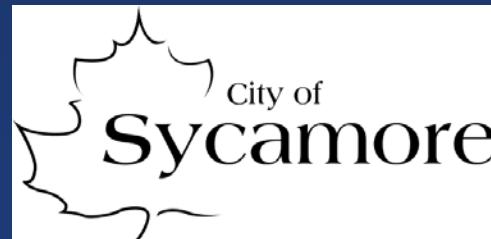


Soil Erosion and Sediment Control

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

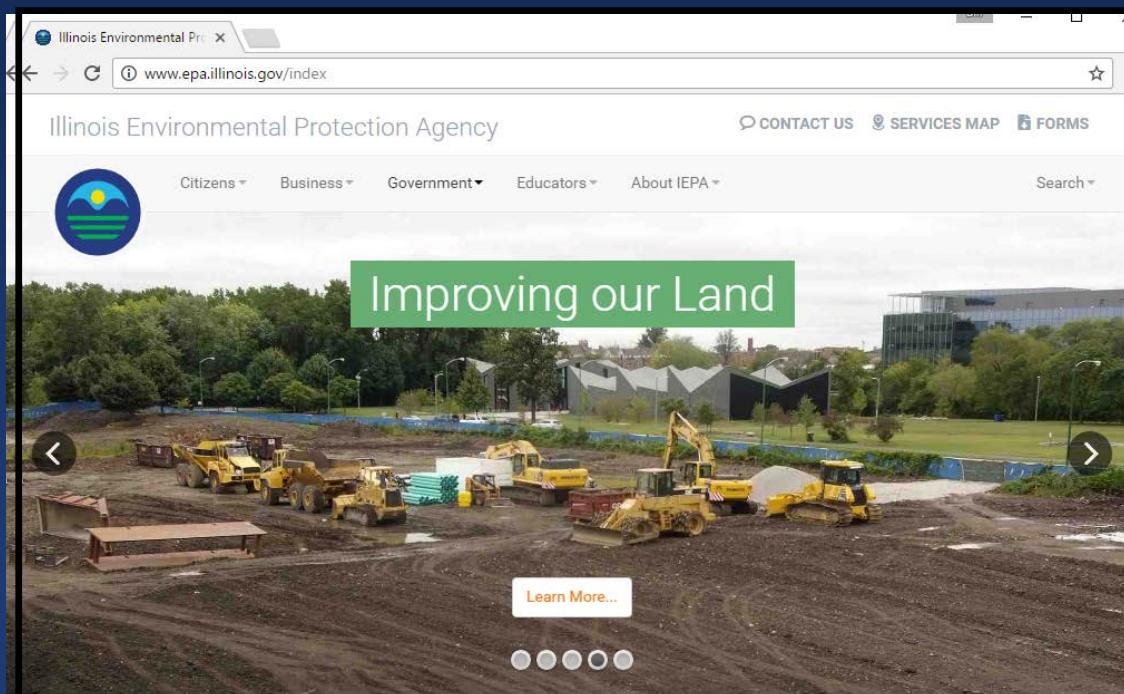
- Website
 - <http://cityofsycamore.com/development/national-pollutant-discharge-elimination-system-npdes/>
 - City of Sycamore
 - Development
 - NPDES
- At the B& E Office
- Emails sent by City
 - 3/17/15
 - 4/2/15
 - 2/25/16

The screenshot shows the City of Sycamore, Illinois website. The header features the city's name in a serif font. Below the header is a navigation bar with links for Home, Residents, Businesses, How Do I?, Document Library, and Contact Us. The main content area is titled "National Pollutant Discharge Elimination System (NPDES)". It contains text about the MS4 permit and BMP requirements. A sidebar on the right lists various city services and links, including Development, Announcements, Building Codes, Building FAQ's, City Maps, Comprehensive Plan, Contact Us, Engineering FAQ, Enterprise Zone, Forms & Helpful Information, Housing Impact Analysis, Municipal Code of Sycamore, National Pollutant Discharge Elimination System (NPDES), Permit Fee Schedule, Projects Requiring a Permit, Public Sidewalk Program, and United Development Ordinance. At the bottom, there are three colored boxes: City Government (orange), Public Safety (green), and Public Works (blue).

