



TN Construction General Permit

November 30, 2021 (West TN), January 25, 2022 (Middle TN) and
February 22, 2022 (East TN)

Overview

- EFO Contacts
- Reissued Construction General Permit (CGP) basics
- Notice of Intent (NOI) components
- Application Submission Process
- MyTDEC Forms
- Application Fees and Annual Maintenance Fees
- Online Resources
- CGP and Stormwater Pollution Prevention Plan
- Changes, Updates and more
- ARAPs-brief overview

Introductions

❑ Moderator

- ❖ John LeCroy (Office of External Affairs)

❑ Presenters

- ❖ Joellyn Brazile (Memphis Environmental Field Office)
- ❖ Ann Morbitt (Nashville Central Office)

❑ Additional Resources

- ❖ Jonathon Burr (Nashville Central Office)
- ❖ Karina Bynum (Nashville Central Office)
- ❖ Angela Jones (Nashville Central Office)
- ❖ Local EFO Staff

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Housekeeping Items

- ✓ **Please make sure your microphone is muted!**
- ✓ **Recommend you turn your video off.**
- ✓ **Opportunity for questions will be at the end of the session. Please use the chat function or the raise your hand function if you would like to submit/ask a question. We will ask you to unmute your microphone when needed.**
- ✓ **To request the 1 hour PDH certificate at the conclusion of the session, please use the chat function to type your full name and email address. We will notify attendees at the right moment to start submitting contact info in the chat.**

West TN Region Contacts

❑ Memphis Environmental Field Office

❖ **Manager:** Joellyn Brazile 901-237-6000 Joellyn.Brazile@tn.gov

❖ **Staff:** Heather Smith 901-302-8537 Heather.N.Smith@tn.gov

Cliff Caudle 901-395-3851 Cliff.Caudle@tn.gov

Scarlett Bouzeid 901-304-7228 Scarlett.Bouzeid@tn.gov

Jordan Evans 901-302-5350 Jordan.L.Evans@tn.gov

❖ **Administrative Team:** 901-371-3000

Stephanie Richey Stephanie.Richey@tn.gov

Nicole Beers Nicole.Beers@tn.gov

Ida Armstrong Ida.B.Armstrong@tn.gov

West TN Region Contacts

❑ Jackson Environmental Field Office

❖ **Manager:** Conner Franklin 731-512-1302 Conner.Franklin@tn.gov

❖ **Staff:** Gregg Overstreet 731-225-2689 Gregg.Overstreet@tn.gov

Brian Wallace 731-571-1280 Brian.Wallace@tn.gov

April Caudill 731-693-0377 April.Caudill@tn.gov

Stephen Miller 731-487-0470 Stephen.M.Miller@tn.gov

❖ **Administrative Team:** 731-512-1300

Morgan Searcy Morgan.Searcy@tn.gov

Christina Jones Christina.S.Jones@tn.gov

Middle TN Region Contacts

❑ Nashville Environmental Field Office

- ❖ **Manager:** Tim Jennette (Tim.Jennette@tn.gov) 615-351-5552
- ❖ **Staff:** Bill Murph (Bill.Murph@tn.gov) 615-979-1604
- ✓ Brandon Yates (Brandon.Yates@tn.gov) 615-626-3573
- ✓ Brooke Heriges (Brooke.Heriges@tn.gov) 615-767-1430
- ✓ John Leffew (John.Leffew@tn.gov) 615-744-9419
- ✓ Katie Murphy (Katie.Murphy@tn.gov) 615-922-8977
- ✓ Lilia Sewell (Lilia.Sewell@tn.gov) 615-218-0330
- ✓ Virginia Lawrence (Virginia.Lawrence@tn.gov) 615-714-0730

- ❖ **Administrative Team:** (615) 687-7000
- ✓ Lonna Justus (Lonna.Justus@tn.gov) 615-687-7068

Middle TN Region Contacts

❑ Columbia Environmental Field Office

- ❖ **Manager:** Sherry Glass (Sherry.Glass@tn.gov) 931-444-9187
- ❖ **Staff:** Chad Augustin (Chad.Augustin@tn.gov) 931-548-9823
- ✓ Alex Wilson (Alex.Wilson@tn.gov) 931-287-3595

❖ **Administrative Team:** (931) 380-3371

- ✓ Jennifer Greer jennifer.greer@tn.gov Phone: 931-800-9523
- ✓ Shirley Pruitt shirley.pruitt@tn.gov Phone: 931-286-4188

