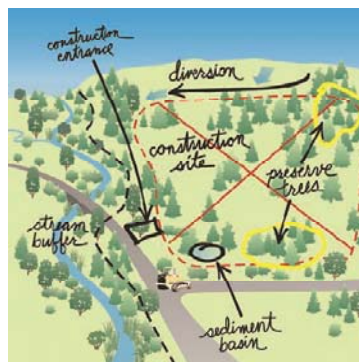


Overview of EPA's 2012 CGP

How to Obtain Permit Coverage

Step 2: Develop Your Stormwater Pollution Prevention Plan (SWPPP)

- ▶ SWPPPs must be developed prior to submitting NOI for permit coverage
- ▶ SWPPP contents:
 - ▶ Sequence and estimated dates of construction activities
 - ▶ Site map
 - ▶ Description of stormwater controls
 - ▶ Documentation of pollution prevention procedures
 - ▶ Documentation of procedures for inspections, maintenance, and corrective action



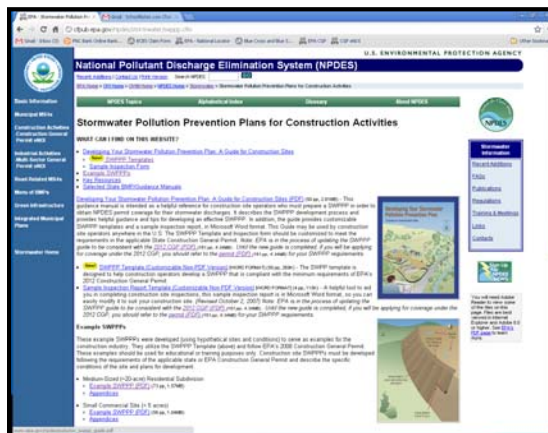
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How to Obtain Permit Coverage

New SWPPP Tools

- ▶ Updated SWPPP Template (completed)
- ▶ Updated SWPPP Guide (~2 months)
- ▶ Sample SWPPPs (~3-4 months)
- ▶ Sample Inspection / Corrective Action Forms (~1-2 month)



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Overview of EPA's 2012 CGP

How to Obtain Permit Coverage

Step 3: Submit Your NOI

Deadlines for Submitting NOIs

Type of Project	Deadline to Submit	Date of Permit Coverage
New Project (construction commencing on or after Feb 16, 2012)	At least 14 days prior to construction commencement	14 days after EPA has acknowledged receipt of your NOI, unless your authorization has been delayed or denied
Existing Project (construction commencing before February 16, 2012)	No later than May 16, 2012	14 days after EPA has acknowledged receipt of your NOI, unless your authorization has been delayed or denied
Emergency-Related Project	No later than 30 days after construction commencement	Provisionally covered under the permit immediately, and fully covered 14 calendar days after EPA has acknowledged receipt of your NOI, unless your authorization has been delayed or denied

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Overview of EPA's 2012 CGP

How to Obtain Permit Coverage

Submitting Your NOI Form

- ▶ Use EPA's electronic Notice of Intent system ("eNOI system"): www.epa.gov/npdes/stormwater/cgpenoi



- ▶ If you have a problem with the use of the eNOI system, contact the EPA Regional Office for approval to use a paper NOI

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How to Obtain Permit Coverage

▶ Required information in the NOI:

- ▶ Operator Information
- ▶ Project/Site Information
- ▶ Discharge Information
- ▶ Chemical Treatment Information
- ▶ SWPPP Information
- ▶ Endangered Species Protection
- ▶ Historic Preservation

The screenshot shows the EPA's Electronic Notice of Intent (NOI) Online Application form. The form is titled "Electronic Notice of Intent Online Application" and "Construction General Permit NOI". It includes a sidebar with navigation options like "Home", "Create New NOI", "Add Certification Key", "Go to My/Us", "Log out", and "External Links". The main form area is titled "Project Information" and includes fields for "Project/Site Name: asdf", "Project/Site Address" (Street Line 1: N/A, Street Line 2: , City: Washington, State: District of Columbia, Zip: 20501), "County or similar government subdivision: District of Columbia", "Latitude: 38.90329", "Longitude: -77.03537", and "Latitude/Longitude Data Source: USGS Topographical map, EPA Web Site, GIS, Other". A "View Code Book" link is at the bottom.