Education and Outreach

City of Sycamore Website

- Provides Links to
 - EPA
 - Illinois Urban Manual



A screenshot of the Illinois Soil and Water Conservation Districts website. The header features the AISWCD logo and navigation links for About AISWCD, Events, Legislative, News, Calendar, Gallery, Contact Us, and Illinois Urban Manual. The main content area shows the "IUM Gallery" and "Education Videos" sections. A video player is displayed with the title "Permeable Pavements" and "Pervious Pavements". The video player includes a play button, a timestamp, and a progress bar. To the right of the video player is a sidebar titled "Other Resources" with links to various programs and awards. Below the video player is a large image of a construction site with the text "Erosion/Sediment Control on Construction Sites" and "Construction Solution t...". The video player also includes standard YouTube controls for volume, full screen, and closed captions.

Education and Outreach

City of DeKalb Website

- <http://www.cityofdekalb.com/358/DeKalb-Stormwater-Phase-2-Permit>

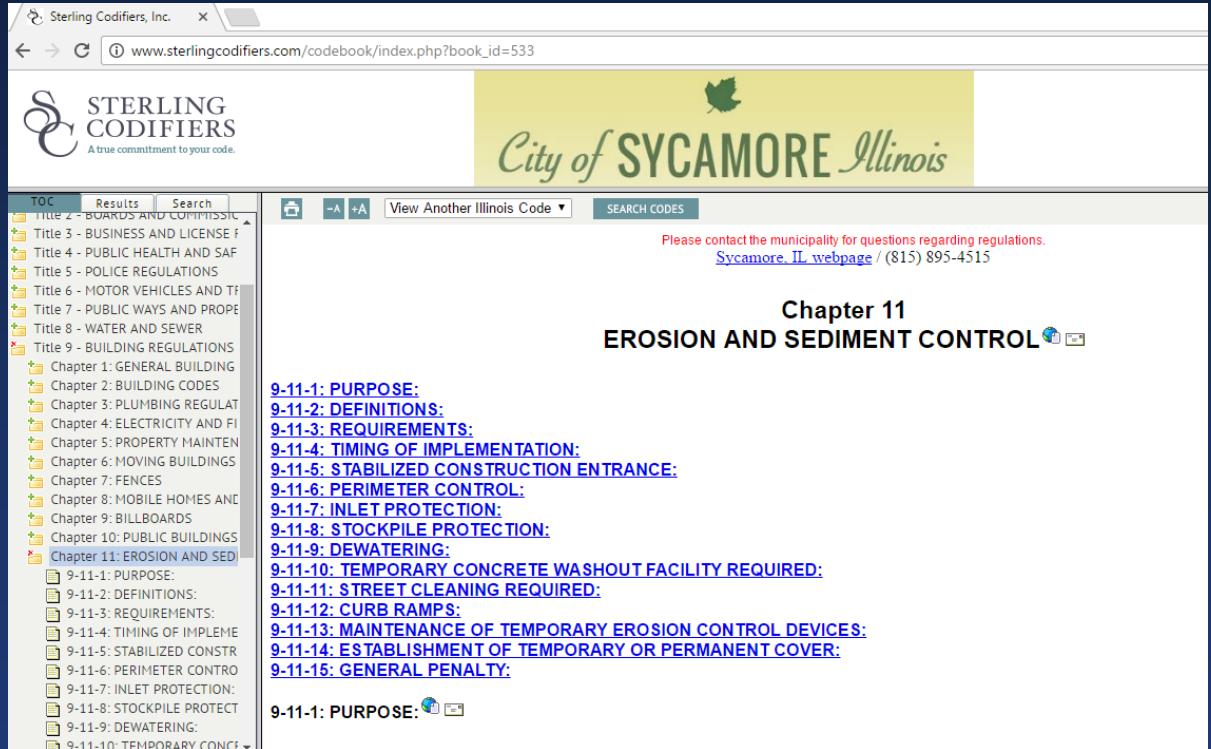
The screenshot shows the City of DeKalb website with a blue header featuring the city's logo and navigation links for Government, Services, Business Resources, Explore DeKalb, and How Do I... A sidebar on the left includes links for Overview, DeKalb Stormwater Phase 2 Permit, Flood Insurance Maps, and a Stormwater Project Implementation Plan (PDF). The main content area displays the 'DeKalb Stormwater Phase 2 Permit' page, which includes a brief description of the permit requirements and links to the NPDES Notice of Intent (2008-2012 PDF) and the NPDES Annual Facility Report (PDF). Below the content are links for Online Payments, Service Requests, Meetings & Agendas, Jobs Center, and Open Records Portal. The footer contains sections for Contact Us, DeKalb Online, FAQs, and Using This Site, along with the City of DeKalb logo and links to social media platforms.

