seeding
  - April 1 to June 30
- Spring Overseeding
  - After February 1 and before April 1
- These dates may be modified based on temperature and moisture conditions.



# CM 7.10 Permanent Erosion Control

- Seeding date extension notices will be posted on the Office of Construction and Materials website at:

[https://iowadot.gov/construction\\_materials/Earthwork-and-erosion-control](https://iowadot.gov/construction_materials/Earthwork-and-erosion-control)

Any other extensions are at the discretion of the Engineer.



# CM 7.30 Mulch

- All permanent seeding with prepared seedbeds are required to be mulched.
- The mulch shall be “blown” and “tucked in” as soon after seeding as possible.
- Machine printed weight tickets are required for all mulch used.

# CM 7.30 Mulch

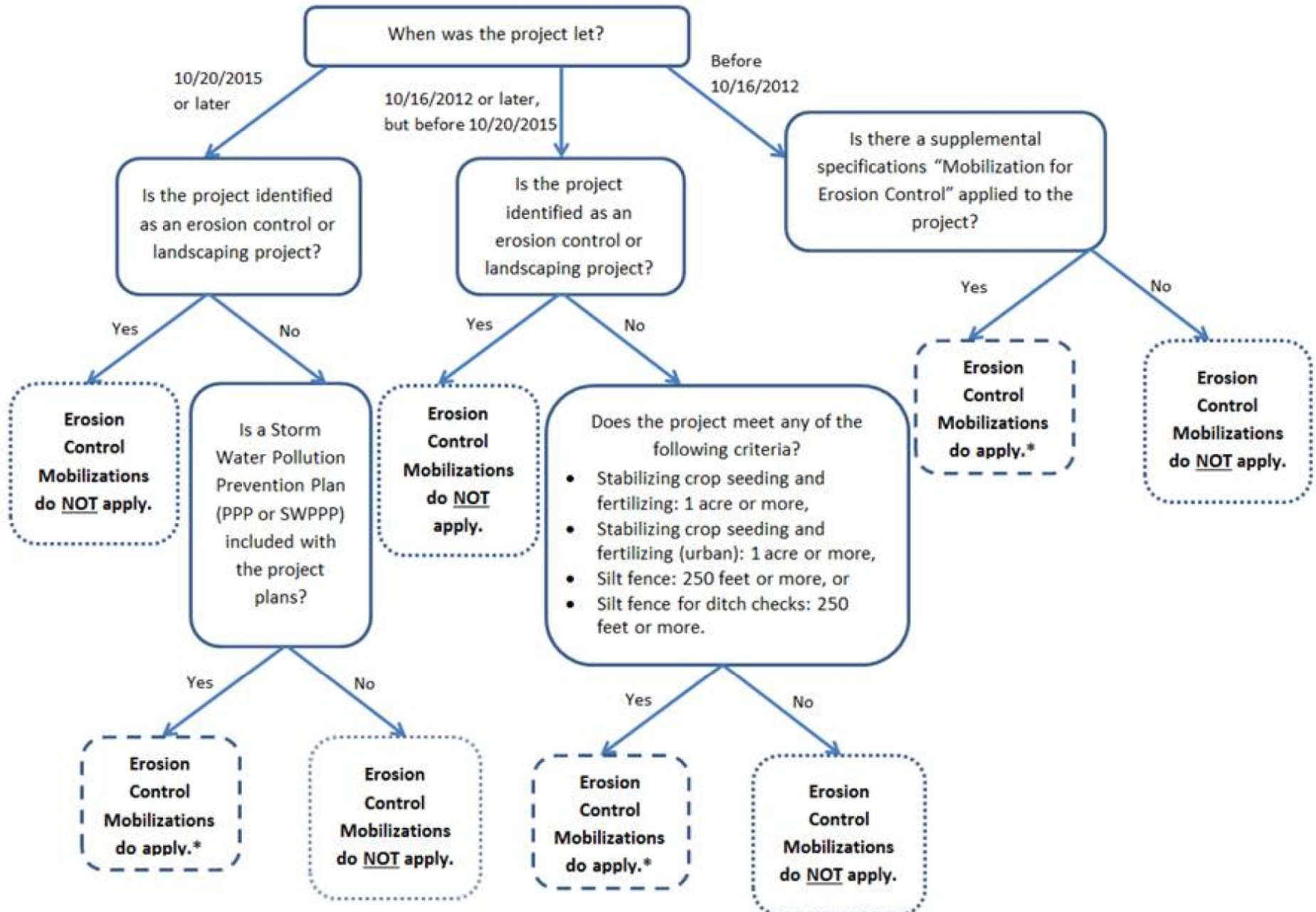
- All mulch shall be Certified Noxious Weed Seed Free Mulch as certified by the Iowa Crop Improvement Assoc. (ICIA).
  - Bales should have a white certification label securely attached to the bale

