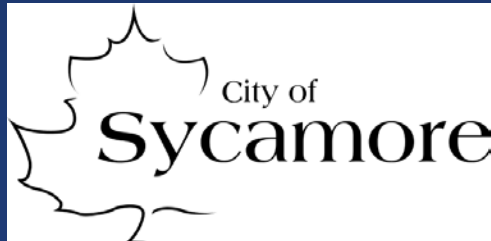


Soil Erosion and Sediment Control

City of Sycamore
Mark Bushnell P.E.
City Engineer



City of DeKalb
Greg Chismark P.E.
WBK Engineering

City's Responsibilities

Six Minimum Measures

- Public Education and Outreach
- Public Involvement and Participation
- Illicit Discharge Detection and Elimination
- Construction Site Runoff Control
- Post-Construction Stormwater Management
- Stormwater Management for Municipal Operations

Education and Outreach

City of Sycamore Information

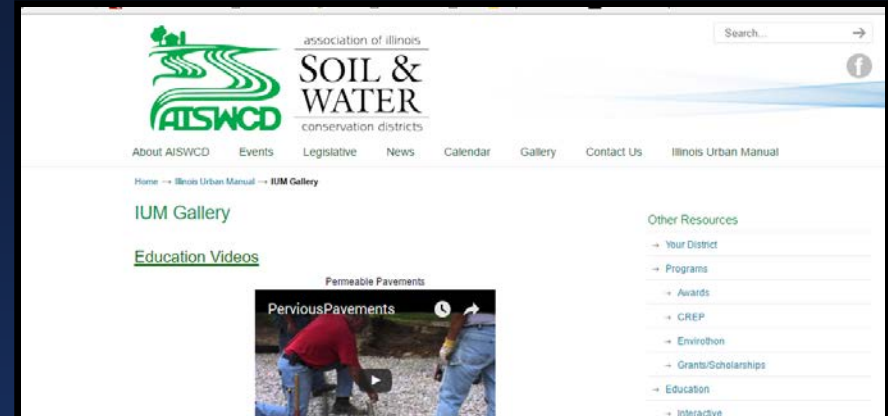
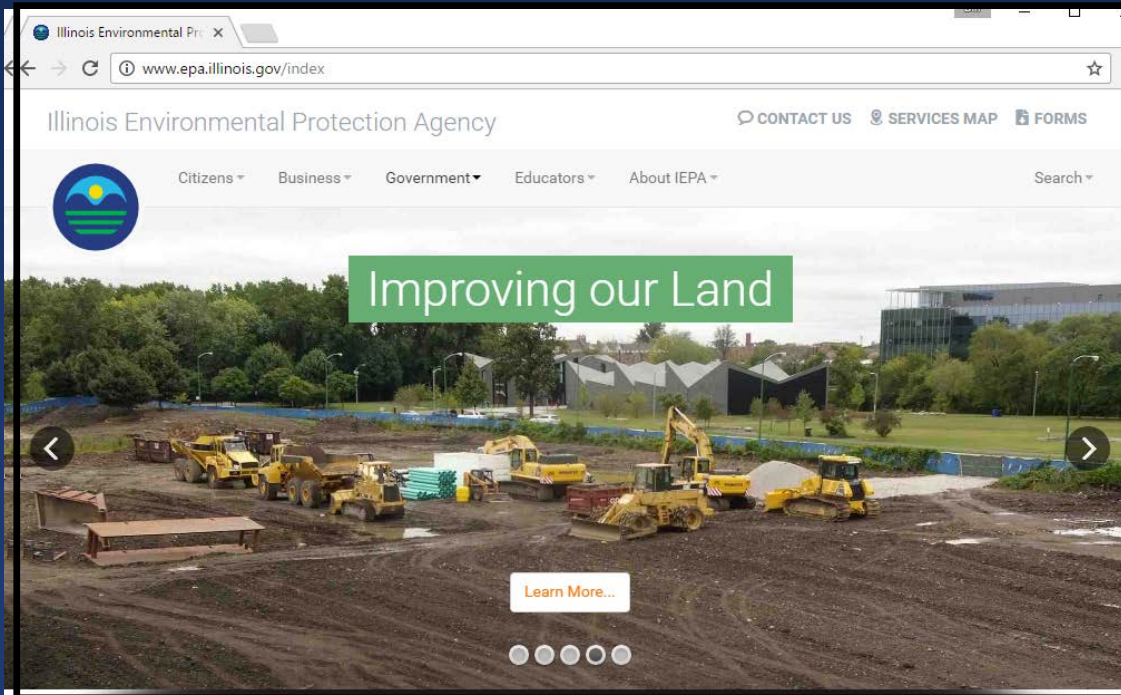
- Website
- <http://cityofsycamore.com/development/national-pollutant-discharge-elimination-system-npdes/>
 - City of Sycamore
 - Development
 - NPDES
- At the B& E Office
- Emails sent by City
 - [3/17/15](#)
 - [4/2/15](#)
 - [2/25/16](#)



Education and Outreach

City of Sycamore Website

- Provides Links to
 - EPA
 - Illinois Urban Manual



City of DeKalb Website

- City of DeKalb Website Screenshot

Browser: Google Chrome
Address Bar: http://www.cityofdekalb.com/358/DeKalb-Stormwater-Phase-2-Permit

Page Header: File Edit View Favorites Tools Help

Page Title: Create an Account - Increase your productivity, customize your experience, and engage in information you care about.

Page Navigation: Home Government Services Business Resources Explore DeKalb How Do I... Sign In Select Language

Search Bar: Search...

DeKalb Illinois

Left Sidebar:

 - Departments
 - Alport
 - DSATS

Main Content:

Overview

DeKalb Stormwater Phase 2 Permit

Flood Insurance Maps

Stormwater Project Implementation Plan (PDF)

DeKalb Stormwater Phase 2 Permit

The City of DeKalb is required to implement Stormwater activities for continued compliance with an EPA National Pollution Discharge Elimination Permit (NPDES). The attached are permit compliance activities (NPDES Notice of Intent) planned 2008-2012 and also the recent year's NPDES Annual Facility Report.