A brochure titled 'Clean Water' from the 'Everybody's Business' campaign. It features a 'Dear Resident' section with a message about stormwater pollution and a 'By practicing healthy household habits...' section. It includes a 'Bookmark and help protect lakes, streams, rivers, and wetlands.' section and a 'Sincerely' section. The brochure also lists phone numbers for various DeKalb County locations: County (815-895-7188), Cities (DeKalb 815-748-2030, Sandwich 815-786-9321, Sycamore 815-895-4557, Town of Cortland 815-756-9041), and Villages (Hinckley 815-286-3836, Kingston 815-522-6179, Kirkland 815-824-2323, Malta 815-825-2330, Maple Park 815-827-3309, Shabbona 815-824-2127, Somonauk 815-498-3500, Waterman 815-264-3652). The brochure also features a 'CLIP HERE' section and a '10 Things You Can Do' checklist.

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 shows a web browser displaying the 'Sterling Codifiers, Inc.' website for the 'City of SYCAMORE Illinois'. The URL in the address bar is www.sterlingcodifiers.com/codebook/index.php?book_id=533. The page features the 'STERLING CODIFIERS' logo and a green banner with the city's name. A sidebar on the left contains a table of contents (TOC) for various city codes. The main content area is titled 'Chapter 11 EROSION AND SEDIMENT CONTROL' and lists numerous sub-chapters and requirements, many of which are hyperlinked in blue text.

STERLING CODIFIERS
A true commitment to your code.

City of SYCAMORE Illinois

TOC Results Search

View Another Illinois Code SEARCH CODES

Please contact the municipality for questions regarding regulations.
[Sycamore, IL webpage](#) / (815) 895-4515

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:](#)

9-11-1: PURPOSE:

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; martinkpan@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>; tivilet@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 Versluy Jr. (abversluy54@gmail.com) <abversluy54@gmail.com>; Brian Grainger (briang.solid@gmail.com) <briang.solid@gmail.com>; Chris Youssi (cyoussi@aol.com) <cyoussi@aol.com>; Chuck Shepard (tcapshep@comcast.net) <tcapshep@comcast.net>; Combined Development (combined@sbctglobal.net) <combined@sbctglobal.net>; dave@rdevelop.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 (jw1959@aol.com) <jw1959@aol.com>; Jim Farley (jimmmmm@mac.com) <jimmmmm@mac.com>; 'dave@shodeen.com' <dave@shodeen.com>; 'ebe@shodeen.com' <ebe@shodeen.com>; John Sauter (jsauter@cityofsycamore.com) <jsauter@cityofsycamore.com>; Dennis Winclawski (dwinclawski@cityofsycamore.com) <dwinclawski@cityofsycamore.com>; Mark Bushnell (mbushnell@cityofsycamore.com) <mbushnell@cityofsycamore.com>; Bob Ray (bray@cityofsycamore.com) <bray@cityofsycamore.com>; Ebe Smith (esmith@cityofsycamore.com) <esmith@cityofsycamore.com>; Fred Busse (fbusse@cityofsycamore.com) <fbusse@cityofsycamore.com>; Glenn Theriault (gtheriault@sycamorepd.com) <gtheriault@sycamorepd.com>; Brian Gregory (bgregory@cityofsycamore.com) <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_IxTyI 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

