

SWPPP

(Storm Water Pollution Prevention Plan)

Informational Handout and Application Engineering Division City of Cedar Falls, Iowa



Construction Site Erosion and Sediment Control Stormwater Pollution Prevention Plan ("SWPPP")

S City of Cedar Falls

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Construction Site Erosion and Sediment Control

City of Cedar Falls, Iowa

Overview

Many types of urban activities can directly impact the health of Cedar Falls surface waters. Local developers, contractors, subcontractors, and their crews can adversely impact water quality by not properly planning ahead to keep dirt, debris, and other waste materials away from storm drains and local waterways before, during, and after construction activities. Federal law, now implemented by Cedar Falls, mandates that those who undertake construction activities provide pollution protection at their construction sites.

Federal and State Requirements

The Clean Water Act, enforced by the U.S. Environmental Protection Agency's (EPA) National Pollutant Discharge Elimination System (NPDES) permit program, was designed to control water pollution throughout the United States by regulating point and non-point sources that discharge pollutants into the waters of this nation. The Iowa Department of Natural Resources (IDNR) is tasked on the state level to enforce the US Environmental Protection Agency's NPDES stormwater regulations through a permitting process. The IDNR's stormwater program was implemented in several phases.

The first stage of the Iowa NPDES stormwater program, Phase I, addressed discharge permits for "medium" to "large" municipalities and construction activities of five (5) acres of land or more. Only Des Moines and Cedar Rapids were impacted by this first phase in the late 1990's. The second stage of NPDES, Phase II, implemented extended requirements to include some smaller municipalities and land disturbing activities of one (1) or more acres. Forty-three additional Iowa cities, including Cedar Falls, are now required to administer stormwater quality programs throughout their communities.

What is Required in Cedar Falls?

As a requirement of Cedar Falls' NPDES Separate Storm Sewer System (MS4) permit (in 2003), an approved Stormwater Pollution Prevention Plan (SWPPP) must be obtained from the City of Cedar Falls Engineering Division using Best Management Practices (BMPs) implemented prior to any construction activities that will disturb one (1) or more acres and for construction activities of any size within a larger residential development, aka – single family homes. An approved City SWPPP must also be obtained for any new impervious surface area for any commercial, industrial, institutional or other construction project; including parking lots and commercial additions. The SWPPP approval and inspection process are designed to prevent stormwater pollution to the maximum extent possible and ensure that all Cedar Falls construction activities comply with the NPDES General Permit #2 for Industrial Activities Associated with Construction Activities. This includes filling and grading agriculturally zoned land as the Ag exemption is only for field work (disking, planting, cultivating) and for installing NRCS designed erosion control measures such as terraces.



Construction Site Erosion and Sediment Control Requirements

City of Cedar Falls, Iowa

A) Contractors of Construction Projects of One (1) or More Acres

- 1) Apply for an Iowa Department of Natural Resources (IDNR) National Pollution Discharge Elimination System (NPDES) permit.
 - a) All prospective owners or operators of construction projects that will disturb one (1) or more acres of total land area must apply for coverage under the Iowa Department of Natural Resources (IDNR) NPDES General Permit #2 for "Industrial Activities Associated with Construction Activities" prior to construction.
 - b) The IDNR NPDES permitting process requires the development of a Stormwater Pollution Prevention Plan (SWPPP) and the submission of a Notice of Intent (NOI).
 - c) Inquire about the IDNR Stormwater program at:

Website:

http://www.iowadnr.gov/InsideDNR/RegulatoryWater/NPDESStormWater.aspx Stormwater Forms downloaded at:

http://www.iowadnr.gov/InsideDNR/RegulatoryWater/NPDESStormWater/GuidanceApplicationForms.aspx Phone: (515) 281-7017

2) Submit a SWPPP to the City of Cedar Falls Engineering Division for Approval

- a) During the Iowa Department of Natural Resources (IDNR) stormwater permitting process, a SWPPP must be submitted to the City of Cedar Falls Engineering Division for approval. (A SWPPP Application Form is included in this handout.)
- b) SWPPP Approval is dependent upon the following:
 - 1. A properly completed SWPPP application, including items in **B)2)a) 1-5** of the Construction Site Erosion and Sediment Control Requirements listed below.
 - 2. A signed Winter Attachment (if construction will span the winter months)
 - 3. Minimum 11" x 17" site plan that details all required site stormwater pollution prevention controls; Best Management Practices (BMPs).
 - 4. A copy of the IDNR NOI
 - 5. A copy of the issued IDNR General Permit #2
 - 6. Approved site plan and detention calculations
 - 7. Approved Maintenance & Repair Agreement for approved water quality and quantity treatment facilities.
- c) Construction activities may commence once the proper installation of required Best Management Practices (BMPs) have been inspected by Engineering staff and aforementioned items have been approved.



Construction Site Erosion and Sediment Control Requirements

City of Cedar Falls, Iowa

B) Contractors of Single-Family Lots in Residential Developments

- 1) Locate the Development's stormwater information.
 - a) Contact the residential development's current owner or the individual from whom the property was purchased in order to obtain the following stormwater information:
 - 1. Subdivision NPDES GP #2 Landowner must sign onto the Developer's SWPPP/NPDES permit as a general contractor as do all of the contractors that are responsible for any part of the SWPPP with the Co-Permittee form.
 - 2. If the developer has transferred responsibility to each landowner prior to construction, each new landowner has to apply for their own NPDES permit no matter how small the lot. The developer should have a copy of the transfer of responsibility with his SWPPP, a copy should be filed with the City and a copy should be sent to the DNR.
 - 3. Subdivision site grading plan
 - b) For additional information on a development's stormwater compliance process, refer to "A) Contractors of Construction Projects of One (1) or More Acres.
- 2) Submit a SWPPP to City of Cedar Falls Engineering Division for Approval (A SWPPP Application Form is included in this handout.)
 - a) The Engineering Division requires the following documents to be submitted in order to obtain approval of the SWPPP:
 - 1. A properly completed SWPPP application
 - 2. A signed Winter Attachment (if construction will span the winter months)
 - 3. Site Inspection Form Template
 - 4. An 11 X 17 site plan that details all required site stormwater pollution prevention controls; Best Management Practices (BMPs).
 - 5. Documentation stating that the landowner has signed onto the development's NPDES GP#2 or that they have signed a transfer of responsibility and taken out their own NPDES permit, no matter how small the lot.
 - b) Construction activities may commence once the proper installation of required Best Management Practices (BMPs) have been inspected by Engineering Division personnel and the items listed above have been approved.