 - NPDES Notice Of Intent - 2008-2012 (PDF)
 - NPDES Annual Facility Report (PDF)

Footer:

Contact Us: 200 South Fourth Street, DeKalb, IL 60115, Phone: 815-748-2000, Contact Us

DeKalb Online: Facebook, YouTube

FAQs: When should I use 911?, Where do I report a problem with a street light?, How do I apply for a job with the city?, What can I do about loud parties/noises?

Using This Site: Home, Site Map, Accessibility, Copyright Notices

Right Side Image: EPA logo with text: Pick up after your pet, Have your people, dog, dumped and opened frequently, EPA National Pollution Discharge Elimination Permit

Clean Water

Everybody's Business!

Dear Resident:

As stormwater flows over driveways, lawns, and sidewalks it picks up debris, chemicals, dirt, and other pollutants. Stormwater can flow into a drainage system or directly to a lake, stream, river, or wetland. Anything that enters a drainage system is discharged untreated into the waterbodies we use for swimming, fishing, and providing drinking water. Polluted runoff is the nation's greatest threat to clean water.

By practicing healthy household habits, homeowners can keep common pollutants like pesticides, pet waste, grass clippings, and automotive fluids off the ground and out of stormwater. Adopt the healthy household habits listed on the attached bookmark and help protect lakes, streams, rivers, and wetlands.

If you notice signs of stormwater pollution, please contact the County, City, Town, or Village using one of the phone numbers listed below.

Sincerely,

DeKalb County

County.....	815-895-7188	Villages:
Cities:		Hinckley..... 815-286-3836
DeKalb.....	815-748-2030	Kingsston..... 815-784-5572
Sandwich.....	815-786-9321	Kirkland..... 815-522-6179
Sycamore.....	815-895-4557	Lee..... 815-824-2323
Town of Cortland.....	815-756-9041	Malta..... 815-825-2330
		Maple Park..... 815-827-3309
		Shabbona..... 815-824-2127
		Somonauk..... 815-498-3500
		Waterman..... 815-264-3652

CLIP HERE

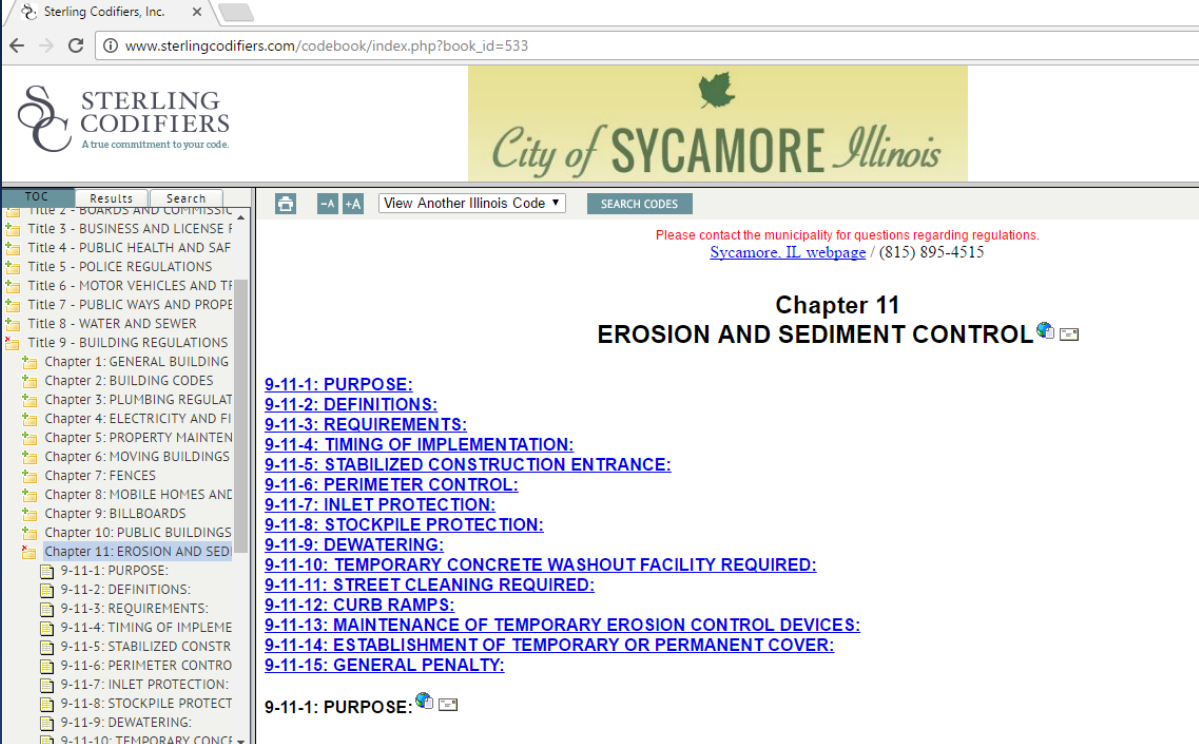
10 Things You Can Do to Prevent Stormwater Pollution

- Use fertilizers sparingly and sweep up driveways, lawns, and decks.
- Never dump anything down storm drains.
- Vegetate bare spots in your yard.
- Compost your yard waste.
- Hold pesticides, lawn care, and insecticides. Learn about proper disposal.
- Direct downspouts away from your house.
- Take your car to the car wash instead of washing it in the driveway.
- Check car & bike leaks, and recycle motor oil.
- Pick up after your dog.

Education and Outreach

City of Sycamore Website

- http://www.sterlingcodifiers.com/codebook/index.php?book_id=533
- The purpose of this chapter is to establish minimum standards for erosion control and sediment control on construction sites, procedures for their enforcement and to protect the city of Sycamore storm sewer system, properties abutting construction sites, wetlands within the city of Sycamore and waters of the state of Illinois.
- No size limit.