1815.885.6341 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



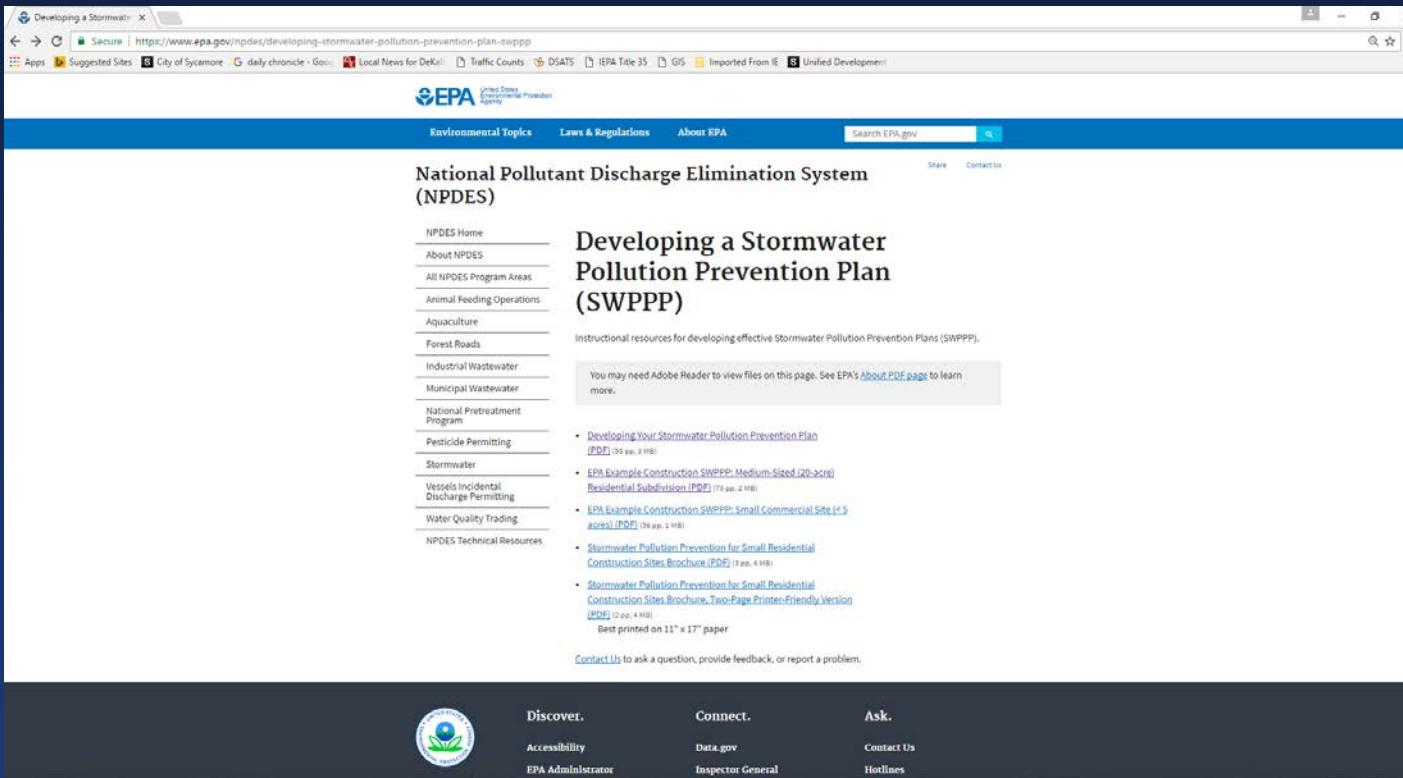
SWPPPs



- **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

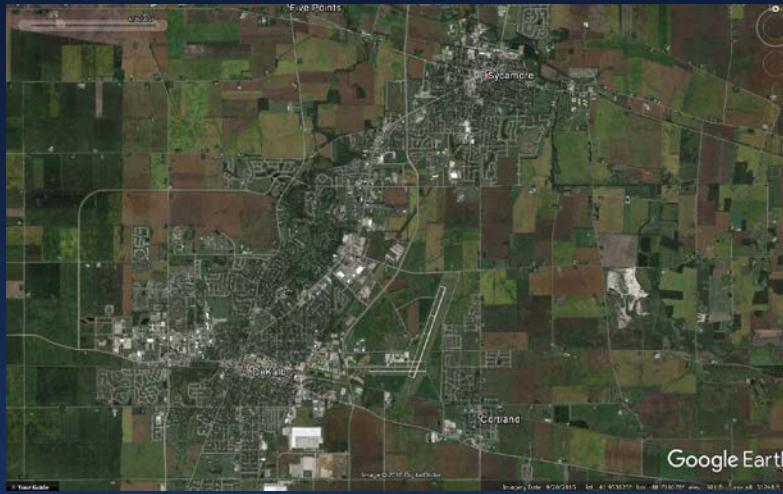
- IEPA Website
 - Step by Step Instructions
 - Multiple Size Sites
 - Sample Forms
- Submitted Electronically
 - 30 Days for IEPA
 - Threatened and Endangered Species
 - IHPA



The screenshot shows a web browser displaying the EPA's National Pollutant Discharge Elimination System (NPDES) website. The URL in the address bar is <https://www.epa.gov/npdes/developing-stormwater-pollution-prevention-plan-swppp>. The page title is "Developing a Stormwater Pollution Prevention Plan (SWPPP)". The main content area includes a sub-section titled "Developing a Stormwater Pollution Prevention Plan (SWPPP)" with a description: "Instructional resources for developing effective Stormwater Pollution Prevention Plans (SWPPP). You may need Adobe Reader to view files on this page. See EPA's [About PDF page](#) to learn more." Below this are several links to PDF files: "Developing Your Stormwater Pollution Prevention Plan" (PDF, 99 pp., 7 MB), "EPA Example Construction SWPPP: Medium-Sized (20-300) Residential Subdivision" (PDF, 17 pp., 2 MB), "EPA Example Construction SWPPP: Small Commercial Site (1-5 acres)" (PDF, 29 pp., 1 MB), "Stormwater Pollution Prevention for Small Residential Construction Sites Brochure" (PDF, 17 pp., 4 MB), and "Stormwater Pollution Prevention for Small Residential Construction Sites Brochure, Two-Page Printer-Friendly Version" (PDF, 2 pp., 4 MB). At the bottom of the page, it says "Best printed on 11" x 17" paper". The footer of the website includes links for "Discover.", "Connect.", and "Ask." with their respective icons, and links for "Accessibility", "Data.gov", "EPA Administrator", "Inspector General", "Contact Us", and "Hotlines".