Construction Site Erosion and Sediment Control Requirements

City of Cedar Falls, Iowa

C) Post Construction Stormwater Control Ordinance Requirements

- When a development plan is submitted to the city that qualifies as a development or redevelopment, the procedures and requirements of <u>section 27-405</u> of Chapter 27, Article VI of Code of Ordinances shall be followed. Final authorization of all development and redevelopment projects shall be determined after a review by the city. Plans that must comply with <u>section 27-405</u> are:
 - a) Land disturbing activity exceeding 43,560 square feet in area on land previously vacant of buildings or largely free of previous land disturbing activity other than traditional agricultural activities;
 - b) Land disturbing activity creating 5,000 square feet in area or more of impervious cover;
 - c) Land disturbing activities that are smaller than the minimum square feet applicability criteria set forth in this subsection, if such activities are part of a larger common plan of development that may or may not take place at the same time;
 - d) Land disturbing activity exceeding 25,000 square feet in area where the existing land is being redeveloped

D) City of Cedar Falls Contacts

Amy Kay

E-mail: Amy.Kay@cedarfalls.com

Terra Ray

E-mail: Terra.Ray@cedarfalls.com

Randy Lorenzen, P.E.

E-mail: Randy.Lorenzen@cedarfalls.com

1. All of the above are in the **City of Cedar Falls Engineering Division** at:

220 Clay Street Phone: (319) 268-5161 Cedar Falls, IA 50613 Fax: (319) 268-5197



Stormwater Pollution Prevention Plan (SWPPP) Resource List

City of Cedar Falls, Iowa

A) Publications

Iowa Erosion Control Document - Iowa Construction Site Erosion Control (.PDF) http://www.ctre.iastate.edu/erosion/

Iowa Statewide Urban Design And Specifications (SUDAS) Manual http://www.iowasudas.org

B) Agencies and Associations that can offer technical assistance:

Iowa Stormwater Partnership http://www.iowastormwater.org/

International Erosion Control Association http://www.ieca.org/

Natural Resources Conservation Service http://www.nrcs.usda.gov/

NOAA's National Weather Service Weather Forecast Office http://www.nws.noaa.gov/climate/index.php?wfo=dvn

United States Geologic Service http://www.usgs.gov/

C) City of Cedar Falls

http://www.cedarfalls.com

PUBLICATIONS:

Ordinance Sec. 20-262 & 20-263, (control / weeds & grasses)

Ordinance No. 2569, Stormwater Management Program

Ordinance No. 2570, Illicit Discharge Detention and Elimination

Ordinance No. 2595, Construction Site Erosion and Sediment Control

Ordinance No. 2718, Post Construction Runoff Control



STORMWATER POLLUTION PREVENTION PLAN (SWPPP) APPLICATION FORM

(please print)

Modified 11/05/2013

City of Cedar Falls Engineering Division 220 Clay Street Cedar Falls, IA 50613 Ph. (319) 268-5161 Fax (319) 268-5197

applicant:			
		State:	Zip:
E-mail:	Day Phone: ()	Cell Phone: ()
Contractor:			
Address:	City:	State:	_ Zip:
E-mail:	Day Phone: ()	Cell Phone: ()
Applicant's Designated Age	ent (24-hour contact name):		
Address:	City:	State:	Zip:
E-mail:	Day phone: ()	Cell Phone: ()
FIAL ALL OF THE FO A State NPDES General I	Permit #2 is required for this site.		
TIAL ALL OF THE FO A State NPDES General F The authorization number	DLLOWING THAT APPLY:		
A State NPDES General F The authorization number (If your lot is within a r As a contractor	Permit #2 is required for this site. er for this current permit is	be permitted. Check with cation statement as a co	Developer for
A State NPDES General F The authorization numbe (If your lot is within a r As a contractor developer's per	Permit #2 is required for this site. er for this current permit is residential or commercial subdivision it must r or subcontractor I have signed the certifi	be permitted. Check with cation statement as a co	Developer for
A State NPDES General F The authorization number (If your lot is within a reconstruction developer's performance of the contraction developer's performa	Permit #2 is required for this site. Permit #2 is required for this site. Per for this current permit is Presidential or commercial subdivision it must Per or subcontractor I have signed the certification and a copy shall be provided to the City and accepted a transfer of liability. Per accepted a transfer of liability and agreed to appliance. Written evidence of this transfer we	be permitted. Check with cation statement as a cost part of this application.	Developer for permittee to sible permittee
A State NPDES General F The authorization number (If your lot is within a reduced of the second of t	Permit #2 is required for this site. Permit #2 is required for this site. Per for this current permit is Presidential or commercial subdivision it must Per or subcontractor I have signed the certification and a copy shall be provided to the City and accepted a transfer of liability. Per accepted a transfer of liability and agreed to appliance. Written evidence of this transfer we	be permitted. Check with cation statement as a cost part of this application. To become the sole responsivill be provided to the Citchich includes this proper	Developer for permittee to sible permittee the as part of erty is the
A State NPDES General F The authorization number (If your lot is within a reduced open and the stormwater contains application. In a stormwater contains a sto	Permit #2 is required for this site. Per for this current permit is residential or commercial subdivision it must r or subcontractor I have signed the certification and a copy shall be provided to the City at re not accepted a transfer of liability. re accepted a transfer of liability and agreed to the mpliance. Written evidence of this transfer waddition: vater Pollution Prevention Plan (SWPPP) water	be permitted. Check with a cation statement as a cost part of this application. To become the sole responsivill be provided to the Citath and the cost properties of the cost properti	Developer for permittee to sible permittee ity as part of erty is the
A State NPDES General Formula authorization number (If your lot is within a research developer's permanent of the stormwater contained application. In a stormwater contained application.	Permit #2 is required for this site. Per for this current permit is residential or commercial subdivision it must r or subcontractor I have signed the certification and a copy shall be provided to the City as re not accepted a transfer of liability. re accepted a transfer of liability and agreed to a transfer of this transfer we had a transfer with a copy shall be provided to the City and agreed to a transfer of this transfer we had a transfer of this transfer of this transfer we had a transfer of this transfer of t	be permitted. Check with cation statement as a consistence of this application. To become the sole responsivil be provided to the Circhich includes this properately cately, and a current copition, continued compliance	Developer for permittee to sible permittee to sible permittee ity as part of erty is the control of the control

STORMWATER POLLUTION PREVENTION PLAN (SWPPP) APPLICATION FORM (con't)

- By signing this document, the applicant understands:
 - 1. This SWPPP must be approved prior to any land disturbing activity.
 - 2. The controls indicated on the Stormwater Pollution Prevention Plan (SWPPP) must be in place, maintained, and changes recorded.
 - 3. Prior to any land disturbing activities, (unless required to install the controls) the site must be inspected by the enforcement official and the controls must have passed.
 - 4. By signing, Applicant assumes all responsibility for the Stormwater Pollution Prevention Plan (SWPPP), and amendments.
- I have read and understand the conditions of this application and I am authorized to agree and attest to all the conditions and all their particulars.