The screenshot displays a web browser window with the URL www.sterlingcodifiers.com/codebook/index.php?book_id=533. The page features the Sterling Codifiers logo and the City of Sycamore Illinois logo. A table of contents on the left lists various titles and chapters, with Chapter 11: Erosion and Sediment Control selected. The main content area shows the title "Chapter 11 EROSION AND SEDIMENT CONTROL" and a list of sections including Purpose, Definitions, Requirements, Timing of Implementation, Stabilized Construction Entrance, Perimeter Control, Inlet Protection, Stockpile Protection, Dewatering, Temporary Concrete Washout Facility Required, Street Cleaning Required, Curb Ramps, Maintenance of Temporary Erosion Control Devices, Establishment of Temporary or Permanent Cover, and General Penalty. Each section is linked to its corresponding content.

Chapter 11
EROSION AND SEDIMENT CONTROL

9-11-1: PURPOSE:

9-11-2: DEFINITIONS:

9-11-3: REQUIREMENTS:

9-11-4: TIMING OF IMPLEMENTATION:

9-11-5: STABILIZED CONSTRUCTION ENTRANCE:

9-11-6: PERIMETER CONTROL:

9-11-7: INLET PROTECTION:

9-11-8: STOCKPILE PROTECTION:

9-11-9: DEWATERING:

9-11-10: TEMPORARY CONCRETE WASHOUT FACILITY REQUIRED:

9-11-11: STREET CLEANING REQUIRED:

9-11-12: CURB RAMPS:

9-11-13: MAINTENANCE OF TEMPORARY EROSION CONTROL DEVICES:

9-11-14: ESTABLISHMENT OF TEMPORARY OR PERMANENT COVER:

9-11-15: GENERAL PENALTY:

Education and Outreach

City of Sycamore Emails

■ 3/17/15 4/2/15 2/25/16

From: Greg Hunt

Sent: Thursday, February 25, 2016 11:26 AM

To: Jim Work - Silverthorne Group Inc. (jwork@silverthornegroup.com) <jwork@silverthornegroup.com>; jim@zenzbuildings.com; Joseph Gunderson (joe@gundersoncarpentry.com) <joe@gundersoncarpentry.com>; Joel Davidson (joeldavidson@ymail.com) <joeldavidson@ymail.com>; jcastle@castlebuildersllc.com; john.pappasdevelopment.com; Keith Almady (kalmady@silverthornegroup.com) <kalmady@silverthornegroup.com>; kenandersen42@gmail.com; kenkate15@aol.com; Keven Dahl (dahlk3@comcast.net) <dahlk3@comcast.net>; Kevin Wynn (kevin@wynnsfreight.com) <kevin@wynnsfreight.com>; Kurt Kozlowski (kurtkozmo@aol.com) <kurtkozmo@aol.com>; Lisa Sharp (lsharp@sharparchitectsinc.com) <lsharp@sharparchitectsinc.com>; mark.carpenter@benfranklinplumbing.com; martinkrpan@comcast.net; Matt Gehrke (MGehrke@swedbergs.com) <MGehrke@swedbergs.com>; Mike Carpenter (carprealty@aol.com) <carprealty@aol.com>; Mike Grimson (mike@michaelgrimsonassoc.com) <mike@michaelgrimsonassoc.com>; Mike Ptack (mike_ptack@shodeen.com) <mike_ptack@shodeen.com>; adgdesign@comcast.net; Randy Herrman (randy@hermannconcrete.com) <randy@hermannconcrete.com>; rene.vanderheyden (ravarchitect@yahoo.com) <ravarchitect@yahoo.com>; Rich Sheahan (sheahan230@comcast.net) <sheahan230@comcast.net>; Russ Smith (russ@rsmithconstruction.com) <russ@rsmithconstruction.com>; Scott Carlson (scarlson2@comcast.net) <scarlson2@comcast.net>; Sean Kelly (skchinc@comcast.net) <skchinc@comcast.net>; Steve Irving (irvconst@comcast.net) <irvconst@comcast.net>; steve@swedbergs.com; SDI <mail@structuraldynamics.com>; tjvilet@comcast.net; Tom Weaver (tom@weaverconstructioninc.com) <tom@weaverconstructioninc.com>; 'wagner@hotmail.com' <wagner@hotmail.com>; Tom Weaver (weaverconstruction@frontier.com) <weaverconstruction@frontier.com>; 'Don Osborne' <osborne@cordconstruction.com>; Bill Versluys Jr. (abversluys4@gmail.com) <abversluys4@gmail.com>; Brian Grainger (briang.solid@gmail.com) <briang.solid@gmail.com>; Chris Youssi (cyoussi@aol.com) <cyoussi@aol.com>; Chuck Shepard (lcapshp@comcast.net) <lcapshp@comcast.net>; Combined Development (combined@sbcglobal.net) <combined@sbcglobal.net>; dave@rfddevelop.com; Dave Finney (dfinney@frontier.com) <dfinney@frontier.com>; Frank Kasper (fkasper28@yahoo.com) <fkasper28@yahoo.com>; stumercarpentry@gmail.com; jack_haller@shodeen.net; Jeff Richardson (jwr1959@aol.com) <jwr1959@aol.com>; Jim Farley (jimmmmm@mac.com) <jimmmmm@mac.com>; 'dave@shodeen.com' <dave@shodeen.com>; Cc: John Sauter (jsauter@cityofsycamore.com) <jsauter@cityofsycamore.com>; Dennis Winclawski (dwinclawski@cityofsycamore.com) <dwinclawski@cityofsycamore.com>; Mark Bushnell <mbushnell@cityofsycamore.com>; Bob Ray <bray@cityofsycamore.com>; Ebe Smith <esmith@cityofsycamore.com>; Fred Busse <fbusse@cityofsycamore.com>; Glenn Theriault <gtheriault@sycamorepd.com>; Brian Gregory <bgregory@cityofsycamore.com>

Subject: Erosion control and Sediment maintenance reminder.

With the winter months closing and the ground thawing, please direct your attention to your erosion / sediment BMP's. Be advised that, while the spring months draw near, we will be performing regular post-rain event Stormwater Management inspections.