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Questions & Answers

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Overview of EPA's 2012 CGP

Erosion and Sediment Control Requirements – Restrictions on Use of Treatment Chemicals

- ▶ Cationic treatment chemicals
 - ▶ Polymers, flocculants, or other chemicals that contain an overall positive charge
 - ▶ Reduce turbidity in SW discharges by chemically bonding to the overall negative charge of suspended sediment particles and causing them to bind together and settle out
 - ▶ Acute toxicity found when some freshwater species (rainbow trout) exposed to cationic chemicals at low levels
 - ▶ Common examples: chitosan and cationic PAM



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Overview of EPA's 2012 CGP

Erosion and Sediment Control Requirements – Restrictions on Use of Treatment Chemicals

- ▶ The use of cationic treatment chemicals is not allowed under the CGP unless EPA specifically authorizes its use:
 - ▶ You will need to contact the applicable EPA Regional Office if you intend to use cationic treatment chemicals at your site to determine what information EPA requires to evaluate your request
 - ▶ Use of cationic chemicals will likely be subject to additional requirements to ensure protection of water quality standards
 - ▶ Examples: maximum dosage rate, residual testing, jar testing

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Erosion and Sediment Control - Site Stabilization

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Overview of EPA's 2012 CGP

Erosion and Sediment Control Requirements – Site Stabilization

- ▶ **When to Initiate Stabilization**
 - ▶ By no later than the end of the next work day after construction work in an area has stopped permanently or temporarily
- ▶ **When Stabilization Must be Completed**
 - ▶ If using vegetative measures, by no later than 14 days after initiating stabilization, the operator must:
 - ▶ Seed or plant the area, and provide temporary cover to protect planted area
 - ▶ Once established, vegetation must cover at least 70% of stabilized area based on density of native vegetation



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Erosion and Sediment Control Requirements – Site Stabilization

▶ When Stabilization Must be Completed

- ▶ If using non-vegetative stabilization, by no later than 14 days after initiating stabilization, the operator must:

1. Install or apply all non-vegetative measures
2. Cover all areas of exposed soil



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Overview of EPA's 2012 CGP

Erosion and Sediment Control Requirements – Site Stabilization

▶ Exceptions

- ▶ Arid, semi-arid (if construction occurs during seasonally dry period), or drought-stricken areas:
 - ▶ Within 14 days of stopping construction work in an area, install any necessary non-vegetative stabilization measures
 - ▶ Initiate vegetative stabilization as soon conditions on the site allow
 - ▶ Document the schedule that will be followed for initiating and completing vegetative stabilization
 - ▶ Area must be planted so that within 3 years 70% cover requirement is met
- ▶ Sites affected by severe storm events or other unforeseen circumstances (same as above for 3 requirements)

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Questions & Answers

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Pollution Prevention Requirements

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Pollution Prevention Requirements

The following discharges are prohibited:

- ▶ Wastewater from washout of concrete, unless managed by an appropriate control
- ▶ Wastewater from washout and cleanout of stucco, paint, form release oils, curing compounds, and other construction materials, unless managed by an appropriate control
- ▶ Fuels, oils, or other pollutants used for O&M of vehicles or equipment
- ▶ Soaps or solvents used in vehicle or equipment washing
- ▶ Toxic or hazardous substances from a spill or other release



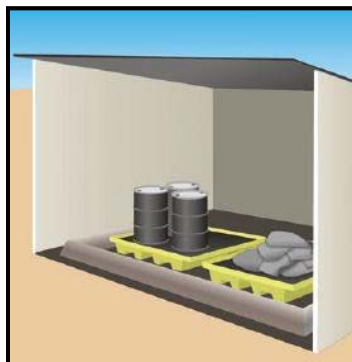
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Pollution Prevention Requirements

Design/Location Requirements

- ▶ Use effective means of preventing discharge from pollution sources
 - ▶ Minimize exposure, or
 - ▶ Use secondary containment or equivalent measures, or
 - ▶ Provide spill kits
- ▶ Use leak-proof containers for all chemicals
 - ▶ Locate away from surface waters, storm sewer inlets, and drainageways
 - ▶ Clean up spills immediately – do not clean by hosing area down



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Water Quality Requirements

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Overview of EPA's 2012 CGP

Water-Quality Requirements

- ▶ Construction site operators are required to determine if they discharge to a sensitive water
 - ▶ Surface waters impaired for sediment or nutrients
 - ▶ Use "water locator" tool in eNOI system, or
 - ▶ Other information sources
 - ▶ High quality water (Tier 2, Tier 2.5, or Tier 3)
 - ▶ Consult list of such waters in Appendix F



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Overview of EPA's 2012 CGP

Water-Quality Requirements

- ▶ Stricter requirements apply if a site will discharge to one of these sensitive waters
 - 1. More rapid stabilization of exposed areas
 - ▶ Complete initial stabilization activities within 7 days of stopping construction work (instead of 14)
 - 2. More frequent site inspections
 - ▶ Once every 7 days and within 24 hrs of storm event of 0.25 in or greater

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Inspections and Corrective Actions

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Overview of EPA's 2012 CGP

Inspection Requirements



- ▶ **Inspection frequency:**
 - ▶ At least once every 7 calendar days;
 - or**
 - ▶ Once every 14 calendar days and within 24 hours of a storm event of 0.25 inches or greater.
- ▶ **Note:**
 - ▶ Inspections only required during working hours
 - ▶ Inspections not required during unsafe conditions
 - ▶ If you choose to inspect once every 14 days, permittee must have a method for measuring rainfall amount on site (either rain gauge or representative weather station)