Applicant's Signature	:	Date:				
City Use Only:						
NPDES Permit #:		Permittee	☐Co-Permittee	☐Transfer-Permittee		
Additional Requirements						
City approval by:			Date:			
Approval Fee: 1) Subdivision or other initial development	\$50.00	per gross acre for the max. acreage o simultaneously exposed during or o development (to be paid before preli approval)	ther initial	x \$50.00 =		
a.	\$100.00	per single-family residential dwellin	g	x \$100.00 =		
2) Subsequent b.	\$100.00	per two-family residential dwelling		x \$100.00 =		
development of a lot or parcel of the	\$50.00	per residential dwelling for a multi-u	unit apt. complex	x \$50.00 =		
original tract	\$50.00	per residential unit for a townhouse	complex	x \$50.00 =		
c.	\$10.00	Per 1,000 square foot of any impervious for any commercial, industrial, instit construction project; including park commercial additions	tutional or other	x \$10.00 =		
3) Commercial Remodels	no fee	An abbreviated application is requir possible illicit discharge materials; coetc.		÷		
(the application fee under	category	2) above shall be paid before issuance	of a building permit for	the project)		

Failure to identify a SWPPP deficiency during this review of the plans does not give the permit applicant the right to violate the NPDES General Permit No. 2 or the City's storm water regulations.

Any project with on-site detention must have, at a minimum, the basin excavation completed and a meeting with the enforcement official to establish a timeline for SWPPP completion.

To final out your SWPPP permit <u>all</u> disturbed areas from your construction project must have established vegetation with 70% density. Call the City of Cedar Falls Engineering Department to request a final inspection. 268-5161



Project Address:

Insulation

Paint

Rough Sheetrock Finish Sheetrock

Interior Finish Landscaping

Lot Number, Subdivision:

STORMWATER POLLUTION PREVENTION PLAN (SWPPP) SCHEDULING FORM - REQUIRED INFORMATION

CITY OF CEDAR FALLS, IOWA

Project Subcontractors and Estimated Scheduling

FYI: The IDNR General Permit #2 Part lv.D.7A states, "The stormwater pollution prevention plan must clearly

City of Cedar Falls Engineering Division 220 Clay Street Cedar Falls, IA 50613 Ph. (319) 268-5161 Fax (319) 268-5197

Subcontractors	Name (print)	E-mail (print)	or	Phone #
Erosion Control	-	-		
Weed/grass control				
Excavation				
Plumbing				
Foundation				
Flatwork				
Electrical				
Roofing				
Framing				
Siding				
Mechanical				
Landscape				
Dumpster				
Portable Toilet				
Sequence of Construction	Activities:	SWPPP Controls*		Date (Approx
Excavation				
Walls				
Site Work				
Waterproofing, tile, backfil	lling			
Flatwork				
Framing				
Roofing				
Brick work				
Drive & Walks				
Rough-ins				
Siding				



Stormwater Pollution Prevention Plan (SWPPP) Check List

City of Cedar Falls, Iowa

Project & Activity Description	Please address all items on the checklist					:	
What is the nature of your project?		Single-Family	☐Multi-Family	y □Si	ubdivisio	n 🗆 (Other
What is the site area? (in acres)				•			
How much of the site area will be disturbed?		Total site area	□Other:				
What is the water path from your site to the Cedar River?			l				
1	l						
		Scrape streets	□Sweep streets		☐Maintain rock entrance + Other		
How will you minimize tracking on site?		h loader bucket	weekly/befor		entrance + Other		
How will you minimize dust generation on site?	Seed long term □Water truck with stockpiles sprayer			□Other			
Who will be maintaining the concrete washout?							
Who will be updating the SWPPP & inspecting the site?							
How will you establish final vegetation on your site?	□ŀ	Hydroseed + Hydr	omulch		□Sod	□Seed	+Mulch
Disturbed areas adjacent to your site must be replaced with vegetation. How will you do this?	□H	Hydroseed + Hydr	omulch		□Sod	□Seed	+Mulch
Attach a signed copy of the "Winter Attachment" to the SW	PPP	when the project	schedule spans a	winter se	ason.		
Where are you hauling excess fill?		• •			□ N/A		
Where are you borrowing from?					□ N/A		
How will you minimize tracking and dust generation at		Stabilized	□Stabilize □Water		truck	Other	
off-site locations?]	Entrance	Stockpiles		prayer	⊔Otner	N/A
Who will be maintaining an off-site erosion control?		Prime Contractor	□Other	□Subco	ntractor	□ N/.	A
Site Plan		Please illus	strate all list	ed item	s on yo	our site	plan
Direction of storm water flow (indicate with arrows)							
All storm water erosion and sedimentation controls		☐ (silt fence, mu	ılch berms, sedir	nent basin	, inlet pro	otection,	etc.)
A key indicating plan features							
Limits of disturbance and north arrow							
Streams or wetlands adjacent to the site							
Stabilized entrance/exit							
		☐ (Facilities ma					
Porta Potty location		☐ (If sanitary fa	cilities will be lo	cated off	site pleas	e indicate	so)
Waste disposal location							
Stockpile location							
Secondary containment (if oils, gas and other chemicals will be stored on site)	1						
Concrete washout location							
Other Requirements							
Include a copy of your NPDES General Permit No. 2							
Installation of BMPs shall comply with SUDAS design stan	dard	shttp://www.iowa	asudas.org/desig	n.cfm#ch	nap7		
Inspections shall be done by qualified personnel (province hours after a 0.5" rain event						l within	24
Include and post this contact information:		(City of Cedar Fa	lls Fire De	epartment	(319) 2	73-8622
•	515				•		
Iowa Department of Natural Resources (515) 281-5918 (call if hazardous material or contamination is discovered)							



Certification Statement for Co-Permittee

NPDES Permit #

For RESIDENTIAL and COMMERCIAL lots with an NPDES GP #2, the following contractors must sign a statement:

■Erosion Control ■Excavation ■Concrete (foundation & flatwork) ■ Framing ■Dumpster ■Porta Potty ■Inspector (if other than the applicant)

I certify under penalty of law that I understand the terms and conditions of the general National Pollutant Discharge Elimination System (NPDES) permit that authorizes the stormwater 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 copermittee, 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 "Stormwater Discharge Associated with Industrial Activity for Construction Activities" at the identified site. As 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 Stormwater Pollution Prevention Plan (SWPPP) developed under this NPDES permit and the terms of this NPDES permit.