Middle TN Region Contacts

❑ **Cookeville Environmental Field Office**

- ❖ **Manager:** Brad Ulmer (Brad.Ulmer@tn.gov) 931-520-6672
- ❖ **Staff:** Jeff Patton (Manager CGP Program) (Jeff.Patton@tn.gov) 931-787-2039
- ✓ Oakley Hall (Oakley.Hall@tn.gov) 931-250-3582
- ✓ Lonnie McCloud (Lonnie.McCloud@tn.gov) 931-287-1033
- ✓ Tracy Daugherty (Tracy.Daugherty@tn.gov) 931-202-0864
- ✓ Matthew Harris (Matthew.Harris@tn.gov) 931-267-3503

- ❖ **Administrative Team:** (931) 520-6688
- ✓ Jo Thurman (Jo.A.Thurman@tn.gov) 931-520-6655
- ✓ Shelby Pinkston (Shelby.J.Pinkston@tn.gov) 931-520-6658
- ✓ Leslie Melton (Leslie.Melton@tn.gov) 931-520-2445

East TN Region Contacts

❑ **Chattanooga Environmental Field Office**

❖ **Manager:** Jennifer Innes (Jennifer.Innes@tn.gov) 423-634-5719

❖ **Staff:**

✓ Jason Dees (Jason.Dees@tn.gov) 423-497-6125

✓ Natalie Lankford (Natalie.Lankford@tn.gov) 423-883-7526

✓ Nikki Carpenter (Nikki.Carpenter@tn.gov) 423-661-5267

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✓ Barbara Russell (Barbara.Russell@tn.gov) 423-634-5745

✓ Cali Dobbins (Cali.Dobbins@tn.gov) 423-296-2260

East TN Region Contacts

❑ Knoxville Environmental Field Office

- ❖ **Manager:** Michael Atchley (Michael.Atchley@tn.gov) 865-202-8134
- ❖ **Staff:** Shari Winburn (Shari.Winburn@tn.gov) 423-736-2906
- ✓ Valerie McFall (Valerie.Mcfall@tn.gov) 865-606-3696
- ✓ Leigh Yates (Leigh.Yates@tn.gov) 865-606-0678
- ✓ Michael Swanger (Michael.Swanger@tn.gov) 865-364-9505
- ✓ Allen Wilkinson (Allen.Wilkinson@tn.gov) 865-606-0288
- ✓ Christie Renfro (Christie.Renfro@tn.gov) 865-364-9495
- ✓ Josh Frazier (Joshua.Frazier@tn.gov) 865-364-9500

- ❖ **Administrative Team:**
- ✓ Sondra Wood (Sondra.Wood@tn.gov) 865-594-0869

East TN Region Contacts

❑ Johnson City Environmental Field Office

❖ **Manager:** Dane Cutshaw (Dane.Cutshaw@tn.gov) 423-483-0670

❖ **Staff:**

✓ Tina Robinson (Tina.A.Robinson@tn.gov) 423-268-0134

✓ Brian Plante (Brian.Plante@tn.gov) 423-439-9798

❖ **Administrative Team:** (423) 854-5400

✓ Tonya Dennis (Tonya.Dennis@tn.gov) 423-854-5400

Mission Statement

❑ **Division of Water Resources Mission Statement**

- ❖ To protect and improve waters of the State and to safeguard public health for all Tennesseans through regulatory activities, education and outreach, implemented by a professional workforce.

The review of construction applications focuses on this mission statement. A goal of today's presentation is to discuss necessary information that should be contained in submitted applications. Applications with complete and accurate information when initially submitted enhances the Division's review process and ability to process the application.

TN Construction General Permit (CGP)

- Effective October 1, 2021
- Search “TDEC CGP”
- Check out the Construction Stormwater Permit Overview YouTube video!
- Obtaining Permit Coverage-A complete Notice of Intent (NOI), Stormwater Pollution Prevention Plan (SWPPP) and application fee are required to be submitted to obtain coverage under the CGP.

New: Section 1.4-Submitting for coverage under this permit means that an applicant has examined a copy of this permit and thereby acknowledged the applicant’s claim of ability to comply with permit terms and conditions.

CGP Notice of Intent-Appendix A of CGP

**Make sure all these fields are accurate
and complete!**



TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION

Division of Water Resources

William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Avenue, 11th Floor, Nashville, TN 37243

Toll Free Number: 1-888-891-8332 (TDEC)

Notice of Intent (NOI) for General NPDES Permit for Stormwater Discharges from Construction Activities (TNR100000)