I have attached several resources to aid in your efforts to ensure compliance, including a link to the [ILLINOIS URBAN MANUAL](#) and a short video at www.youtube.com/watch?feature=player_embedded&v=Tndpc_lxTyI that discusses construction site management. Lastly, if you have questions or concerns, don't hesitate to ask.

Failure to meet the requirements of the City's Erosion Control Ordinance may result in penalties and fines in accordance with Section 1-4-1 of the Sycamore Municipal Code. These penalties and fines may apply to developers, homebuilders, general contractors, excavators and anyone else disturbing a site, therefore compliance is paramount.

I have made every attempt to send this e-mail to all of our local and nearby customers. If I have inadvertently forgotten someone, please let me know or forward this information to them.

Greg Hunt

City of Sycamore

Building / IDPH Certified Plumbing Inspector
Building & Engineering Division

1.815.895.6341 Office
ghunt@cityofsycamore.com

City's Responsibilities

Six Minimum Measures

- Public Education and Outreach
- Public Involvement and Participation
- Illicit Discharge Detection and Elimination
- **Construction Site Runoff Control**
- Post-Construction Stormwater Management
- Stormwater Management for Municipal Operations

City's Responsibilities

Six Minimum Measures

- Construction Site Runoff Control
- City is required to ensure compliance
- Inspections
- Documentation
- Compliance through
 - Notification
 - Warnings
 - Violations
- City is notified by the IEPA and DSWCD if expectations are not met
 - Active presence
 - More frequent inspections

SWPPPs



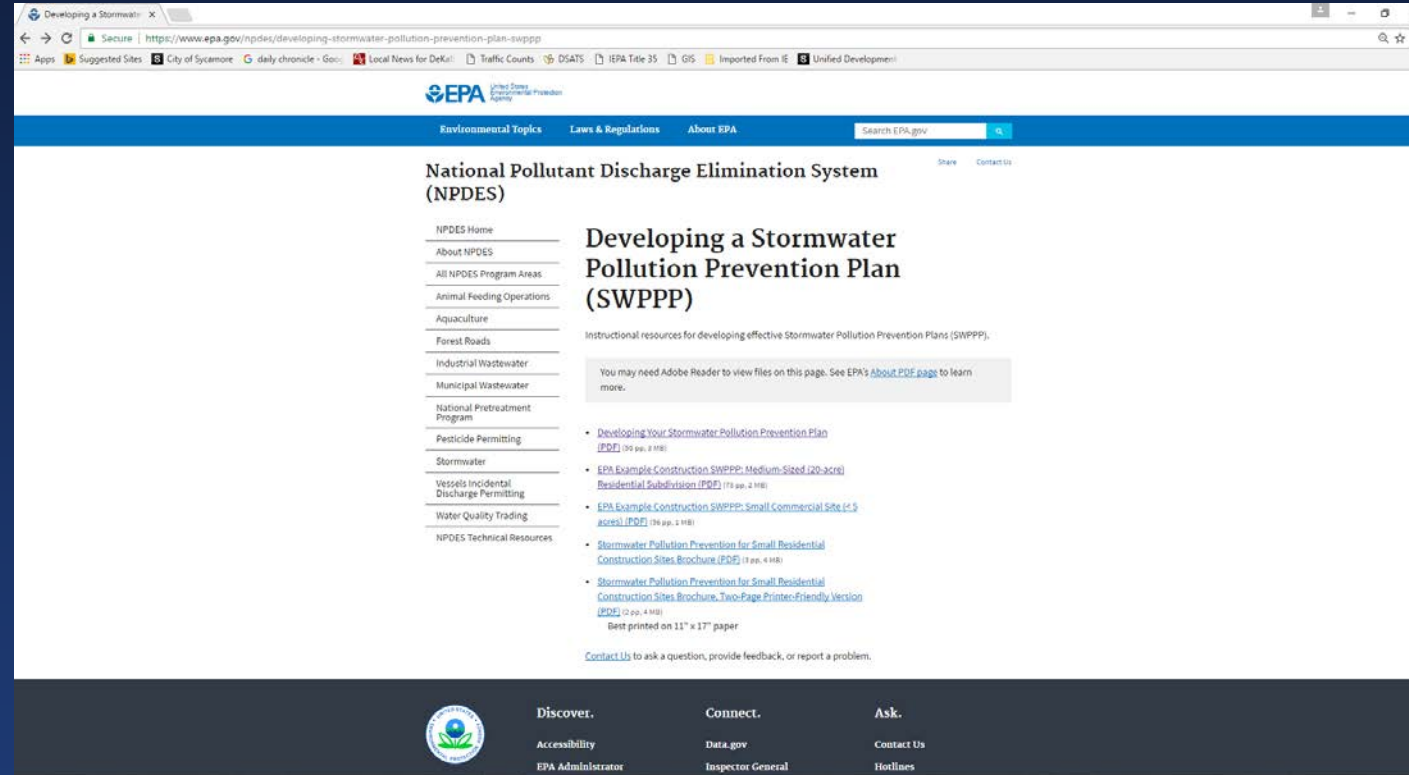
SWPPPs



- **One for subdivision**
 - Individuals bound to comply through compliance Construction Operators' Cooperative Agreement
- **Required for individual lots**
 - Aggregate more than 1 acre (owned)
 - Remains open until final lot is closed
- **If one project is < 1 acre**
 - Bound to local ordinances