Name and Title of Co-Permittee (print):	
Co-Permittee Signature:	Date Signed:
Contracting Firm Name (print):	
Contracting Firm Address (print):	
Contracting Firm Telephone #:()	
Contracting Firm E-mail (required):	
Address or Legal Description of the Site (print):	
I am responsible for this part of the SWPPP:	
Ex. Lot 15 excavation, Lots 1-30 seeding, Rolling Ridges 5th	porta potty services, Lot 2 foundation and paving
I certify under penalty of law that I understand the terms Elimination System (NPDES) permit that authorizes the state construction site as part of this certification. Further, permittee, along with the owner(s) and other contractors Department of Natural Resources NPDES General Permit Activity for Construction Activities" at the identified site. legally required under the Clean Water Act and the Code of	s and conditions of the general National Pollutant Discharge ormwater discharges associated with industrial activity from by my signature, I understand that I am becoming a cost and subcontractors signing such certifications, to the Iowa No. 2 for "Stormwater Discharge Associated with Industrial As co-permittee, I understand that I, and my company, are flowa, to ensure compliance with the terms and conditions of oped under this NPDES permit and the terms of this NPDES
permit.	
Name and Title of Co-Permittee (print):	
Co-Permittee Signature:	Date Signed:
Contracting Firm Name (print):	
Contracting Firm Address (print):	
Contracting Firm Telephone #:()	
Contracting Firm E-mail (required):	

Ex. Lot 15 excavation, Lots 1-30 seeding, Rolling Ridges 5th porta potty services, Lot 2 foundation and paving

Address or Legal Description of the Site (print): I am responsible for this part of the SWPPP:



Certification Statement for Co-Permittee

NPDES Permit #	

For RESIDENTIAL and COMMERCIAL lots under 1 acre and NPDES GP #2 holders, the following contractors must sign a statement:

Erosion Control

Excavation

Concrete (foundation & flatwork)

Framing

Dumpster

Porta Potty

Inspector (if other than the applicant)

I certify under penalty of law that I understand the terms and conditions of the general National Pollutant Discharge Elimination System (NPDES) permit that authorizes the stormwater 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 copermittee, 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 "Stormwater Discharge Associated with Industrial Activity for Construction Activities" at the identified site. As 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 Stormwater Pollution Prevention Plan (SWPPP) developed under this NPDES permit and the terms of this NPDES permit.

Name and Title of Co Pormittee (print).	
Name and Title of Co-Permittee (print):	Data Ciarra J.
Co-Permittee Signature:	Date Signed:
Contracting Firm Name (print):	
Contracting Firm Address (print):	
Contracting Firm Telephone #:()	
Contracting Firm E-mail (required):	
Address or Legal Description of the Site (print)):
I am responsible for this part of the SWPPP:	
Ex. Lot 15 excavation, Lots 1-30 seeding, Rolling Ric	dges 5th porta potty services, Lot 2 foundation and paving
<u>Certification</u>	Statement for Co-Permittee

I certify under penalty of law that I understand the terms and conditions of the general National Pollutant Discharge Elimination System (NPDES) permit that authorizes the stormwater 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 copermittee, 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 "Stormwater Discharge Associated with Industrial Activity for Construction Activities" at the identified site. As 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 Stormwater Pollution Prevention Plan (SWPPP) developed under this NPDES permit and the terms of this NPDES permit.

Name and Title of Co-Permittee (print):	
Co-Permittee Signature:	Date Signed:
Contracting Firm Name (print):	
Contracting Firm Address (print):	
Contracting Firm Telephone #: ()	
Contracting Firm E-mail (required):	
Address or Legal Description of the Site (print):	
I am responsible for this part of the SWPPP:	
<u> </u>	

Ex. Lot 15 excavation, Lots 1-30 seeding, Rolling Ridges 5th porta potty services, Lot 2 foundation and paving



Stormwater Pollution Prevention Plan (SWPPP) Site Inspection Sheet City of Cedar Falls, Iowa

Note: Regular, timely inspections are CRITICAL. Conduct inspections weekly and after every rainfall event of one-half (1/2) inch or more. If it is determined that deficiencies exist, they are to be addressed as soon as practical. All changes to the SWPPP must be recorded on site documentation.

Site Location: Signature:		routine weekly inspection			
		☐ precipitation event inspection			
Inspected by (print name, qualifications and title):	Date:				
General Contractor: Time	(or time	since en	hours		
	Date	Yes/No	Note any problems ident	ified/acti	ion taken
➤ Objective: Keep the soil in place			<u></u>		
Are all erosion prevention practices in place and functioning? (mulch, seeding, blankets, etc)					
Are all exposed soils protected from erosion through acceptable soil stabilization practices?					
Is the site seeded and mulched or blanketed? (Include seeding dates & estimated percentage of cover established)					
Are all erosion control devices in place and functioning according to the stormwater pollution prevention plan?					
➤ Objective: Keep any sediment on site					
Are sediment traps, barriers and basins clean and functioning properly?					
Is sediment prevention in place at the site perimeter and around storm drain inlets?					
Are all discharge points free of any noticeable pollutants?					
Are all sediment, mud and debris being kept from public roads? Ensure that there are adequate provisions to prevent mud tracking off site. Ensure that there is a stable, rocked entrance to and from the site.					
Is on-site traffic properly routed with parking and storage restricted to designated areas?					
➤ Objective: Note any other concerns					
Note weather conditions (Are dust control measures appropriately implemented?)					
Are materials, supplies, chemicals, portable toilets, fuel tanks paints, solvents and trash in approved areas and protected from erosion and spills?					
Are designated concrete wash-out and storage & maintenance areas for material handling equipment, clean and free of spills and leaks?					
Note any Best Management Practices (BMPs that have failed and corrective actions taken.)					
SWPPP Contractor Designee			Date		



City of Cedar Falls, Iowa

As required by the City of Cedar Falls National Pollution Discharge Elimination System (NPDES) General MS4 Permit # 07-09-0-03 and Ordinance # 2569, #2570, and #2595, the following requirements serve to the maximum extent possible (MEP) to prevent the pollution of surface water runoff from construction projects by keeping pollution out of the storm sewer inlets, by reducing the exposure and discharge of materials and wastes to stormwater, and by reducing erosion and sedimentation.

FYI: The US EPA reports that sediment runoff rates from construction sites are typically 10 to 20 times greater than that of agricultural lands and 1,000 to 2,000 times greater than those of forest lands. ¹

Applicant, Contractor and Owner shall comply with the following requirements:

- A) <u>Stormwater Pollution Prevention Plan (SWPPP)</u>
 - 1) SWPPP documents must be available for all regulatory inspections. An up-to-date copy of the applicable SWPPP shall be kept at all individual sites. If a Development SWPPP will be utilized by a Co-permittee² or Transfer-permittee³ a copy of the original SWPPP must be kept on site or at a readily accessible location.
 - 2) Relevant on-site documents shall at a minimum include an updated SWPPP site plan and the weekly/storm inspection forms.
 - 3) Unless otherwise specified, the SWPPP documents must be kept for three (3) years by the permittee.