Site or Project Name:		NPDES Tracking Number: TNR	
Street Address including city or zip code or Location:		Construction Start Date:	
Site Description:		Estimated End Date:	
		Latitude (dd.dddd):	
		Longitude (-dd.dddd):	
County(ies):	MS4 Jurisdiction (if applicable):	Acres Disturbed:	
		Total Acres:	
Are there any streams <input type="checkbox"/> and/or wetlands <input type="checkbox"/> on or adjacent to the construction site? If wetlands are located on-site and may be impacted, attach wetlands delineation report. If an Aquatic Resource Alteration Permit has been obtained for this site, what is the permit number? ARAP Number:			
Receiving waters:			
Include the SWPPP with the NOI <input type="checkbox"/> SWPPP Included		Include a site location <input type="checkbox"/> Map Included	

CGP Notice of Intent (NOI)

- Site or Project Name**-Do not use only the address of the site (if possible). Example: Walker Hill Estates
- Site Address including city or zip code or Location**-Street address is preferred or location of nearest streets.
- Site Description**-Include as much information as possible regarding what WILL be built/constructed, not just clearing and grading (unless that's the extent of the work to be done onsite). Please do not state what current conditions are.
- County(ies)**-Include the correct county.
- MS4 Jurisdiction**-Include the name of the correct MS4.
- Construction Start Date/Estimated End Date**-If the start date is listed in the past or as "ASAP" please be reminded that the discharge of stormwater associated with construction activity is not authorized until the NOC is issued. May need to remind your clients of this.

CGP Notice of Intent (NOI)

- ❑ **Latitude/Longitude**-Must be entered in decimal degrees, not degrees, minutes, seconds. Please make sure it's correct! Use the center of the site as the point.
- ❑ **Acres Disturbed/Total Acres**-Correctly list both. If different, full details of the difference must be included in the SWPPP. Hint: Acres Disturbed cannot be larger than Total Acres (without full explanation in the SWPPP).
- ❑ **Streams and/or Wetlands on or adjacent to the construction site**
 - ✓ It is imperative that the site be reviewed for potential water resource features. The failure to review the site for these features is the main reason application review cannot be completed and it delays DWR's review significantly and could cause the project design to be changed drastically.
 - ✓ Remember that any channel on-site that is a wet weather conveyance should have an official hydrologic determination done by a qualified hydrologic professional. Hint: "Streams" don't always show up as a dotted or solid blue line on the topo map.

CGP Notice of Intent (NOI)

Aquatic Resource Alteration Permit

- ✓ If the application has already been submitted, please include ARAP tracking/permit number.
- ✓ The Division reserves the right to delay or withhold issuance of CGP coverage until the appropriate ARAP coverage has been obtained.

Receiving Waters-Include the first surface waterbody that the site discharges into.

SWPPP Included/Map Included-Both boxes should be checked since this information is required to be submitted with the application. The topo map included should meet requirements stated in **Section 3.2.2** of the CGP.

CGP Notice of Intent (NOI)

Make sure all these fields are accurate and complete!

Name of Site Owner or Developer (Site-Wide Permittee): (correct legal name of person, company, or entity that has operational or design control over construction plans and specifications)			
For corporate entities only, provide the Tennessee Secretary of State (SOS) Control Number:			
Site Owner or Developer Contact Name: (individual responsible for site)		Title or Position: (the party who signs the certification below):	
Mailing Address:		City:	State: Zip:
Phone: ()		E-mail:	
Optional Contact Name:		Title or Position:	
Mailing Address:		City:	State: Zip:
Phone: ()		E-mail:	

CGP Notice of Intent (NOI)

- ❑ **Name of Site Owner or Developer (Site-Wide Permittee)**-The name of the Site Owner/Developer (the correct legal name of the person, company, or legal entity that has operational or design control over construction plans and specifications) must be included. If someone's personal name is provided, then they will be considered personally liable.
- ❑ **Secretary of State Control Number (corporate entities only)**-If a company name is the primary permittee, then the company must be registered to do business within the state of TN and be active with the Secretary of State records (except for certain situations-see permit for more details).
- ❑ **Site Owner or Developer Contact Name**-Please include all the information requested. Including: Title, Mailing Address, City, State, Zip, Phone and most importantly Email!
- ❑ **Optional Contact**-Please include another party that is familiar with the project and who could serve as an optional/additional contact to the owner/developer/primary permittee.

CGP Notice of Intent (NOI)

❑ Owner/Developer(s) Certification

- ✓ Print/type the name, then sign and date. Electronic signatures are acceptable.
- ✓ The person is signing the NOI and SWPPP on behalf of the Owner/Developer entity.
- ✓ This person must meet signatory requirements as stated in **Section 8.7** of the CGP (i.e. responsible corporate officer).