[http://www.iowacrop.org/Week\\_Free.htm](http://www.iowacrop.org/Week_Free.htm)

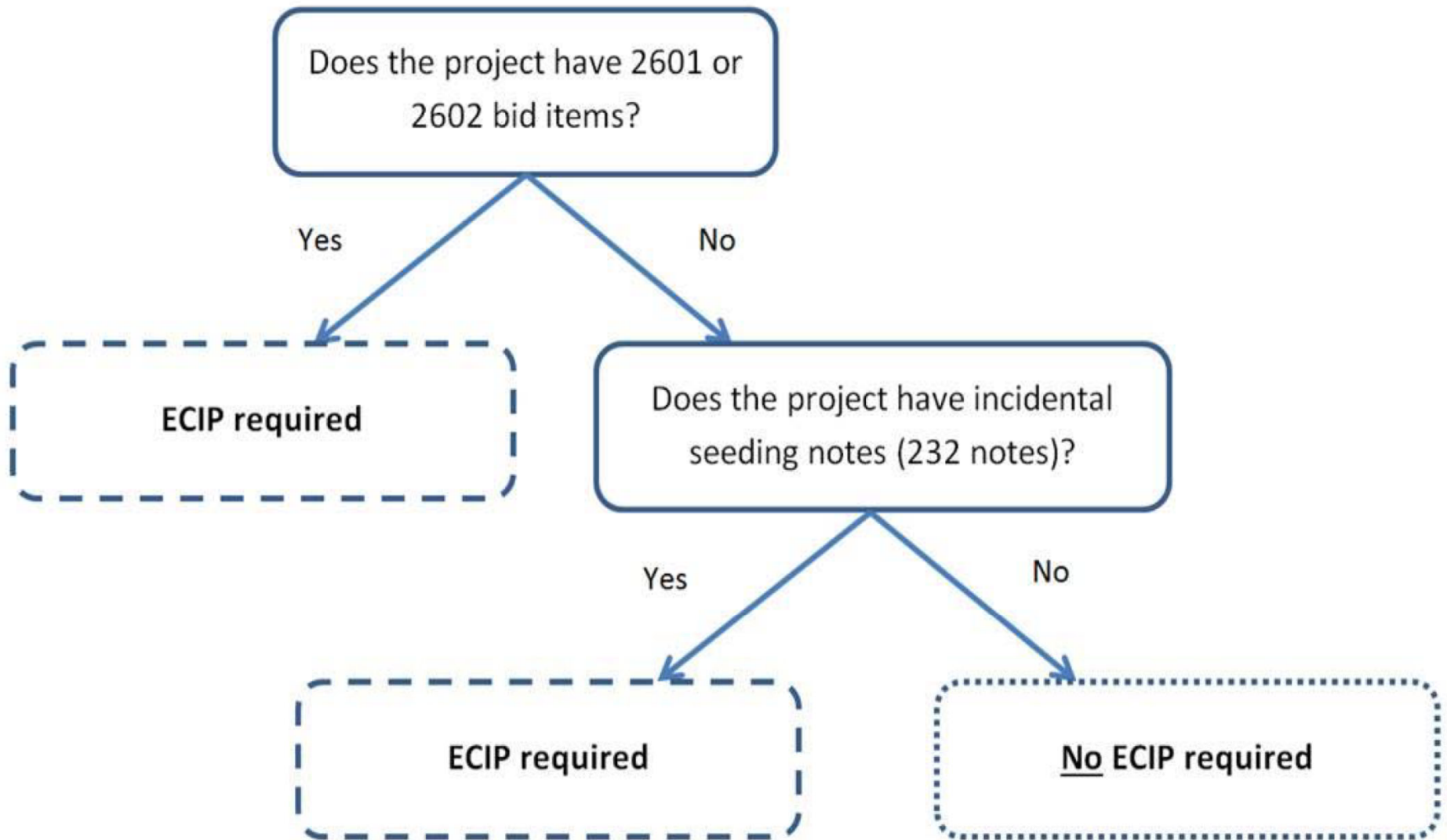
# CM 7.42 Mobilization for Erosion Control

- Article 2602.03, L
  - Mobilizations, Erosion Control, applies to projects not identified as erosion control or landscaping and contain a Storm Water Pollution Prevention Plan (SWPPP).

## Should Mobilizations for Erosion Control apply to the project?



# Is an Erosion Control Implementation Plan (ECIP) required?



# Article 2602.03, L. Mobilizations, Erosion Control

- Only one mobilization will be paid for each stage of work described in the ECIP.
- Additional mobilizations not outlined in the ECIP must be approved by the Engineer.
- Payment for mobilization to correct items not properly installed will not be approved.
  - Note: Only one mobilization will be paid per stage.