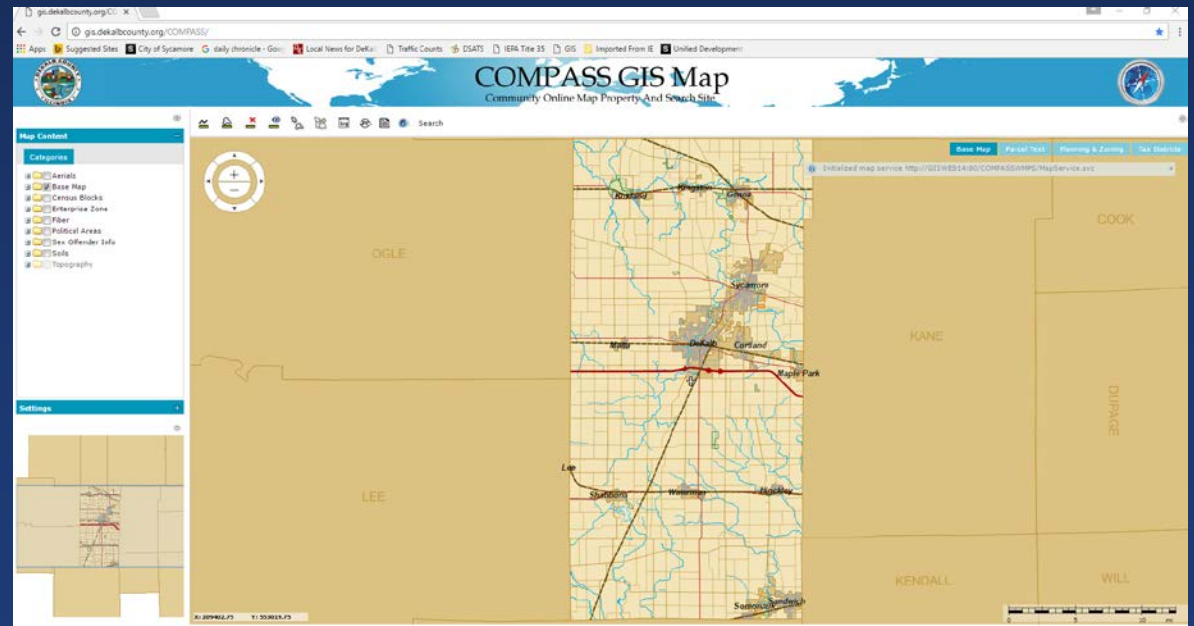
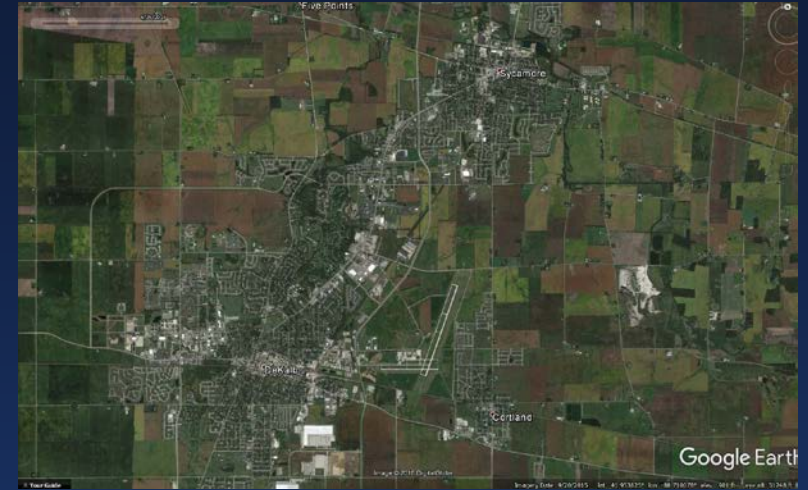
SWPPPs

- **IEPA Website**
 - Step by Step Instructions
 - Multiple Size Sites
 - Sample Forms
- **Submitted Electronically**
 - 30 Days for IEPA
 - Threatened and Endangered Species
 - IHPA



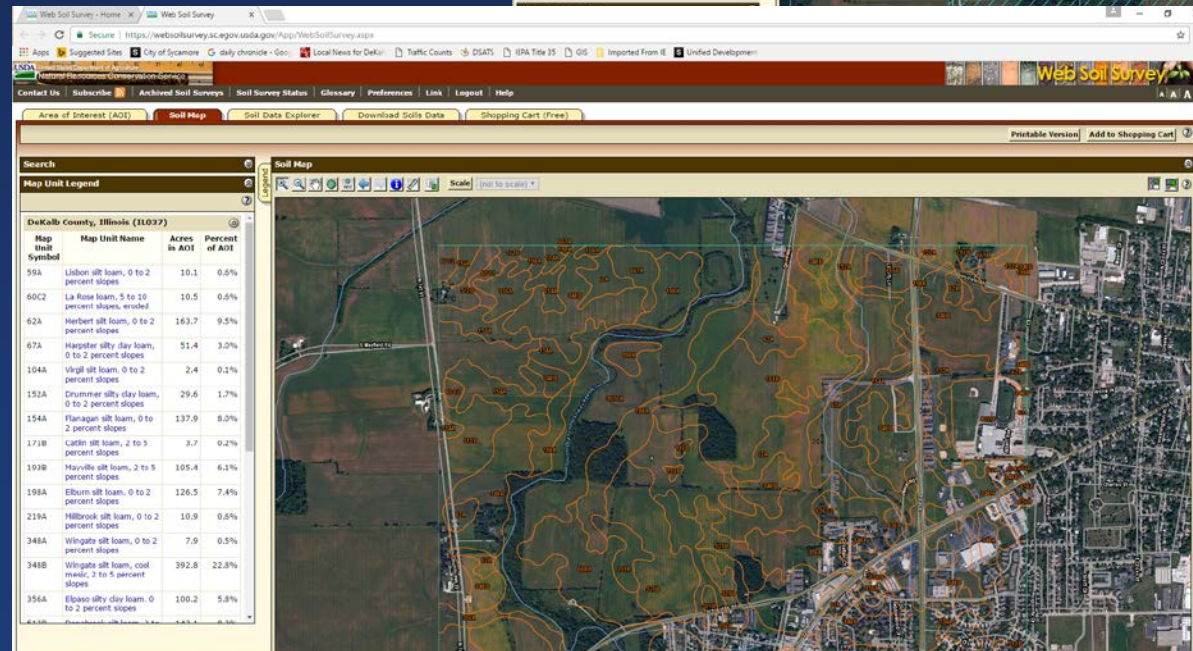
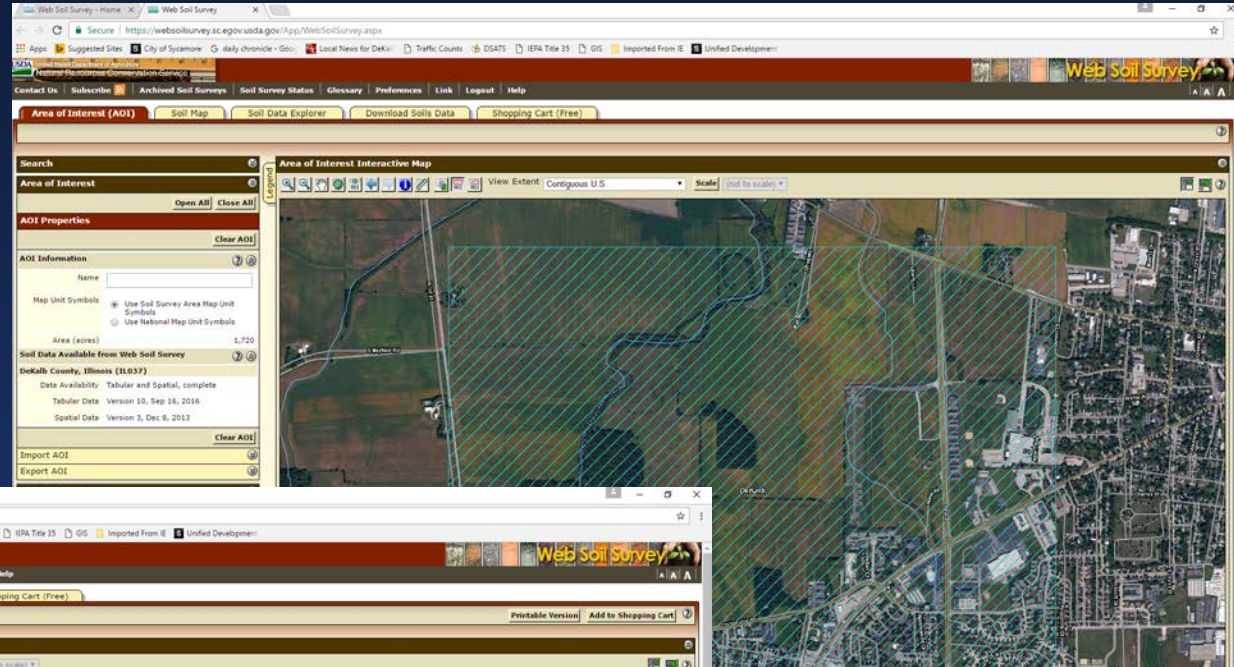
SWPPPs