Owner or Developer Certification: (must be signed by president, vice-president or equivalent, or ranking elected official) (Primary Permittee)

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Owner or Developer Name: (print or type)

Signature:

Date:

CGP Notice of Intent (NOI)

❑ Contractor Certification

- ✓ The application can be reviewed and the NOC can be issued without a contractor being listed; however, any entity meeting the definition of secondary permittee as defined by **Section 2.1.3** of the CGP is required to obtain coverage by signing the NOI and SWPPP.
- ✓ The person signing on behalf of the contracting company must meet signatory requirements as stated in **Section 8.7** of the CGP (i.e. responsible corporate officer).
- ✓ Include ALL contact information (company name, print signatory name as well as sign, mailing address, phone, and email).
- ✓ If multiple contractors meet the definition of secondary permittee, multiple contractors should sign the NOI.

Contractor(s) Certification: (must be signed by president, vice-president or equivalent, or ranking elected official) (Secondary Permittee)		
I certify under penalty of law that I have reviewed this document, any attachments, and the SWPPP referenced above. Based on my inquiry of the construction site owner/developer identified above and/or my inquiry of the person directly responsible for assembling this NOI and SWPPP, I believe the information submitted is accurate. I am aware that this NOI, if approved, makes the above-described construction activity subject to NPDES permit number TNR100000, and that certain of my activities on-site are thereby regulated. I am aware that there are significant penalties, including the possibility of fine and imprisonment for knowing violations, and for failure to comply with these permit requirements.		
Primary contractor name, address, and SOS control number (if applicable): (print or type)	Signature:	Date:
Primary contractor name, address, and SOS control number (if applicable): (print or type)	Signature:	Date:
Primary contractor name, address, and SOS control number (if applicable): (print or type)	Signature:	Date:

Application Submission

Section 3.3-Where and How to Submit an Application

- ❖ Applications are submitted to the EFO where the site is located.

- ❖ **Memphis EFO Region**-Shelby, Tipton, Fayette, and Hardeman

- ❖ **Jackson EFO Region**-Benton, Carroll, Decatur, Dyer, Hardin, Haywood, Lake, Lauderdale, Obion, Weakley, Chester, Crockett, Gibson, Henderson, Henry, Madison, and McNairy

- Division staff have 30 days to review and deem complete or incomplete. If complete NOC will be issued.

Application Submission

Section 3.3-Where and How to Submit an Application

- ❖ Applications are submitted to the EFO where the site is located.
- ✓ **Nashville EFO Region**-Cheatham, Davidson, Dickson, Houston, Humphreys, Montgomery, Robertson, Rutherford, Stewart, Sumner, Williamson, and Wilson
- ✓ **Columbia EFO Region**-Bedford, Coffee, Franklin, Giles, Hickman, Lawrence, Lewis, Lincoln, Marshall, Maury, Moore, Perry, Wayne
- ✓ **Cookeville EFO Region**-Cannon, Clay, Cumberland, Dekalb, Fentress, Jackson, Macon, Overton, Pickett, Putnam, Smith, Van Buren, Warren, White, and Trousdale
- Division staff have 30 days to review and deem complete or incomplete. If complete NOC will be issued.

Application Submission

❑ **Section 3.3-Where and How to Submit an Application**

- ❖ Applications are submitted to the EFO where the site is located.
- ❖ **Chattanooga EFO Region**-Bledsoe, Bradley, Grundy, Hamilton, Marion, McMinn, Meigs, Polk, Rhea, and Sequatchie
- ❖ **Knoxville EFO Region**-Anderson, Blount, Campbell, Claiborne, Cocke, Grainger, Hamblen, Jefferson, Knox, Loudon, Monroe, Morgan, Roane, Scott, Sevier, and Union
- ❖ **Johnson City EFO Region**-Carter, Greene, Hancock, Hawkins, Johnson, Sullivan, Unicoi, and Washington
- ❖ Division staff have 30 days to review and deem complete or incomplete. If complete NOC will be issued.

Application Submission

❖ **Memphis EFO Submittal Options:**

- ✓ DWR.MEFO.Permits@tn.gov
- ✓ 8383 Wolf Lake Drive, Bartlett, TN 38133

❖ **Jackson EFO Submittal Options:**

- ✓ Gregg.Overstreet@tn.gov
- ✓ 1625 Hollywood Drive, Jackson TN 38305

❖ **New: Section 3.3.2- Submittal Using Electronic Forms**

The Division of Water Resources is in the process of launching the new **MyTDEC Forms** online customer portal (<https://forms.tdec.tn.gov/>) for submission of permit applications and reports.