## Article 2602.03, L.

### Mobilizations, Erosion Control

- Mobilize within 72 hours of a written order.
- Complete work within 7 calendar days of a written order.
- Failure to mobilize and complete work within such time period, will result in a deduction of \$750.00 per calendar day.
- Additional mobilizations not outlined in the ECIP **must** be approved by the Engineer.



# Article 2602.03, M. Mobilizations, Emergency Erosion Control

- Emergency work requires immediate mobilization ... followed by immediate installation of temporary erosion control measures.
- Mobilize ... within eight hours of Engineer's written order to install temporary erosion control items on an emergency basis.
- Failure to mobilize within eight hours of written order, will result in a deduction of \$1500.00 per calendar day.

# Article 2602.03, M. Mobilizations, Emergency Erosion Control

- The form 830214 contains the following questions:
  - Can Correction Action(s) be made within 72 hours after inspection? If “no” document why it is impracticable. Note: The permit requires Corrective Action be completed within 7 calendar days of the inspection.
  - Date of corrective action (start within 3 days of inspection) ...

# Article 2602.0, B.

## Payment for Mobilizations

- **Mobilizations, Erosion Control**
  - The quantity will be paid for at the unit price of \$750.00 each for Mobilizations, Erosion Control
- **Mobilizations, Emergency Erosion Control**
  - The quantity will be paid for at the unit price of \$1,500.00 each for Mobilizations, Emergency Erosion Control

# Thurn Seeding, LLC

Subcontractor: THURN SEEDING, LLC

Subcontractor Vendor ID: TH329

Address: 16978 ASBURY ROAD

Division of Labor Registration: Y

DUBUQUE, IA TH329

Telephone No.: (563)584-0546

Line No.	Item Description	Quantity	Unit Price	"A"	\$ Amount	Partial Item
0280	MULCH	1.200	\$1,800.0000	\$0.00000	\$2,160.00	N
0290	SEED+FERTILIZE (RURA	1.200	\$300.00000	\$0.00000	\$360.00	N
0300	STABILIZE CROP - SEE	1.200	\$300.00000	\$0.00000	\$360.00	N
0310	TURF REINFORCEMENT M	71.000	\$60.00000	\$0.00000	\$4,260.00	N
0320	SILT FENCE	750.000	\$2.00000	\$0.00000	\$1,500.00	N
0330	RMVL OF SILT FENCE/S	750.000	\$0.01000	\$0.00000	\$7.50	N
0340	MAINT OF SILT FENC/S	75.000	\$3.00000	\$0.00000	\$225.00	N
0380	PERIMETER+SLOPE SEDI	1,080.00	\$0.50000	\$0.00000	\$540.00	N
0390	RMVL OF PERIMETER+SL	1,080.00	\$0.01000	\$0.00000	\$10.80	N
0400	MOBILIZATION	1.000	\$500.00000	\$0.00000	\$500.00	N
0410	MOBILIZATION	1.000	\$1,000.000	\$0.00000	\$1,000.00	N
0420	ROADSIDE SPRAY - WEE	1.200	\$10.00000	\$0.00000	\$12.00	N

Note: Is now \$750.00 and \$1,500.00

# Erosion Control Implementation Plan (ECIP) Worksheet

**Project No.:**

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**County:**

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**Type of Work:**

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**Prime Contractor:**

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**Water Pollution  
Control Manager  
(WPCM):**

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ECT

ESC Basics


**Phone:**

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**Erosion Control Technician (ECT) and Certification Number (unless satisfied by WPCM):**

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**Additional ESC Basics Trained Individual(s) and Company:**

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**Subcontractor responsible for installation & maintenance of erosion/sediment controls:**

**Name:**

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**Company:**


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**Address:**

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**Phone:**

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**Description of intended schedule and sequence of major land disturbing and erosion/sediment control activities (include number of mobilizations if required by specification):**

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**Include staging and maintenance, method for winter shutdown and removal of temporary measures (if required for the project). Describe any additional measures that are needed due to late season work.**

**Describe measures necessary to control erosion based on your schedule or sequence of operations. Explain how you plan to implement erosion control plan in stages. Indicate measures that must be in place before grading begins.**

**Based on your staging, are there areas where additional erosion control beyond that shown in the plans is anticipated? If so, provide information.**

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**Other:**

**Describe dewatering methods and locations. What controls will be used at the outlet?**

**Provide information regarding location and protection of stockpiles.**

**Updates:**

**Update ECIP to address changes in the order of operations or staging, weather changes, or any other changes required to comply with permit requirements.**

**Update ECIP to address changes in the number of mobilizations.**

## ECIP UPDATE CHECKLIST

	Install	Maintain	Remove	Location(s) and Schedule
Silt Fence	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Silt Fence Ditch Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Perimeter & Slope Sediment Control Device	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Rock	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Silt Basin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Stabilizing Seeding & Mulching	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Permanent Seeding & Mulching	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Other: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Other: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