- **Google Earth**
 - Location Information
 - Areas/ Lengths
 - Google Earth
- **DeKalb County GIS**
 - Parcel Info
 - Floodplain Mapping (Basic)
 - Areas/ Lengths



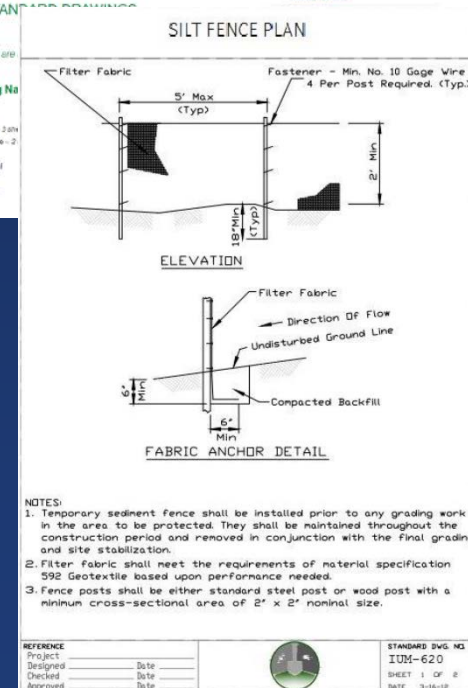
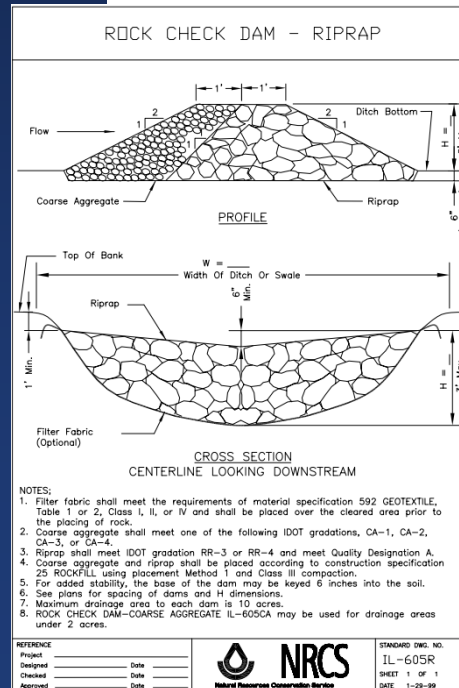
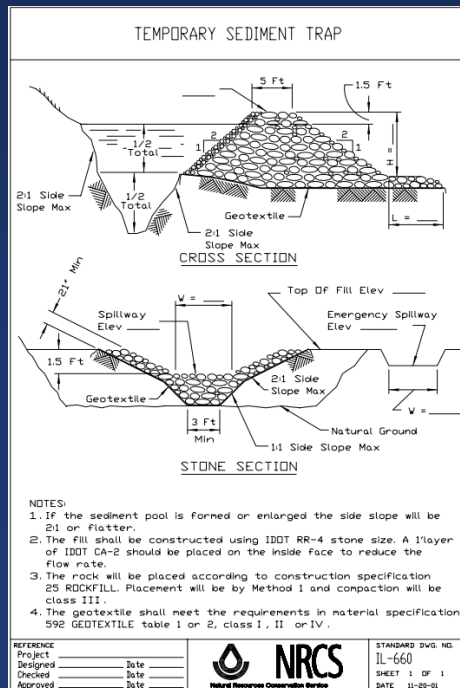
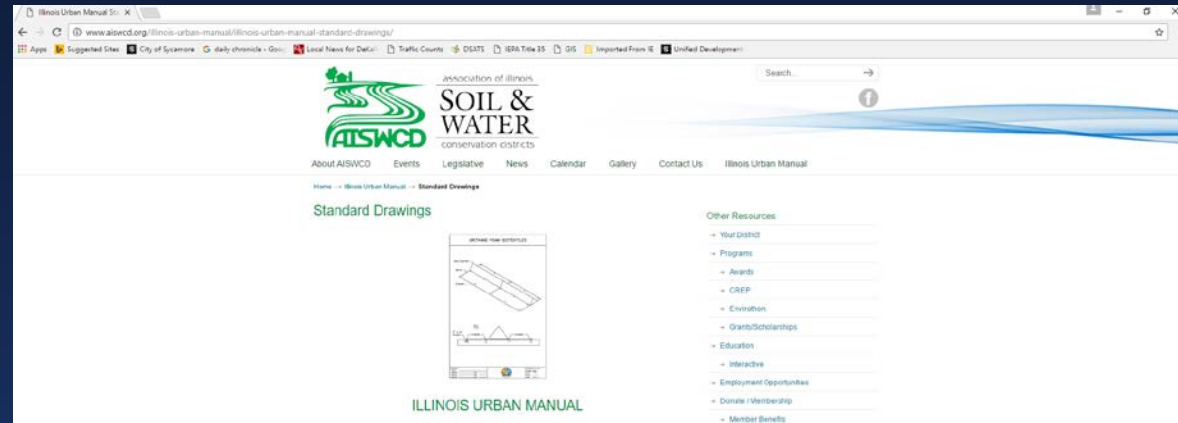
SWPPPs