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Overview of EPA's 2012 CGP

Inspection Requirements

- ▶ **Reductions in inspection frequency:**
 - ▶ **Stabilized areas:** can reduce inspections to once per month
 - ▶ **Arid, semi-arid, and drought stricken areas:** if construction is occurring during the seasonally dry period or during a period in which drought is predicted to occur, can reduce inspections to once per month and within 24 hours of a 0.25 inch storm event
 - ▶ **Frozen conditions:** can temporarily suspend or reduce inspections (to once per month) until thawing conditions occur if frozen conditions are continuous and disturbed areas have been stabilized

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Overview of EPA's 2012 CGP

Inspection Requirements

- ▶ **Areas to be inspected:**
 - ▶ All disturbed areas
 - ▶ All stormwater controls and pollution prevention measures
 - ▶ All locations where stabilization measures have been implemented
 - ▶ Material, waste, borrow, or equipment storage and maintenance areas
 - ▶ All areas where stormwater flows
 - ▶ All points of discharge

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Overview of EPA's 2012 CGP

Inspection Requirements

- ▶ **What to check for during inspections:**
 - ▶ Whether all SW controls are installed, operational, and working as intended
 - ▶ If any new or modified stormwater controls are needed
 - ▶ Conditions that could lead to a spill or leak
 - ▶ Visual signs of erosion/sedimentation at points of discharge
 - ▶ If a discharge is occurring:
 - ▶ The quality and characteristics of the discharge
 - ▶ Whether controls are operating effectively
 - ▶ Conditions requiring corrective action

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Overview of EPA's 2012 CGP

Inspection Requirements

- ▶ **Inspection report:**
 - ▶ Within 24 hours of an inspection, complete a report that includes:
 - ▶ Inspection date
 - ▶ Name and title of inspector(s)
 - ▶ Summary of inspection findings
 - ▶ Rainfall amount that triggered the inspection (if applicable)
 - ▶ If it was unsafe to inspect a portion of the site, include documentation of the reason and the location(s)
 - ▶ Each inspection report must be signed
 - ▶ Must keep a current copy of all reports at the site or at an easily accessible location

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Overview of EPA's 2012 CGP

Corrective Action Requirements

- ▶ **When are corrective actions required:**
 - ▶ A SW control was never installed or was installed incorrectly
 - ▶ Your discharges are not meeting water quality standards
 - ▶ A prohibited discharge occurs
- ▶ **If a corrective action is required, you must:**
 - ▶ Immediately take all steps to prevent pollutant discharges until a permanent solution is implemented
 - ▶ Install a new or modified control and make it operational, or complete the repair, within 7 calendar days from the time of discovery.
 - ▶ If it is infeasible to complete the repair within 7 calendar days, you must document schedule for completing the repair

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Overview of EPA's 2012 CGP

Corrective Action Requirements

- ▶ **Corrective action report:**
 - ▶ Within 24 hours of a triggering condition occurring, complete a corrective action report that includes:
 - ▶ The condition identified at your site
 - ▶ The nature of the conditions identified
 - ▶ The date and time of the condition and how it was identified
 - ▶ Within 7 calendar days of a triggering condition occurring, complete a corrective action report that includes:
 - ▶ Any follow-up actions to review the design, installation, and maintenance of controls
 - ▶ A summary of stormwater control modifications taken or to be taken, including a schedule of actions to be taken to implement changes
 - ▶ Notice of whether SWPPP modifications are required
 - ▶ Each corrective action report must be signed
 - ▶ Must keep a current copy of all reports at the site or at an easily accessible location

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How to Terminate Coverage

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Overview of EPA's 2012 CGP

How to Terminate Permit Coverage

- ▶ Permit coverage must be terminated within 30 days of any of the following conditions occurring at the site:
 - ▶ All earth-disturbing activities on the site have been completed and final stabilization has been achieved
 - ▶ Permit coverage has been transferred to another operator
 - ▶ Coverage under an individual or alternative general NPDES permit has been obtained

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Overview of EPA's 2012 CGP

How to Terminate Permit Coverage

- ▶ Use EPA's electronic Notice of Intent system ("eNOI system"): www.epa.gov/npdes/stormwater/cgpenoi



- ▶ If you have a problem with the use of the eNOI system, contact the EPA Regional Office for approval to use a paper NOT.

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Overview of EPA's 2012 CGP

How to Terminate Permit Coverage

- ▶ Required information in the NOT:
 - ▶ NPDES tracking number
 - ▶ Basis for NOT submission
 - ▶ Operator contact information
 - ▶ Name of project and address
 - ▶ NOT certification

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Questions & Answers

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For more information:

- ▶ Go to www.epa.gov/npdes/stormwater/cgp to view the permit, fact sheet, and additional information
- ▶ For any questions, e-mail cgp@epa.gov

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Participation Certificate

- ▶ If you would like to obtain a participation certificate, copy the link below into your web browser.

http://www.epa.gov/npdes/outreach_files/sw_webcast_cert_march1512.pdf

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