SWPPPs

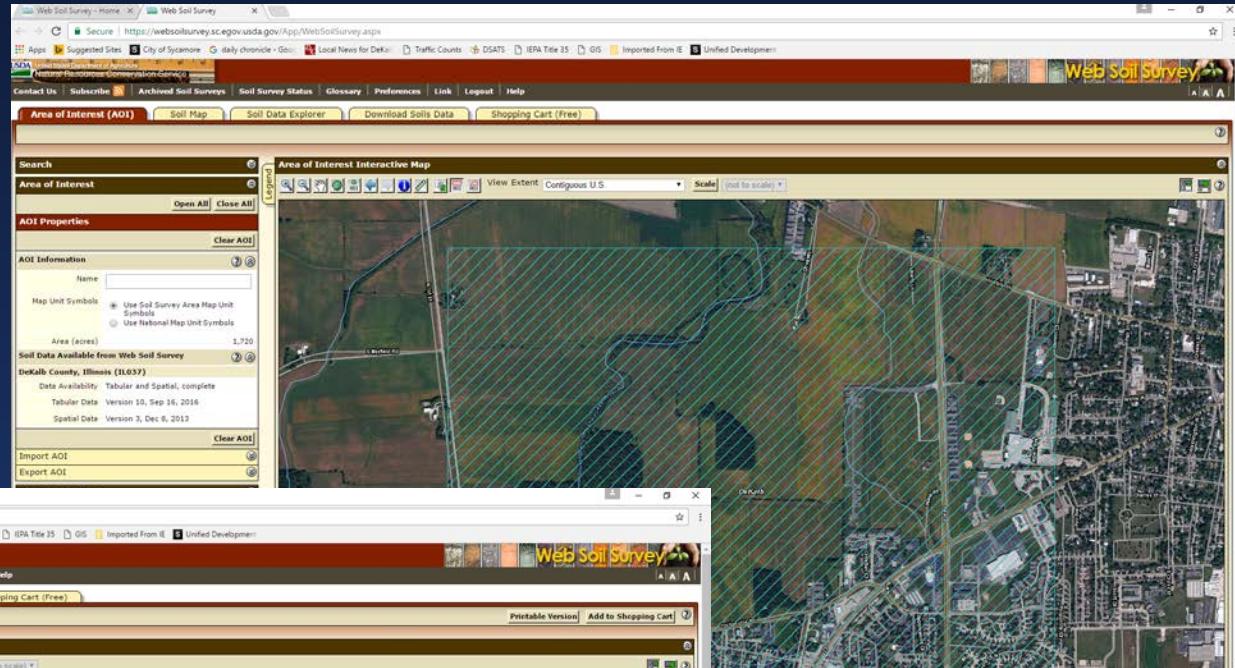
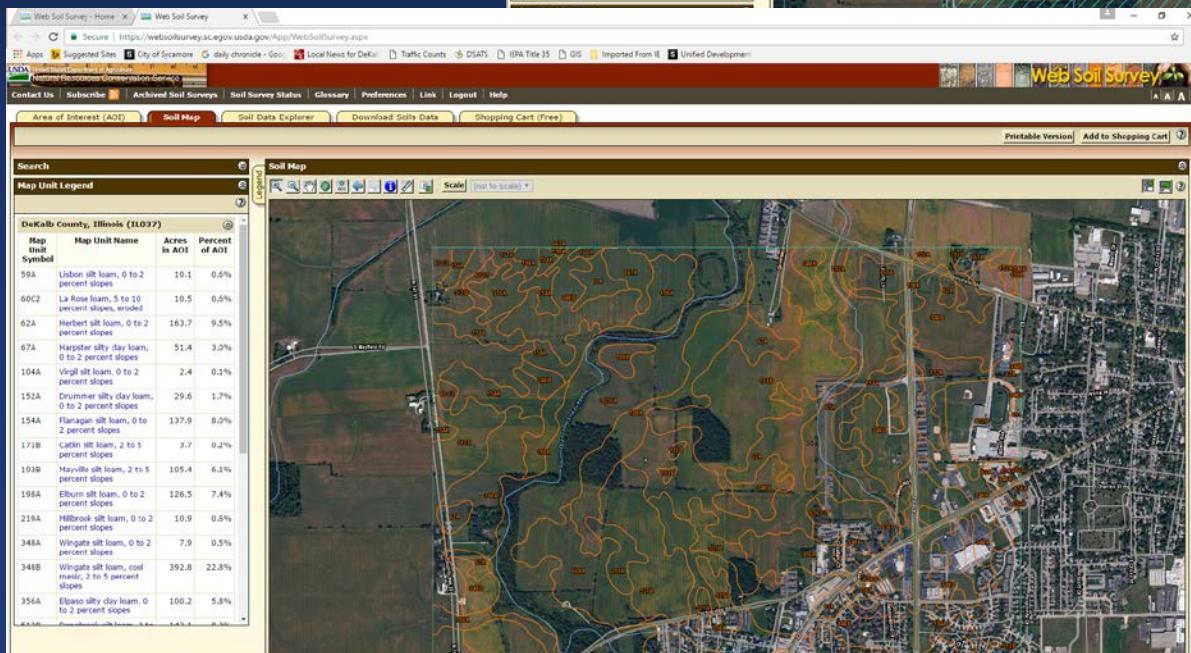
- **Google Earth**
 - Location Information
 - Areas/ Lengths
 - Google Earth
- **DeKalb County GIS**
 - Parcel Info
 - Floodplain Mapping (Basic)
 - Areas/ Lengths