Application Submission

❖ **Nashville EFO** Submittal Options:

- ✓ DWR.NEFO@tn.gov
- ✓ 711 R.S. Gass Blvd, Nashville, TN 37216

❖ **Columbia EFO** Submittal Options:

- ✓ Columbia.EFO_ADM@tn.gov
- ✓ 1421 Hampshire Pike, Columbia, TN 38401

❖ **Cookeville EFO** Submittal Options:

- ✓ TDEC.Cookeville.EFO@tn.gov OR MyTDEC Portal
- ✓ 1221 South Willow Ave, Cookeville, TN 38506

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Application Submission

❖ **Chattanooga EFO Submittal Options:**

- ✓ Barbara.Russell@tn.gov
- ✓ 1301 Riverfront Parkway, Suite #206, Chattanooga, TN 37402

❖ **Knoxville EFO Submittal Options:**

- ✓ TDEC.KEFO.DWRPermits@tn.gov OR MyTDEC portal
- ✓ 3711 Middlebrook Pike, Knoxville, TN 37921

❖ **Johnson City EFO Submittal Options:**

- ✓ TDEC.JohnsonCity.EFO@tn.gov OR MyTDEC portal
- ✓ 2305 Silverdale Road, Johnson City, TN 37601

❖ **New: Section 3.3.2- Submittal Using Electronic Forms**

The Division of Water Resources is in the process of launching the new **MyTDEC Forms** online customer portal (<https://forms.tdec.tn.gov/>) for submission of permit applications and reports.

My TDEC Forms

- ❑ The MyTDEC Forms portal was created to **comply with EPA's National Pollutant Discharge Elimination System (NPDES) Electronic Reporting Rule (eRule)**, which requires electronic reporting and sharing of NPDES program data.
- ❑ Search “MyTDEC Forms User Guide” to find information on how to use the system.
- ❑ Using the MyTDEC Forms online customer portal is encouraged.

NOTE: Most EFO staff review applications electronically (not by paper). Therefore, submitting by electronic means is helpful and expedites our review.

My TDEC Forms

Those of you that would like to participate in the launch and begin utilizing the MyTDEC CGP NOI please contact:

- Joellyn Brazile (Joellyn.Brazile@tn.gov) for projects located in the Memphis Environmental Field Office region.
- Gregg Overstreet (Gregg.Overstreet@tn.gov) for projects located in the Jackson Environmental Field Office region.
- Ann Morbitt (Ann.Morbitt@tn.gov) for the point of contact located in another Environmental Field Office region.

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Those of you that would like to participate in the launch and begin utilizing the MyTDEC CGP NOI please contact:

- Lilia Sewell (Lilia.Sewell@tn.gov) for projects located in the Nashville Environmental Field Office region.
- Chad Augustin (Chad.Augustin@tn.gov) for projects located in the Columbia Environmental Field Office region.
- Oakley Hall (Oakley.Hall@tn.gov) for projects located in the Cookeville Environmental Field Office region.
- Ann Morbitt (Ann.Morbitt@tn.gov) for the point of contact located in another Environmental Field Office region.

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Those of you that would like to participate in the launch and begin utilizing the MyTDEC CGP NOI please contact:

- Jason Dees (Jason.Dees@tn.gov) for projects located in the Chattanooga Environmental Field Office region.
- Christie Renfro (Christie.Renfro@tn.gov) for projects located in the Knoxville Environmental Field Office region.
- Brianne Begley (Brianne.Begley@tn.gov) for projects located in the Johnson City Environmental Field Office region.
- Ann Morbitt (Ann.Morbitt@tn.gov) for the point of contact located in another Environmental Field Office region.

Application Fees

- ❑ Application fees are based on total land disturbance during the life of the overall project.
- ❑ Checks should be payable to Treasurer State of TN.
- ❑ Remit the appropriate fee as follows with the application:

CGP Fee Per Acres of Project

Project equal to or greater than 150 acres	\$10,000
Project equal to or greater than 50 acres and less than 150 acres	\$6,000
Project equal to or greater than 20 acres and less than 50 acres	\$3,000
Project equal to or greater than 5 acres and less than 20 acres	\$1,000
Project equal to or greater than 1 acres and less than 5 acres	\$250
Seeking subsequent coverage under an actively covered larger common plan of development or sale *	\$100

* All Primary Operators must submit an NOI for CGP coverage. There are two types of Primary Operators (Initial and Subsequent). Initial Primary Operators are those that submit a SWPPP for the entire proposed larger common plan of development or sale. Their fee is determined by the acreage of the site. The \$100 fee category applies to subsequent Primary Operators. This fee is to cover administrative costs associated with updating and tracking permit coverage for subsequent Primary Operators.

Annual Maintenance Fees

- ❑ Annual maintenance fees are for CGP activities that exceed 1 year of coverage.
- ❑ Reminders are emailed to the primary permittee ~30 days in advance of the NOC anniversary date. Invoices are sent out ~30-45 days after the NOC anniversary date.
- ❑ Maintenance fee is due unless NOT is submitted in advance of NOC anniversary date.
- ❑ Do not remit payment to the field office. Invoice instructions should be followed.