B) Scheduling

- 1) Land shall not be disturbed until it is necessary for construction to begin (i.e., the start date specified on the SWPPP application). The Applicant's Agent shall implement site SWPPP controls for the initial erosion and sediment site controls as indicated per the application prior to the start of any construction activity.
- 2) The Contractor must continue to incorporate erosion and sediment control items in the construction schedule, at a minimum (additional or alternate control items may become warranted later on a case by case basis).
- 3) Seasonal weather changes shall be considered when outlining the intended sequence of construction activities.

C) <u>Training and Awareness:</u>

1) Contractor shall train all Employees and Subcontractors on the stormwater pollution prevention requirements contained in these specifications and those contained in any other pertinent regulatory requirements (i.e. City of Cedar Falls Construction Site and Sediment Control Ordinance and the Stormwater Pollution Prevention Plan (SWPPP).

¹ NPDES Phase II Stormwater Fact Sheet 2.6 USEPA, January 2006

² Per the IDNR General Permit #2 Part II Section F, "Transfer of Coverage Under This Permit" (2012-2017), a Co-permittee is a party who has taken ownership of a property or a portion thereof covered under a current NPDES permit, and has assumed duel responsibility of all applicable stormwater regulatory compliance with the original NPDES permittee. The original SWPPP reflects the change(s)

³ A transfer-permittee has not only taken ownership of a property or portion thereof currently covered under a current NPDES permit, but has also taken sole responsibility in writing for the compliance with all applicable stormwater regulations. The official notice of transfer of responsibility has been submitted to the Iowa Department of Natural Resources (IDNR) and the original SWPPP reflects the change(s)



City of Cedar Falls, Iowa

D) <u>Monitoring</u>

- 1) Contact the City of Cedar Falls, Engineering Division, by phone: (319) 273-5161 for SWPPP site changes, monitoring form specifications, and/or examples of site Best Management Practices (BMP's). SWPPP changes must be reported within 24 hours of the change.
- 2) Inspections
 - a. Applicant's Designated Agent shall monitor the effectiveness of the Best Management Practices (BMP's) used on site every seven (7) days (on maximum).
 - c. All inspections shall be documented and verify the status and effectiveness of all SWPPP controls.

Activity Specific Requirements:

- A) <u>Erosion and Sediment Controls</u>
 - 1) Properly install upstream diversions, down-slope, side-slope, and perimeter controls before grading or excavating begins.
 - a. Upstream diversions redirect surface water away from areas where topsoil will be removed during construction.
 - b. Down-slope, side-slope, and perimeter controls prevent soil laden stormwater from leaving the site prior to the removal of sediment. Perimeter controls shall not be removed until upstream or upslope areas are stabilized with permanent vegetation.
 - c. If infiltration methods are used to contain surface water, they will be installed after the upstream areas of the site are stabilized. For example, if a detention basin is going to capture stormwater then ground cover needs to be established up-slope of the basin. The Applicant's Agent may use a planned "dry" detention basin as a sediment trap provided the diameter of the outlet pipe is such that a hickenbottom riser wrapped in silt fence can be attached as a trap, provided the City Engineer has pre-approved it as a Best Management Practice (BMP) and sedimentation is timely cleaned.
 - 2) All disturbed areas shall be properly covered, stabilized, and/or protected.
 - a. To the maximum extent possible, cover stockpiled soil to prevent runoff.
 - b. All stockpiled soil and bare ground must be seeded between fifteen (15) and twenty-one (21) days after the end of land disturbing activity. (Stockpile Protection)
 - c. Divert surface water away from disturbed areas using earth dikes, brush barriers, straw bales, and drainage swales.
 - d. Protecting land areas from concentrated flows that can erode vegetated areas using gabions, reinforced soil retaining systems, and rock outlets.



City of Cedar Falls, Iowa

- 3) Practices to minimize the removal of sediment from the site during general construction activities and subsequent illicit discharges to local MS4's and surface water include:
 - a. Fiber rolls and/or silt fence Contractor shall install fiber or silt fence at the perimeter of the site before all construction activity to control rainwater run-on to the site and run-off from the site.
 - b. Stabilized Construction Entrance/Exit
 - a. Minimize off-site tracking of sediment using a rocked entrance/exit or tire wash and identifying limited parking areas to keep vehicles off bare soil.
 - b. Install a stabilized entrance/exit to minimize the tracking of mud and dirt onto adjacent streets by construction vehicles. Length and width to be as large as practically possible. Depth of stabilized entrance shall be at least six (6) inches using no less than a two (2) inch un-graded material.
 - c. Storm Drain Inlet Protection/Filters Contractor shall install temporary storm drain inlet protection or filters to improve the quality of water being discharged to the inlets or catch basins or prevent sediment from migrating into the Storm Sewer (MS4) system. On existing intakes, protection utilized shall extend beyond each end of the opening by two (2) feet. The installation shall be substantial enough to remain in place throughout storm events. Filters shall be maintained and cleaned.
 - d. Use a street cleaner or skid loader with a flat blade to remove large amounts of sediment from street surfaces immediately after tracking or runoff is identified. Contractor shall sweep area adjacent to site at the end of each work day to ensure all material is removed. No material shall be swept into intakes.

Concrete, Grout, and Mortar Waste Management

A) <u>Material Management</u>

All Contractors shall store concrete, grout, and mortar away from drainage areas and ensure that these materials do not enter the Storm Sewer (MS4) system; cover and protect from rainfall and to prevent run-off.

- B) Concrete Truck/Equipment wash out
 - 1) Contractor(s) shall not wash out concrete trucks or equipment into street dead ends, right-of-ways, gutters, storm sewer inlets, waterways, creeks or any location where the materials could reach the storm sewer (MS4) system. Rocked cul-de-sacs are not approved wash out areas. All deposited materials shall be removed and properly disposed of at the completion of work.
 - 2) Wash out concrete trucks and/or equipment only in a designated, confined washout area where the water will flow into a temporary pit in a dirt area or onto stockpiles of aggregate base or sand. This area must be an identified location.
 - 3) Collect and return sweepings from exposed aggregate concrete to a stockpile or dispose of the waste in a trash container.



City of Cedar Falls, Iowa

C) <u>Dewatering Operations & Sediment Control</u>

(The removal of collected non-stormwater from a work site)

- 1) Contractor(s) shall route water through a control measure such as a sediment trap, sediment basin or filter bag to remove settle-able solids prior to discharge directly to a storm sewer inlet or an upstream gutter. Direct discharge to streets, gutters, storm sewer inlets, waterway, creeks or any route leading to these items is prohibited.
- 2) Discharge to a landscaped area must gain the pre-approval of the City Engineer after a work site review on a case by case basis.
- 3) Water must be withdrawn from the surface when discharging from basins.