- **Soil Mapper**
 - <https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx>
 - Provides Soils Data



SWPPPs

- Illinois Urban Manual
 - [http://www.aiswcd.org/illinois-urban-manual/Provides Soils Data](http://www.aiswcd.org/illinois-urban-manual/Provides%20Soils%20Data)
- Contact Local Vendors



Inspections

City of Sycamore Inspections

- **Inspections**
 - Other inspections
 - Footing Foundation
 - Framing
 - Plumbing
 - Final
- **Rainfall and Duration**
 - 1/2" Rainfall
 - Two Weeks
 - Previous Failed Inspection
 - Phone Call/ Complaint
 - Upcoming storms
 - When Dean and Tom say so



Inspections

City of Sycamore Inspections

- SWPPP is onsite and accessible
- Reports are up to date
- Soil Erosion Control is in place and functioning
- Inspection Forms
 - City of Sycamore
 - IEPA SWPPP Forms

STORMWATER MANAGEMENT/EROSION CONTROL INSPECTION LOG			
SITE INFORMATION			
Applicant / Project Name			
Street Address			
INSPECTION RESULTS			
Inspector Name: GH JS MB		Date:	
Current phase of project:			
Type of Inspection: <input type="checkbox"/> Required: _____ <input type="checkbox"/> Post-Storm – Approx. Rainfall: _____			
Do you suspect illegal discharges? <input type="checkbox"/> Yes <input type="checkbox"/> No			
Are the following BMP's installed and maintained?	Y / N	Corrective Action Required/Location on Site	Due Date
Construction entrance stabilized.			
Aggregate curb ramps installed. (Dirt curb ramps not permitted.)			
Perimeter silt fence installed and maintained.			
Stockpiles silt fence installed and maintained.			
All nearby inlets protected and maintained.			
Dewatering (pumping) into stormwater system.			
Street clean and free of sediment.			
Temporary or permanent cover established, as required.			
Notes:			

L:\Forms\Required Inspections\STORMWATER MANAGEMENT INSPECTION LOG.docx

City of DeKalb Inspections

City of DeKalb Inspections

- Preconstruction Meeting & Discussion
- Initial SESC inspection prior to start of any earthwork or utility work
- Responsible Party Documentation
- Photos
- What does the water look like?

SOIL EROSION & SEDIMENT CONTROL - INSPECTION REPORT

WBK Project #: 13-0180M		Project Name: Fox Metro W. R. D. - Plant Expansion	
Date: March 24, 2017	Time: 10:00 AM	Observer: Andy Haglund (WBK Engineering)	
Weather: 72° Sunny		People Present: Jeremy Bedford (River City)	
Last Inspection: February 24, 2017			

PRECIPITATION SINCE LAST INSPECTION:

EVENT	DATE	DURATION	AMOUNT	EVENT	DATE	DURATION	AMOUNT
1	02/28/2017	8 Hrs on/off	0.92"	3	03/20/2017	4 Hrs	0.21"
2	03/07/2017	2.5 Hrs	0.27"	4			

INSPECTION CHECKLIST	Condition				Repair		Photo	COMMENTS
	G	F	P	N/A	Y	N		
Is there a stamped/approved set of SWPPP plans on-site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Is the SWPPP up to date with the protective measures located on-site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
BASINS (DETENTION, RETENTION & SEDIMENT)								
Are sediment basins installed where needed? Adequate size? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	YES	Permanent detention basin partially complete with outlet piping in place with temp stand pipe will serve as sediment basin for future dewatering at F-1, G-1. Temp sediment basin at SE corner of site has been abandoned.
Do the basins have native vegetation planted according to the planting plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Are the basins properly stabilized?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	YES	Erosion control mat installed; vegetation starting to establish; Will be looking for seed and blanket in uncovered areas when weather conditions permit.
DEWATERING ACTIVITIES								
Is dewatering occurring directly into a nearby aquatic resource, storm sewer, or drain tile?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	YES	Dewatering headworks (B-3 & JB-1) directly into treatment train. Minimal flows with no apparent silt transfer.
Floc Tank/Floc Hog	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		Tanks removed.
Treatment Train/Sediment Trap	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	YES	Treatment train with sediment traps and polymer treatment in use with clear discharge at outlet end.
Sediment Filter Bag	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		Not currently in use.