CGP Activities that Exceed One Year Under General Permit Coverage

Project equal to or greater than 150 acres	\$3,750
Project equal to or greater than 50 acres and less than 150 acres	\$2,000
Project equal to or greater than 20 acres and less than 50 acres	\$1,000
Project equal to or greater than 5 acres and less than 20 acres	\$500
Project equal to or greater than 1 acres and less than 5 acres	\$125
Seeking subsequent coverage under an actively covered larger common plan of development or sale	\$0

Application Fees

❑ Section 1.4.3-Permit Application Fee

- ✓ Application fee should accompany the NOI form. Please do not send a check without any accompanying information. A simple cover letter is sufficient and/or a copy of the NOI already submitted.
- ✓ **NEW: Section 1.4.3 (c)**-acreage additions up to 10% of the original plan that don't exceed a total of 5 acres may not require separate NOI submittal. However, additional fee would be required if initial fee tier is exceeded. Only difference in fee is required to be remitted.

Online Resources

❑ Use TDEC resources found online!

❖ Search “TDEC Dataviewer” to find:

✓ Exceptional Tennessee Waters (ETW)

✓ Rare Species

✓ Water Quality Assessment (unavailable conditions/impairment status). Hint: This plays a role in which design storm is used in the design and buffer zone widths.

❖ Search “TDEC CGP” to find:

✓ Current NOI, fee tier, NOT, twice weekly inspection form

✓ Current CGP

TN Construction General Permit

- ❑ The CGP was reissued in 2021. Effective date October 1, 2021.
- ❑ Sections of the CGP have changed! Content is largely the same, but the format and organization has changed. Update your SWPPP templates!
- ❑ The SWPPP must be SITE SPECIFIC! Not a problem to use a template, but please ensure that ALL site specific information has been changed/revised/updated before you submit.
- ❑ Do not include a copy of the CGP with the application submitted to DWR.

Storm Water Pollution Prevention Plan (SWPPP)

General Purpose

Section 4.1.1-Erosion prevention and sediment controls

- ✓ Goal-minimize pollutant/sediment discharges, minimize channel/streambank erosion/scour, minimize exposed soil, and minimize disturbance on steep slopes.

Section 5-Stormwater Pollution Prevention Plan (SWPPP) Requirements

- ✓ The design, inspection and maintenance of Best Management Practices (i.e. EPSCs) described in the SWPPP must be prepared in accordance with good engineering principles.

Storm Water Pollution Prevention Plan (SWPPP)

❑ Section 5.2-Qualification Requirements

- ❖ Sites greater than 5 acres:
 - ✓ Narrative portion of SWPPP shall be prepared by an individual who has working knowledge of EPSCs (i.e, PE, LA, CPESC, Level II).

- ❖ 5 acres or less have additional options (check out our web site!):
 - ✓ SWPPP for Single Family Residential Homebuilding Sites
 - ✓ SWPPP Template for Sites Not Requiring Engineering Design

- ❖ Any building/structure or sediment control involving structural, hydraulic, hydrologic or other engineering calculations shall be prepared by a PE registered in Tennessee.

Storm Water Pollution Prevention Plan (SWPPP)

Design Storm

❑ Design Storm

- ❖ Know which design storm is appropriate to use. Based on receiving stream impairment status/unavailable condition for siltation/sedimentation or Exceptional Tennessee Waters (ETW)
Use CGP permit map viewer online!
- ✓ 2-year 24-hour design-receiving stream has available conditions
- ✓ 5-year 24-hour design-receiving stream has unavailable conditions for siltation/sedimentation or is ETW
- ❖ Design storm impacts location and size/design of certain EPSCs such as sediment basins.
- ❖ **NEW:** Basins with drainage area exceeding 25 acres require site-specific erosion rate design. (**Section 5.5.3.5**)
- ❖ Unavailable conditions and ETW impact buffer size.

Storm Water Pollution Prevention Plan (SWPPP) Outfalls

- ❑ The SWPPP and EC Plan should clearly indicate drainage area to outfall locations and the specific location of the outfalls. Drainage area must include on-site drainage and off-site drainage that flows onto the site. This information is imperative to determine if appropriate EPSCs (i.e. basin size and location) have been selected. **(Section 5.5.1)**
- ✓ Each outfall location and drainage area flowing towards the outfall must be shown on the EC Plan.