D) Painting

- 1) Painting Cleanup Contractor shall conduct cleaning of painting equipment and tools in a designated area that will not allow run-on of stormwater or runoff of spills. Contractor shall not allow wash water from cleaning of painting equipment and tools into streets, gutters, storm inlets, waterways or creeks.
- 2) Oil based paint Contractor shall dispose of waste thinner, solvent, and sludge from cleaning of equipment and tools as hazardous waste.
- 3) Waste Management
 - a. Contractor(s) shall store paint, solvents, chemicals, and waste materials in compliance with the requirements of the Applicant's Agent and all applicable Federal, State, and County regulations. Contractor shall store these materials in a designated area that will not allow run-on of stormwater or run-off of spills.
 - b. Contractor(s) shall dispose of dry empty paint can/buckets, old brushes, rollers, rags, and drop clothes in an trash receptacle appropriate for the material by law.

General Requirements

A) Paving Operations and Saw Cutting Activities

- Project Site Management Cover or capture sediment at all catch basins using control measures such as filter fabric, straw wattles, sand bags, and fine gravel dams, as necessary to keep paving material or cutting slurry out of the storm drain system. When protecting a catch basin, ensure the entire opening is covered.
- 2) Waste Management Contractor(s) shall not sweep or wash down excess materials or wash down new surfaces into gutters, storm sewer inlets, waterways or creeks.

B) <u>Non-hazardous Material/Waste Management</u>

- 1) Designated Area Propose designated areas of the project site, for pre-approval by the City Engineer, which are suitable for material delivery, storage, and waste collection that, to the maximum extent practical, are near construction entrances and away from storm sewer inlets, gutters, drainage courses, and creeks.
- 2) Granular Material (i.e. any excavated or imported earth, sand, aggregate base, etc.)
 - a. Contractor(s) shall store granular material at least ten (10) feet away from storm sewer inlets or curb returns. All materials shall be kept clear of gutters, swales, and drainage channels. No stockpiling of any materials is allowed in the street.



City of Cedar Falls, Iowa

- b. When rain is in the forecast for the upcoming twenty-four (24) hour period and stored granular material is a potential point source for an illicit discharge, the stored material must be covered with tarpaulin or plastic sheeting and surrounded with sandbags to prevent sediment migration.
- c. Street Sweeping At the end of each working day or as directed by the City Engineer, Contractors shall clean and sweep public roadways and public right-of-way sidewalks of all materials attributed to site work. All materials encountered shall be completely removed and swept up. Sweeping into intakes is not allowed. Contractor shall not use water to flush down the street(s) or sidewalk(s).

d. Disposal -

- 1. At the end of each working day, Contractor(s) shall collect all scrap, debris, and waste materials and dispose of such material properly.
- 2. Inspect all utilized dumpsters for leaks. If material is leaking from any dumpster, the dumpster shall be replaced/repaired to prevent further discharges. Dumpster waste may not be discharged on-site.
- 3. Contractor(s) shall arrange for regular waste collection before any dumpster overflows.

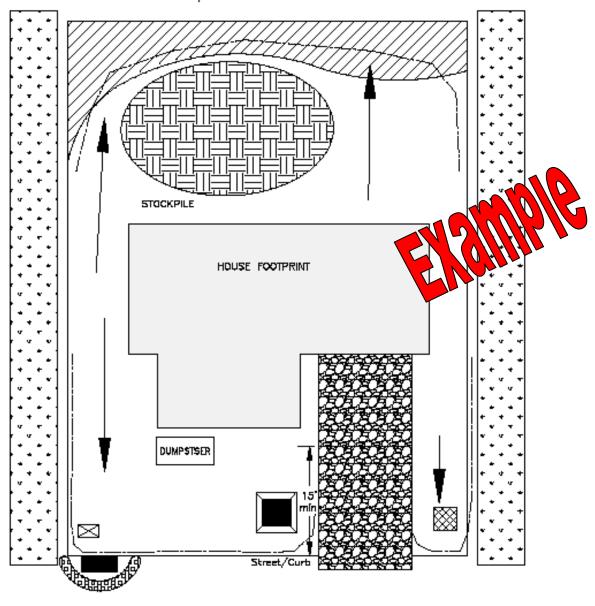
C) <u>Hazardous Material/Waste Management</u>

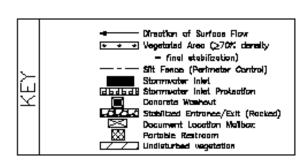
- 1) Storage Contractor(s) shall store all hazardous materials such as pesticides, paints, thinners, solvents, fuels, waste oil, anti-freeze, and all hazardous wastes in accordance with City Ordinances and all applicable Federal, State, and County regulations.
- 2) Usage
 - a. When rain is in the forecast for the upcoming twenty-four (24) hour period or during wet weather, the City may prohibit the application of chemicals to outside areas.
 - b. Contractor(s) shall, to extent possible, refrain from over-application of pesticides and/or fertilizers and shall follow material manufacturer's instructions regarding safety, uses, handling, and application(s).
- 3) Disposal and Spill Control
 - a. All hazardous material(s) must be disposed of properly. For assistance in proper chemical handling and disposal contact Black Hawk County Solid Waste Management at (319) 234-8115.
 - b. For assistance and/or spill control of hazardous material spills (I.e. gasoline, antifreeze, etc.) contact Cedar Falls Fire Department at (319) 273-8622. For emergency assistance call 911.

D) <u>Vehicle/Equipment Maintenance and Fueling</u>

- 1) Contractor(s) shall perform maintenance and fueling of vehicles and/or equipment in a bermed area or over a drip pan that will not allow runoff of stormwater or runoff spill.
- 2) Contractor(s) shall clean up all leaks and spills of vehicle and/or equipment fluids immediately and dispose of all waste and all clean-up materials as hazardous waste.

City of Cedar Falls Typical Residential CSR/SWPPP Site Plan







STORMWATER POLLUTION PREVENTION PLAN (SWPPP) APPLICATION FORM

(please print)

City of Cedar Falls Engineering Division 220 Clay Street Cedar Falls, IA 50613 Ph. (319) 273-8606 Fax (319) 268-5197

Site Addres	ss AND Lot & Subdivision:	1602	? Wayou	at Drive				
	Lot 21, Ma	ple Woods Thi	ird Addi	ition				
Applicant:	John Doe							
Address:	1709 Main Street	City: Day Phone:	Cedar	Falls	State: /	A	Zip:	50613
E-mail:	Tohn Doe @CFU, net	Day Phone:	(319)	273-xxxx	Cell I	Phone:	(319) 5	55-xxxx
Contractor:	Cedar Construction							
Address:	XXXX Some Street	City:	Cedar i	Falls	State: /	A	Zip:	
	Construction Ocfu, net	City: Day Phone:	319	273-хххх	Cell I	е:	(319) 53	55-xxxx
Applicant's	B Designated Agent (24-hour co	ontact name): <u>Jo</u>	hn Doe		10			
	same as above	City:			R & T		Zip:	
E-mail:	SAA	Day phone:		J.E	Cell I	Phone:		
_	n of Activity: New Single i	 Home Construction				none.		
1				ox on site				
Location Sv	NPPP Documents (Must be Ke IDENTIFY (WITH YOUR	•			ING THA	Т АРРІ	γ.	
The auth	NPDES General Permit #2 is re- norization number for this curre or lot is within a residential or or As a contractor or subcont developer's permit and a cop	ent permit iscommercial subdiractor I have sig	ivision it	must be pe	rmitted. C	nt as a	co-permi	•
	As owner, I have not accepte	ed a transfer of lia	ability.					
	As owner, I have accepted a for stormwater compliance. application. <u>In addition:</u>		-	U			-	•
_	The Stormwater Pollution SWPPP related to this aut		•	•				he
_	The SWPPP for this pro	perty has been	prepared	l separately	, and a co	urrent (copy will	be
	provided to the City as a not limited to SWPPP upo				continued	compli	ance inclu	ıdes and is
A State N	NPDES General Permit #2 is no	ot required for thi	s site (se	e City for d	etails)			