SWPPPs

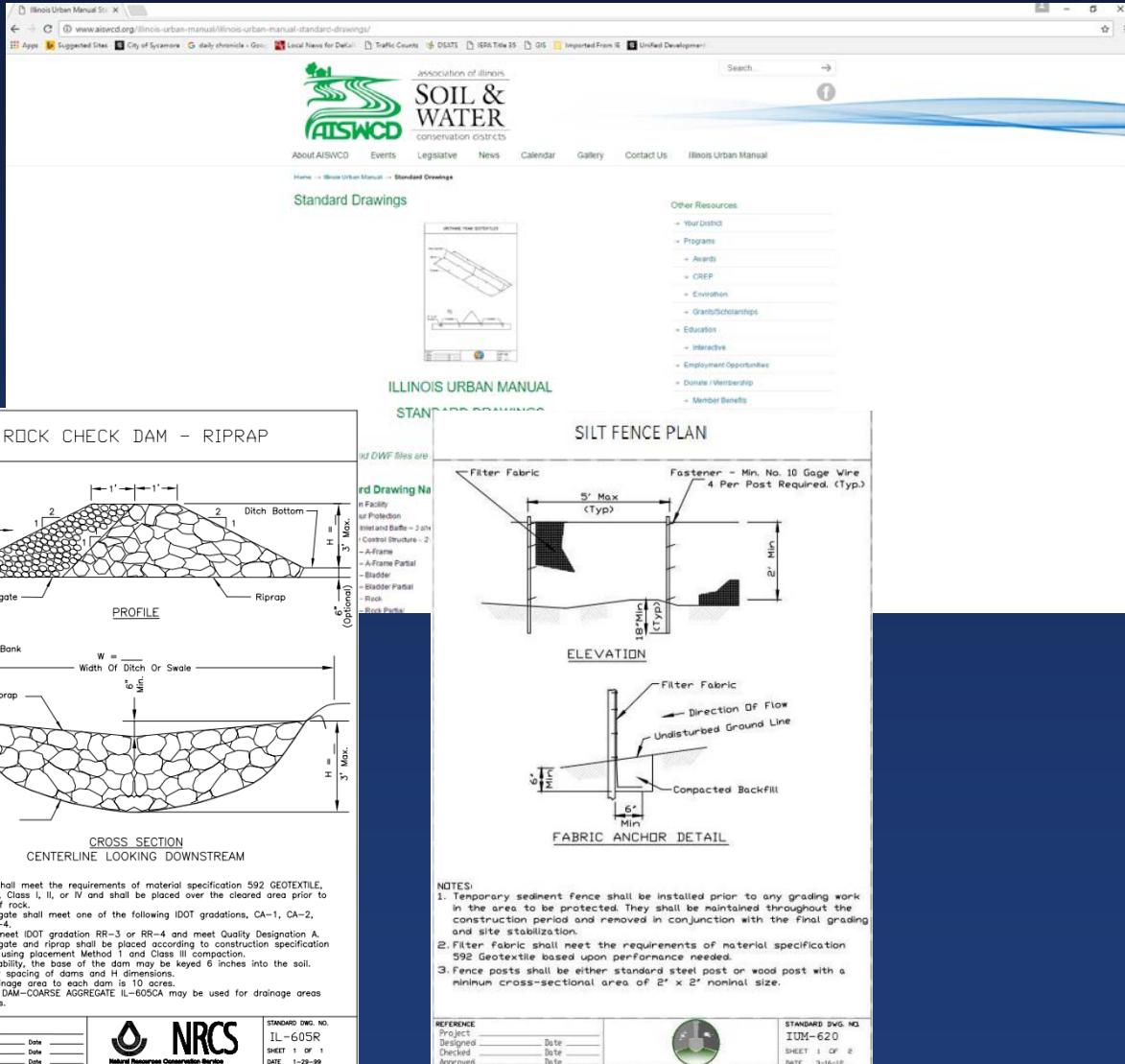
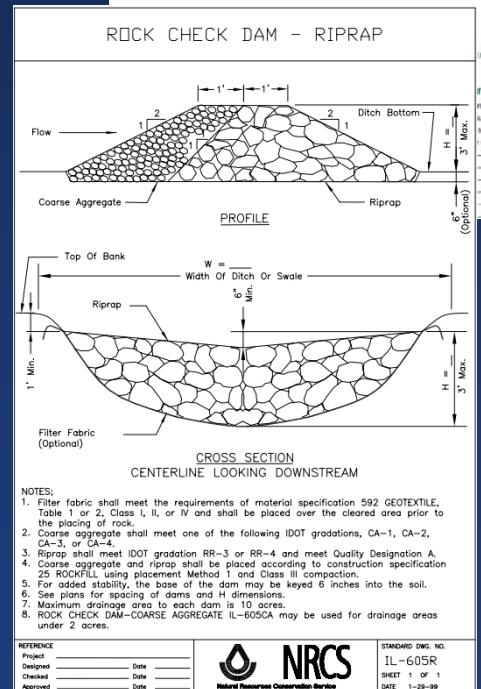
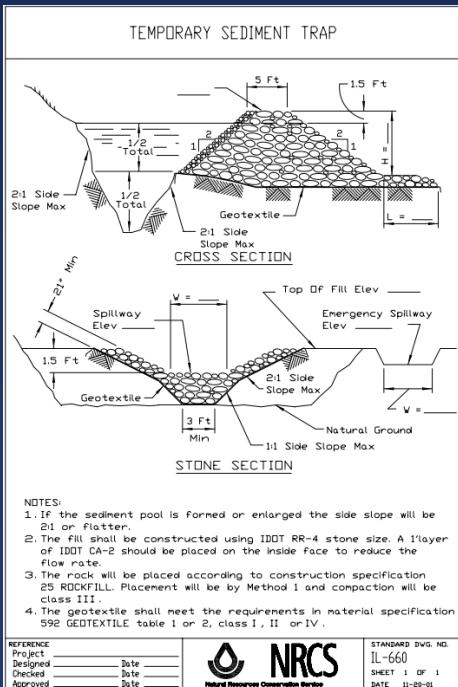
■ Soil Mapper