Storm Water Pollution Prevention Plan (SWPPP)

Waterbodies

❑ Section 1.5.2-Notice of Coverage

- ❖ It is the responsibility of the applicant to thoroughly and accurately identify all waterbodies located on the site and to provide a determination of the water's status.
- ❖ For channels-must be conducted in accordance with TN's SOP for HDs - TN Rules, Chapter 0400-40-03.05(9)
- ❖ For wetlands-determination/delineations must utilize the USACE 1987 *Wetlands Delineation Manual* and applicable *Regional Supplement*.
- ✓ The Corp's jurisdiction may be different than TDEC, please work with both agencies.

Storm Water Pollution Prevention Plan (SWPPP) Waterbodies

- ❖ A Qualified Hydrologic Professional (QHP) or QHP-IT should be hired to do stream determinations. Search “TN QHP”.
- ❖ ARAPs are independent requirements from CGP coverage and complete applications for ARAPs shall precede NOI submittal.
- ❖ **NEW:** DWR reserves the right to delay or withhold CGP coverage until ARAP application has been completed or ARAP has been obtained.

Storm Water Pollution Prevention Plan (SWPPP)

Waterbodies

- ❑ All waters (streams, wet weather conveyances, wetlands, ponds, lakes, etc) on or adjacent to a site must be addressed in the SWPPP. In general, there are three options:
 - ✓ Avoid the waterbody and provide the appropriate buffer zone; or
 - ✓ Presume the waterbody is jurisdictional and obtain the appropriate ARAP for any proposed alteration; or
 - ✓ Submit documentation to DWR stating the waterbody is not jurisdictional (usually submitted by QHP, QHP-IT or other qualified consultant).

Storm Water Pollution Prevention Plan (SWPPP)

Wastewater

❑ Section 1.5.2

- ❖ **NEW:** The treatment and disposal of wastewater (sanitary, commercial or industrial wastewater) generated during and after the construction must be addressed prior to issuance of the NOC. The NOC may be delayed until adequate wastewater treatment is identified and accompanying disposal permits are issued.

Storm Water Pollution Prevention Plan (SWPPP)

Buffer Zones

- ❑ **Buffer Zones-streams and wetlands**
- ❖ Primary purpose of Buffer Zones is additional pollutant removal. Other BMPs should also be used.
- ❖ Buffer Zones should be non-disturb zones and should be preserved during construction.
- ❖ Buffer Zones can be enhanced/rehabilitated to help improve its effectiveness in protecting waters of the state.
- ❖ Local MS4s may have permanent Buffer Zone requirements-those requirements must be followed too!

Storm Water Pollution Prevention Plan (SWPPP)

Buffer Zones

❑ Buffer Zones-streams and wetlands

- ❖ Buffer zones and other areas of the site that are not to be disturbed during the life of the project should be clearly defined on the EPSC Plans and discussed in the SWPPP. Does the contractor know where not to go?
- ❖ **Section 4.1.2**-30ft average width from top of bank, minimum 15ft on streams and wetlands with available conditions (not impaired). BMPs providing equivalent protection to a stream as a buffer can be utilized, but justification must be provided in SWPPP.
- ❖ **Section 6.4.2**-60ft average width buffer, minimum 30ft on streams and wetlands with unavailable parameters for siltation/sedimentation or ETW.

Storm Water Pollution Prevention Plan (SWPPP)

EPSC Plans

- ❑ Information regarding EPSC measures in the SWPPP must match the EPSC Plans and vice versa.
- ❑ Required number of EPSC plan sheets must be submitted. (**Section 5.5.2**) Three separate plan sheets are required, with the exception of projects that are less than 5 acres for which a single plan sheet may be sufficient.
- ❑ Estimates of the total area of the site vs. the total area to be disturbed during the life of the project must be clearly explained in the SWPPP (**Section 5.5.1.b**).

Storm Water Pollution Prevention Plan (SWPPP)

Signatures

- ❑ The SWPPP must be signed by the Site Owner/Developer or by a duly authorized representative of that person.
- ❖ Remember: The party who signs the NOI on behalf of the Site Owner/Developer must also sign the SWPPP.
- ❖ The certification language in **Section 8.7.5** (primary permittee) and **Section 8.7.6** (secondary permittee) must be used in the SWPPP. Ensure that current language as provided in the CGP is used.

Storm Water Pollution Prevention Plan (SWPPP)

Borrow Sites/Stockpiles

- ❑ Information regarding the location of an on-site stockpile or the use of off-site borrow material or the transport of excavated material off-site should be included in the SWPPP and shown on the EPSC Plans.
- ❖ Please include where excavated material will be taken if not used on-site (it may need permit coverage as well).