# CM 7.43 Erosion & Sediment Control Training & Certification

- The Contractor is required to have an Erosion & Sediment Control Basics trained individual onsite daily during construction activities (may be subcontractor).
  - *Document in the daily diary*
- On projects where there is a NPDES storm water permit, the Contractor is required to have an Erosion Control Technician on staff.
  - Effective April 15, 2014 letting

# CM 7.43 Erosion & Sediment Control Training & Certification

- Additional information can be obtained at [https://iowadot.gov/construction\\_materials/earthwork\\_erosion/ESControl\\_training](https://iowadot.gov/construction_materials/earthwork_erosion/ESControl_training)
- A list of Erosion Control Technicians can be found at: <https://iowadot.gov/training/CertTechBook.pdf>
- A list of Erosion Control Basics training technicians can be found at: <https://iowadot.gov/training/ttcp/Erosion-Control-Basic.pdf>

# Article 2602.01 D. Water Pollution Control Quality Control

- Contractor must designate a **Water Pollution Control Manager (WPCM)** prior to initiating any construction activities.
  - Must be Iowa DOT Erosion & Sediment Control Basics (ESC Basics) web-based trained or hold a current Erosion Control (ECT) certification
- Point of contact for Contracting Authority regarding storm water compliance.

# Article 2602.01 D. Water Pollution Control Quality Control

- The WPCM shall visit the Project no less than once per week during construction activities.
  - When the Contractor is not mobilized onsite, the Contractor may delegate this responsibility to a subcontractor.



# Article 2602.01 D. Water Pollution Control Quality Control

- Maintain an ESC Basics training individual that will be onsite daily during construction activities.
  - Responsible for coordinating all erosion and sediment control operations.
  - The Contractor may subcontract this responsibility.

# Article 2602.01 D. Water Pollution Control Quality Control

- Maintain an ESC Basics training individual that will be onsite daily during construction activities.
  - Responsible for coordinating all erosion and sediment control operations.
  - The Contractor may subcontract this responsibility.

# Article 2602.01 D. Water Pollution Control Quality Control

- ESC Basics trained individual (can be the WPMC) that shall not be subcontracted include:
  - Attend required storm water inspections with the Contracting Authority.
  - Prepare required initial Erosion Control Implementation Plan (ECIP) submittal and ECIP updates.
  - Attend construction progress meetings to discuss erosion and sediment control issues.



SMARTER | SIMPLER | CUSTOMER DRIVEN

This is to certify that

**MIKE SCHROEDER**

has successfully met the testing requirements and is recognized as a

**Certified Erosion Control  
Technician**

A handwritten signature in black ink, appearing to read 'G. L. Malden', written over a horizontal line.

Program Director

**12/31/18**

Expiration Date

**EC855**

Certificate No.



# CERTIFICATE OF COMPLETION

Dan Schroeder

Has completed  
**EROSION AND SEDIMENT CONTROL**  
presented by the Iowa Department of Transportation  
Technical Training and Certification Program

Date 1-31-14





# Knowledge Check – Storm Water Management





# Knowledge Check – Storm Water Management

- How often must Storm Water Site Inspections be performed?
  - Once every seven calendar days.
- If there are deficiencies found during a Storm Water Site Inspection, by the Permit what time frame is allowed for corrections?
  - Permit requires correction actions be completed within seven calendar days following inspection.

# Knowledge Check – Storm Water Management

- Which subcontractors need to have signed Co-Permit Certification Statements on file?
  - Any subcontractors performing work that could either have potential for erosion or that are performing work to prevent erosion from happening.
- What form is completed once soil disturbing activities are completed and at least 70% of permanent seeding has been established?
  - Notice of Discontinuation

# Knowledge Check – Storm Water Management

- What are the normal periods (dates) for permanent urban and rural seeding?
  - March 1 to May 31 and August 10 to September 30.
- What are the normal periods (dates) for permanent urban and rural seeding?
  - April 1 to May 31 and November 1 until ground conditions are unsuitable for seeding due to moisture or frost.

# Knowledge Check – Storm Water Management

- If there is a major rain event that causes the erosion control measures to fail (an emergency event) and the contractor is notified to come to the site and make corrections, what is the cost for that mobilization to occur?

➤ \$1,500.00

# Knowledge Check – Storm Water Management

- If the contractor fails to respond within eight hours of the Engineer's written order to install temporary erosion control items for an emergency event, what action will be taken?
  - Failure to mobilize within eight hours of written order, will result in a deduction of \$1500.00 per calendar day.

# Knowledge Check – Storm Water Management

- Who is the point of contact for Contracting Authority regarding storm water compliance?
  - The Contractor's Water Pollution Control Manager (WPCM).