- <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
- Contact Local Vendors



Inspections

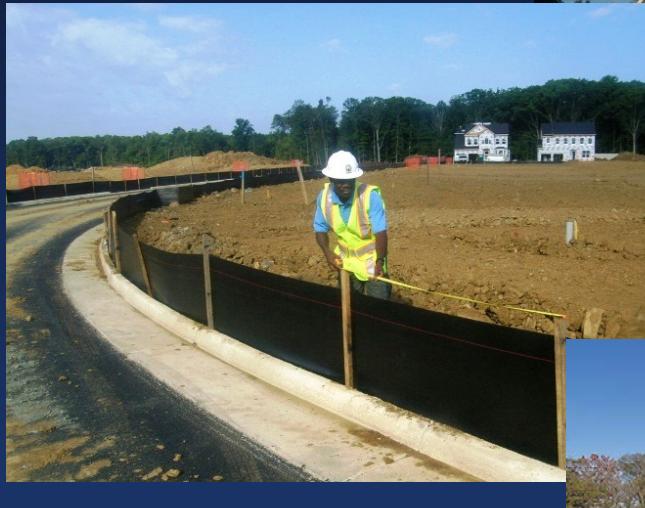
City of Sycamore Inspections

- **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: | | | |

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 |
| 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"/> | |
| 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 |
| 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 projection? <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 type="checkbox"/> Seeded <input checked="" type="checkbox"/> Mulched <input checked="" type="checkbox"/> Graveled | |
| 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) | |
| 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. |

| | |
|--|--|
| <p>Project #: 13-0180M Project Name: Fox Metro Water Reclamation</p> <p>Date: 03/24/2017 Observer: Andy Haglund</p> <p>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.</p> |  |
|--|--|

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

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Questions
or
Comments?