STORMWATER POLLUTION PREVENTION PLAN (SWPPP) APPLICATION FORM (con't)

- By signing this document, the applicant understands:
 - 1. This SWPPP must be approved prior to any land disturbing activity.
 - 2. The controls indicated on the Stormwater Pollution Prevention Plan (SWPPP) must be in place, maintained, and changes recorded.
 - 3. Prior to any land disturbing activities, (unless required to install the controls) the site must be inspected by the enforcement official and the controls must have passed.
 - 4. By signing, Applicant assumes all responsibility for the Stormwater Pollution Prevention Plan (SWPPP), and amendments.
- I have read and understand the conditions of this application and I am authorized to agree and attest to all the conditions and all their particulars.

■ Applicant's Signat	_{ure:} Jo	hn Doe D	ate:	05/04/2013
			-	
City Use Only:				
NPDES Permit #:		Permittee		☐Transfer-Permittee
Additional Requireme	nts:			
City approval by:		Da te ·		
Approval Fee: 1) Subdivision or other initial development	\$50.00	per gross acre for the max. acreage of the law is simultaneously exposed during the law is the law development (to be paid in a prelimit in the law approval)		x \$50.00 =
	a. \$100.00	per single-family resident. day in		x \$100.00 =
2) Subsequent	b. \$100.00	per residential dwelling for a duplex		x \$100.00 =
development of a lot or parcel of the	\$50.00	per residential dwelling for a multi-unit apt. complex		x \$50.00 =
original tract	\$50.00	per residential unit for a condominium complex		x \$50.00 =
	c. \$10.00	per square foot of any new impervious surface area for any commercial, industrial, institutional or other construction project; including parking lots and commercial additions		x \$10.00 =
3) Commercial Remodels	no fee	An abbreviated application is required for commercial r possible illicit discharge materials; concrete washout, pa etc. 2) above shall be paid before issuance of a building permi	int &	drywall washout, oils,

Failure to identify a SWPPP deficiency during this review of the plans does not give the permit applicant the right to violate the NPDES General Permit No. 2 or the City's storm water regulations.

Any project with on-site detention must have, at a minimum, the basin excavation completed and a meeting with the enforcement official to establish a timeline for SWPPP completion.

To final out your SWPPP permit <u>all</u> disturbed areas from your construction project must have established vegetation with 70% density.

Call the City of Cedar Falls Engineering Department to request a final inspection. 268-5161



STORMWATER POLLUTION PREVENTION PLAN (SWPPP) SCHEDULING FORM - REQUIRED INFORMATION

CITY OF CEDAR FALLS, IOWA

Project Subcontractors and Estimated Scheduling

City of Cedar Falls Engineering Division 220 Clay Street Cedar Falls, IA 50613 Ph. (319) 268-5161 Fax (319) 268-5197

Project Address: 1602 Wayout Drive

Lot Number, Subdivision: Lot 21, Maple Wood Third Addition

FYI: The IDNR General Permit #2 Part lv.D.7A states, "The stormwater pollution prevention plan must clearly identify for each measure in the plan, the contractor(s) and/or subcontractor(s) that will implement the measure."

Subcontractors	Name (print)	E-mail	or Phone #
Weed/grass control	Shrubs – R – Us		XXX - XXXX
Excavation	Dirt, Movers		XXX - XXXX
Plumbing	Pipe Fitters		XXX - XXXX
Foundation	Sure Structures	surestructures@abc.co	m
Flatwork	Bob's Concrete		XXX - XXXX
Electrical	Sam Shock		XXX - XXXX
Framing	Joe's Framing	joe@cfu.net	
Siding	Super Sudidng	super@cfg.com	
Mechanical	Mike's Mechanical		xxx - xxxx
Landscape	Shrabs - R - Us	s. ibs@CFU.net,	
Misc.			
Misc.			

Sequence of Construction Activities:	Activities: SWPPP Controls*	
Excavation	Perimeter silt fence, rock drive	5/28/13
Walls	V Concrețe washout	6/15/13
Site Work	↓ Intake protection	6/15/13
Waterproofing, tile, backfilling		↓
Flatwork	V	↓
Framing	V	↓
Roofing	V	↓
Brick work	V	↓
Drive & Walks	V	↓
Rough-ins	\	↓
Siding	V	↓
Insulation	V	↓
Rough Sheetrock	V	↓
Finish Sheetrock	V	↓
Paint	V	↓
Interior Finish	V	↓
Landscaping	Sod front, seed back and side yard	9/02/13

^{*}SWPPP controls include the installation of perimeter controls, inlet protection, sanitary facilities location, stabilized entrance/exit, designate concrete washout, materials storage areas, etc.