Storm Water Pollution Prevention Plan (SWPPP)

Sediment Basins

❑ Sediment Basin

- ❖ If a sediment basin is required to be installed, specific information must be included in the sequence of construction to indicate that the basin will be installed before mass clearing/grading in the drainage area of the basin.
- ❖ Know when/where a sediment basin is required to be installed or an equivalent control measure must be provided (**Section 5.5.3.5** and **Section 6.4.1**) Hint: Depends on receiving stream sedimentation impairment status.
- ❖ Sequence of construction (**Section 5.5.1**) in SWPPP must be clear.

Storm Water Pollution Prevention Plan (SWPPP)

Sediment Basin

❑ Sediment Basin

- ❖ Must be designed per EPSC Handbook or propose equivalent treatment measures/method.
- ❖ **NEW:** Cationic flocculants are prohibited. If chemical treatment is required, information must be provided in SWPPP. (**Section 5.5.3.5**)
- ❖ Specific information regarding the conversion of a sediment basin to a post development detention basin must be provided. Hint: Conversion should not occur prior to permanent stabilization of the site or at least the area draining into the basin.

Storm Water Pollution Prevention Plan (SWPPP)

50 acres or more

- ❑ **Section 5.5.3.3-Projects Exceeding 50 acres of Disturbance**
- ❖ **NEW:** Additional requirements for 50 acres or greater of disturbance at one time:
 - ✓ Must notify DWR immediately
 - ✓ Quarterly Site Assessments
 - ✓ Twice weekly inspections and following ½ inch and greater rain events
 - ✓ Hydric soils identified and soil erodibility data provided
 - ✓ Geospatial file submitted identifying project boundaries
 - ✓ Stormwater discharge monitoring at outfalls: Turbidity, TSS, Visual and Flow (submitted via NetDMR **Section 7.3.1**)

Storm Water Pollution Prevention Plan (SWPPP)

Individual Permit

❑ Section 8.11-Individual Permits

- ❖ Individual Permits are still an option but would be required only when additional permit terms or conditions beyond those set forth in this general permit are necessary to protect water quality.
- ✓ Discharge may result in greater than de minimis degradation or a threat to a threatened or endangered aquatic or semi-aquatic species.
- ✓ The total acreage to be disturbed and/or total drainage area to an outfall may exceed the capability of standard EPSC and other BMPs to prevent pollution to waters.
- ✓ Steep grades or erosive soil conditions warrant site specific controls that exceed the conditions of the CGP.
- ✓ Other site-specific conditions (i.e. public lands, contaminated soils).

Storm Water Pollution Prevention Plan (SWPPP) Inspections

- ❑ **Section 5.5.3.8-Site Assessment and Section 5.5.3.9-Inspections**
- ❖ No changes!
- ❖ **Site Assessment**-Conducted at each outfall draining 10 or more acres (**Section 5.5.3.5**) or 5 or more acres if draining to waters with unavailable parameters or ETW (**Section 6.4.1**).
- ✓ PE, LA, CPESC, Level II certified

- ❖ **Inspections**-Twice weekly. Inspection documentation should be signed by inspector and primary permittee. Should accurately depict site conditions.
- ✓ Level 1 certified, PE, LA, CPESC, Level II certified

Storm Water Pollution Prevention Plan (SWPPP)

Permanent Stabilization

❑ Permanent Stabilization

❖ Replaces the previous term "final stabilization"

❖ Defined as:

1) A perennial, preferably native, vegetative cover with uniform density (i.e., evenly distributed, without large bare areas) of at least 70% has been established on all unpaved areas and areas not covered by permanent structures, and all slopes and channels have been permanently stabilized against erosion.

2) Equivalent permanent stabilization measures such as the use of riprap, concrete, etc have been employed.

Aquatic Resource Alteration Permits (ARAP)

❑ General ARAPs

- ❖ 17 Different GPs-Intake/Outfall, Bank Armoring, Minor Road Crossing, Wetland Alteration
- ✓ Each GP has specific alteration allowances
- ✓ Cumulative impacts are reviewed (impacts greater than 200 linear ft will likely require an IARAP)
- ✓ Processed by the DWR Field Office staff

❑ Individual ARAPs

- ❖ Used for alterations that exceed alteration allowances under the GP
- ✓ Specifically written, sometimes require mitigation
- ✓ Public Noticed

PDH Request

- ✓ **To request the 1 hour PDH certificate, please use the chat function (click the chat bubble at the top of your screen) to type your full name and email address. Names submitted by email after the session will not be accepted.**
- ✓ **PDH certificates will be emailed.**
- ✓ **A Survey Monkey link will also be provided. Please tell us how we did!**

Thank you!

QUESTIONS?

Use the chat function to ask your question or raise your hand (click on the smiley face with the hand at the top of your screen). Be prepared to unmute yourself.