Fox Metro Water Reclamation District
SESC Inspection

City of DeKalb Inspections

SOIL EROSION & SEDIMENT CONTROL - INSPECTION REPORT

ST & SEDIMENT CONTROL
Are soil and mud kept off public roadways at intersections with site access roads?
Is there a stabilized construction entrance? Adequate size? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Is the dust at the site under control?
INLET, OUTLET & CHANNEL PROTECTION
Are channels and outlets adequately stabilized? <input checked="" type="checkbox"/> Straw Waddles <input checked="" type="checkbox"/> Rock <input type="checkbox"/> Triangular Dykes <input checked="" type="checkbox"/> Monofilament
Do all operational storm sewer inlets have adequate inlet protection? <input checked="" type="checkbox"/> Fabric Insert <input checked="" type="checkbox"/> Other (list)
Are stormwater conveyance channels adequately stabilized with channel lining/outlet protection? <input checked="" type="checkbox"/> Rock <input checked="" type="checkbox"/> Straw Waddles <input checked="" type="checkbox"/> Vegetation
Are straw bales used on-site?
SILT FENCE & PERIMETER PROTECTION
Have sediment trapping facilities been constructed as a first-step in land disturbance activity? <input checked="" type="checkbox"/> Straw Waddles <input checked="" type="checkbox"/> Silt Fence <input checked="" type="checkbox"/> Continuous Berm <input checked="" type="checkbox"/> Monofilament Fabric
Is the silt fence properly trenched in and backfilled?
For perimeter sediment trapping measures, are earthen structures stabilized?
SOIL STOCKPILES
Are soil stockpiles adequately stabilized? <input checked="" type="checkbox"/> Seeding <input type="checkbox"/> Silt Fence

Fox Metro Water Reclamation District
SESC Inspection


SOIL EROSION & SEDIMENT CONTROL - INSPECTION REPORT

Are soil stockpiles in approved locations (not in floodplains and/or wetlands)?	<input checked="" type="checkbox"/>
STABILIZATION	
Have all disturbed areas requiring temp. or perm. stabilization been stabilized? <input checked="" type="checkbox"/> Seeded <input checked="" type="checkbox"/> Mulched <input checked="" type="checkbox"/> Graveled	<input type="checkbox"/>
Does the temp. or perm. vegetation provide adequate stabilization?	<input type="checkbox"/>
Are finished cut/fill slopes adequately stabilized? <input checked="" type="checkbox"/> Seeding <input type="checkbox"/> Mulch <input checked="" type="checkbox"/> Erosion Blanket <input type="checkbox"/> Other (list)	<input type="checkbox"/>
Are utility trenches stabilized properly?	<input type="checkbox"/>
STRUCTURE MAINTENANCE	
Have all control structure repairs and sediment removal been performed?	<input type="checkbox"/>
TEMPORARY CONTROL STRUCTURES	
Have all temp. control structures that are no longer needed been removed?	<input type="checkbox"/>
WASTE CONTAINERS	
Is there a concrete washout and if so, what shape is it in?	<input type="checkbox"/>
Is there an adequately sized container for construction debris and trash located on-site?	<input checked="" type="checkbox"/>
WATERS, WETLANDS & PROTECTED RESOURCES	
Is in-stream construction conducted using measures to minimize damage?	<input type="checkbox"/>
Are temporary stream crossings of non-erodible material installed where applicable?	<input type="checkbox"/>
Is necessary re-stabilization of in-stream construction complete?	<input type="checkbox"/>

Fox Metro Water Reclamation District
SESC Inspection

SOIL EROSION & SEDIMENT CONTROL - INSPECTION REPORT

Are properties/waterways downstream from development protected from soil erosion and sediment deposition due to increases in peak stormwater runoff?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	YES	Continue to monitor and maintain SESC measures in place for effectiveness. No evidence of offsite silt migration since previous visit.
--	--------------------------	-------------------------------------	--------------------------	--------------------------	--------------------------	-------------------------------------	-----	--

Project #: 13-0180M	Project Name: Fox Metro Water Reclamation
Date: 03/24/2017	
Observer: Andy Haglund	
Photo #: 06	
Comments: Treatment train effluent passes through four monofilament filter fence barriers before meandering into wetland area east of project site construction limits. Looking southerly from overflow.	

Fox Metro Water Reclamation District
SESC Inspection

City of DeKalb Inspections

City of DeKalb Inspections

- Preconstruction Inspection
- Silt Fence
- Dewatering
- Maintenance of facilities
- What does the discharge look like?

ILLINOIS URBAN MANUAL
PRACTICE STANDARD

DEWATERING

(no.)
CODE 813



(Source: Illinois Urban Manual Technical Committee)

DEFINITION

The removal of water from construction sites.

PURPOSE

The purposes of this practice are as follows:

1. To facilitate construction in areas with surface water or a high water table.
2. To prevent erosion and sediment transport.
3. To provide worksite safety.
4. To prevent pollution of groundwater or surface water.
5. To preserve downgradient natural resources and property.

CONDITIONS WHERE PRACTICE APPLIES

The practice applies to any construction site (includes any onsite and offsite excavated areas), where the presence of water creates unsafe conditions, potential damage, or restricts construction operations.

Construction sites where water is present in any form, including intermittent runoff, streams, standing

water, ground water, or other bodies of water.

CRITERIA

Dewatering shall consist of the removal of surface water and/or ground water by diverting and/or removing water from construction sites, within a watershed, as needed to perform the required construction in accordance with the specifications.

All outlets for dewatering discharges shall be stable and protected from erosion.

Diverting Surface Water – Cofferdams, channels, sumps, flumes, and temporary diversions shall be built and maintained, as needed.

Installation of cofferdams and sumps shall follow the requirements as outlined in practice standards [COFFERDAM 803](#) and [SUMP PIT 950](#).

Excess surface runoff shall be diverted from the construction area as outlined in the practice standards [TEMPORARY DIVERSION 955](#), [TEMPORARY SWALE 980](#), [DIVERSION 815](#), and [DIVERSION DIKE 820](#).

A permanent stream or other concentrated flow shall be diverted away from the construction area as

Questions
or
Comments?