Stormwater Pollution Prevention Plan (SWPPP) Check List

City of Cedar Falls, Iowa

Project & Activity Description	Please	address all i	tems or	the ch	ecklist	
What is the nature of your project?	■Single-Family	☐Multi-Family	/ □Si	ubdivisior	1 🗆 O	ther
What is the site area? (in acres)						
How much of the site area will be disturbed?	☐Total site area	■Other: 75%				
What is the water path from your site to the Cedar River?	■ Unnamed waterwa	ay to the Southw	est Brancl	h of Dry F	Run Creek	to
	Black Hav	wk Creek to the (Cedar RIv	er		
How will you minimize tracking on site?	■Scrape streets with loader bucket	□Sweep street weekly/befor		■Mainta entrar	ain rock nce + Othe	er
How will you minimize dust generation on site?	Seed long term Stockpiles Sprayer Sprayer Stockpiles Sprayer					
Who will be maintaining the concrete washout?	■ Concrete Connec	ction Inc.				
Who will be updating the SWPPP & inspecting the site?	■ Prime contractor	1				
How will you establish final vegetation on your site?	□Hydroseed + Hydr	omulch		□Sod	■Seed+	Mulch
Disturbed areas adjacent to your site must be replaced with vegetation. How will you do this?	□Hydroseed + Hydr	omulch		□Sod	■Seed+	Mulch
Attach a signed copy of the "Winter Attachment" to the SW	PPP when the pject	schedule spans a	winter se	ason.		
Where are you hauling excess fill?	I A h la rie on	High and Low S	Streets	□ N/A		
Where are you borrowing from?				■ N/A		
How will you minimize tracking and dust gentle at off-site locations?	A a in ed E trance	☐Stabilize Stockpiles	□Water with s	truck prayer	□Other	□ N/A
Who will be maintaining an off-site erosion co. 701?	Prime Contractor	□Other	□Subco	ntractor	□ N/A	L
Site Plan	Please illus	strate all list	ed item	s on yo	ur site	plan
Direction of storm water flow (indicate with arrows)						
All storm water erosion and sedimentation controls	■ (silt fence, mu	ılch berms, sedin	nent basin	, inlet pro	tection, et	c.)
A key indicating plan features	■ written out					
Limits of disturbance and north arrow						
Streams or wetlands adjacent to the site	■ n/a					
Stabilized entrance/exit						
Porta Potty location		y not be on top o ilities will be loc				
Waste disposal location						
Stockpile location						
Secondary containment (if oils, gas and other chemicals will be stored on site)	1					
Concrete washout location						
Other Requirements						
Include a copy of your NPDES General Permit No. 2						
Installation of BMPs shall comply with SUDAS design standardshttp://www.iowasudas.org/design.cfm#chap7						
Inspections shall be done by qualified personnel (provided by the discharger) at least once every 7 days and within 24 hours after a 0.5" rain event						
Include and post this contact information:		City of Cedar Fa	lls Fire De	epartment	(319) 27	3-8622
Iowa Department of Natural Resources ((515) 281-5918 (call i	f hazardous mate	erial or co	ntaminatio	on is disco	overed)



Certification Statement for Co-Permittee

NPDES Permit #
NPDES Permit #

For RESIDENTIAL and COMMERCIAL lots under 1 acre and NPDES GP #2 holders, the following contractors must sign a statement:

Erosion Control

Excavation

Concrete (foundation & flatwork)

Framing

Dumpster

Porta Potty

Inspector (if other than the applicant)

I certify under penalty of law that I understand the terms and conditions of the general National Pollutant Discharge Elimination System (NPDES) permit that authorizes the stormwater 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 copermittee, 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 "Stormwater Discharge Associated with Industrial Activity for Construction Activities" at the identified site. As 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 Stormwater Pollution Prevention Plan (SWPPP) developed under this NPDES permit and the terms of this NPDES permit.

1	
Name and Title of Co-Permittee (print):	
Co-Permittee Signature:	Date Signed:
Contracting Firm Name (print):	
Contracting Firm Address (print):	
Contracting Firm Telephone #:()	
Contracting Firm E-mail (required):	
Address or Legal Description of the Site (print)	
I am responsible for this part of the SWPP	
Ex. Lot 15 excavation, Lots 1-30 seeding, Rolling Vide	porta potty services, Lot 2 foundation and paving
Certification Statem	nent for Co-Permittee
Elimination System (NPDES) permit that authorizes the state the construction site as part of this certification. Further, permittee, along with the owner(s) and other contractors Department of Natural Resources NPDES General Permit Activity for Construction Activities" at the identified site. legally required under the Clean Water Act and the Code of	s and conditions of the general National Pollutant Discharge ormwater discharges associated with industrial activity from by my signature, I understand that I am becoming a coand subcontractors signing such certifications, to the Iowa No. 2 for "Stormwater Discharge Associated with Industrial As co-permittee, I understand that I, and my company, are Iowa, to ensure compliance with the terms and conditions of oped under this NPDES permit and the terms of this NPDES
Name and Title of Co-Permittee (print):	
Co-Permittee Signature:	Date Signed:
Contracting Firm Name (print):	
Contracting Firm Address (print):	
Contracting Firm Telephone #:()	
Contracting Firm E-mail (required):	

Ex. Lot 15 excavation, Lots 1-30 seeding, Rolling Ridges 5th porta potty services, Lot 2 foundation and paving

Address or Legal Description of the Site (print): I am responsible for this part of the SWPPP:

Requirements for a Successful SWPPP Program at Each Site

Once all required SWPPP documents and the site plan have been approved, the General Contractor or project's stormwater supervisor (designated 24-hour contact) must prepare for stormwater pollution prevention prior to any land disturbing activity at the construction site. All predetermined site controls must be installed and all required SWPPP documents must be prepared and stored in the predetermined site location prior to the required initial inspection.

Stormwater Pollution Prevention Plans required documents:

- 1. Approved SWPPP
- 2. Copy of the Signed Certification Statements
- 3. Copy of Subcontractor List and Estimated Scheduling
- 4. Contact information for Regulatory agencies; City of Cedar Falls Inspectors, IDNR contacts, etc.
- 5. Site Plan that details Stormwater BMPs
- 6. A copy of the NPDES General Permit #2
- 7. Weekly Inspection sheets:

An estimated number of copies of blank inspection forms should be included in the SWPPP/CSR folder to facilitate easy reporting during construction; i.e. for an estimated 6-month construction project, there should be approximately 25 inspection forms prepared for weekly inspections prior to project start-up.

SWPPP initial inspections must take place prior to construction activities commencing. Building permits will not be issued until the initial SWPPP inspection is successful. Call the City of Cedar Falls Engineering Division staff to arrange initial SWPPP inspection:

Amy Kay Terra Ray (319) 268-5161 (319) 268-5161

During construction, City Inspectors will continue to visit each individual site in order to ensure ongoing compliance. Inspection comments, complaints and any required notices of violation will be made within 24-hours of inspections/investigations. Phone calls and e-mail correspondence will be critical tools in communicating stormwater pollution concerns and stormwater compliance directives. Therefore, alerting City staff to changes in contact information is critical for the SWPPP program's ongoing success.

At the conclusion of all construction activities and site stabilization, the project's stormwater supervisor must contact City staff in order to request a final inspection. Contact numbers are listed above. Site plan finals and certificate of occupancy issuance shall be contingent upon the SWPPPs closure status, depending on the nature of activity. Temporary controls must be removed, all disturbed soil must be permanently stabilized (landscaped) and all local stormwater drainage systems cleaned out prior to SWPPP closure.

NOTICE TO OWNERS AND GENERAL CONTRACTORS

All new building projects must obtain an excavation permit for their sump pump tap and call for an inspection *prior* to backfilling

All new building projects must also obtain a sidewalk permit and call for an inspection prior to placing the concrete and call for a final inspection when complete.

Monument mailboxes are not allowed to be constructed within the public right of way.

Roof drains and downspouts are <u>not</u> to be connected to the subdrain behind the curb. Sump pumps and footing drains that move ground water are allowed to be connected.