TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION

Division of Water Resources, William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Avenue, 11th Floor, Nashville, Tennessee 37243 1-888-891-8332 (TDEC)

Notice of Intent (NOI) & Stormwater Pollution Prevention Plan (SWPPP) Checklist for the General Permit for Discharges of Stormwater Associated with Construction Activities (CGP)

Date Received: 1/18/17 Staff Review Completion Date: 2/8/17 New NPDES Tracking Number: TNR241428 MS4 Jurisdiction: City of Brentwood

Reviewer: LNC # of Disturbed Acres: 18.96 Site/Project Name: Ragsdale Road Realignment

Impaired Waters: Yes [X] No [ ] Exceptional Waters: Yes [X] No [ ] T & E Species: Yes [X] No [ ] (Add comments below) Fee Collected: Yes [X] No [ ]

*This NOI/SWPPP checklist pertains to the current CGP, and is used during the NOI review process to help determine whether the submittal provides enough information to grant a Notice of Coverage under the permit. **This checklist does not specifically address every condition of the permit or preclude the Division from asking for additional information.***

Yes	No	NOI Requirements		Yes	No	
X		Correct site-wide permittee (Owner/Developer) entity name included		X		Start/End Dates listed
X		Proper signature for the owner/developer provided		X		Disturbed acreage given
X		Receiving waters listed		X		Latitude/Longitude given and is correct
X		ARAP Required?	ARAP #(s): NRS16.318	X		County(ies) listed
	X	Appropriate portion of USGS topo map provided showing the boundaries of the construction site [2.6.2]		County(ies):		Williamson

Yes	No	N/A	SWPPP Requirements	CGP pg #
		X	"Common Plan of Development"/Site Concept Plan has been provided *[1.2.1]*	1
	X	X	Plans and specs for structural control measures have been prepared and stamped by Professional Engineer or Landscape Architect *[3.1.1]*	13
	X	X	Includes engineering design of sediment basin/controls for projects 10 acres or greater (5 acres if impaired/exceptional waters) *[3.1.1]*	13, 14
X			Includes Assurance Site Assessment requirement criteria if applicable *[3.1.2]*	14
X			Signed by the operator(s) *[3.3.1]*	15
X			Includes multi-phase sheets: <5 ac. – 2-phase plan min.; ≥5 ac. – 3-phase plan min. *[3.5.2]*	18
X	X		Depicts disturbance limits, buffer zones, watershed drainage patterns/acreage, and proposed contours/slopes *[3.5.1.d&g; 4.1.1]*	17
X			Includes a description of all construction activity (not just grading and street construction) [3.5.1.a]	17
X			Includes a description sequence of major activities (e.g., grubbing, excavation, grading, utilities, and infrastructure installation, etc.) [3.5.1.b]	17
X			Includes estimates of the total site area versus the total area of the site to be disturbed [3.5.1.c]	17
X			Includes a complete inventory of aquatic resources (including any stream, sinkhole or wetland) on or adjacent to the project [3.5.1.i]	17
X			Includes a description of appropriate erosion prevention and sediment controls (EPSCs) and the general timing of implementation *[3.5.2]*	18
	X		Specifies which permittee is responsible for implementation of which EPSC *[3.5.2]*	18
X			Specifies removal of trapped sediment from sediment controls at or before 50% design capacity *[3.5.3.1.e]*	19
X			Specifies EPSCs will be implemented before earth-moving begins *[3.5.3.1.l]*	20
X			Specifies stabilization within 15 days (7 days for ≥35% slopes) on site area where construction has temporarily/permanently ceased *[3.5.3.2]*	21
X			Specifies inspections of outfalls/EPSC measures at least twice weekly and at least 72 hours apart *[3.5.8.2.a]*	24
X			Specifies that vegetation, EPSCs & other protective measures are repaired, replaced, or modified within 7 days *[3.5.7; 3.5.8.2.a]*	23, 24
X			Depicts the proposed location of all major structural/nonstructural controls and all proposed stabilization practices *[3.5.1.g; 3.5.3.3]*	18
X			Identifies all outfall locations intended for coverage under the CGP *[3.5.1.g]*	17
X			Includes the name of the receiving water(s), and approximate size and location of affected wetland acreage at the site *[3.5.1.j]*	17
		X	Identifies construction phasing for activities that will disturb >50 acres *[3.5.1.m & 3.5.3.1.k]*	20
		X	EPSCs have been designed to control the rainfall and runoff from a 2-year, 24-hour return interval storm *[3.5.3.3]*	21
		X	Specifies sediment basins for construction sites with drainage areas >10 acres *[3.5.3.3]*	22
		X	Specifies a 30' natural riparian buffer zone adjacent to all streams, lakes, wetlands on/adjacent to the construction site *[4.1.2]*	26

1.

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Yes	No	N/A	Additional SWPPP Requirements for Discharges Into Impaired or Exceptional TN Waters	CGP pg #
X			Specifies that EPSCs proposed for the site have been designed to control storm runoff generated by a 5-year, 24-hour storm event *[5.4.1.a]*	30
2.	X	X	Specifies sediment basins for construction sites with drainage areas >5 acres that discharge to impaired or exceptional waters [3.5.3.3] *[5.4.1.f]*	31
3. X	X		Specifies a 60' natural riparian buffer zone adjacent to all impaired or exceptional waters on/adjacent to the construction site [4.1.2] *[5.4.2]*	31
			SWPPP Requirements for Permanent (Post-Development) Stormwater Management	CGP pg #
X			Specifies velocity dissipation devices at discharge locations and along the length of any outfall channel *[3.5.4]*	22
	X		Includes technical basis used to select velocity dissipation devices where flows exceed predevelopment levels *[3.5.4]*	23

Identification indicators of possible streams or wetlands utilizing site information and resources include:

1. Contour and stream indicators on USGS TOPO maps
2. Drainage area to a defined conveyance (20 acres east TN/40 middle TN/ 75 west TN),
3. Aerial photography identifying a sinuous tree line or grouping of remaining forest in an agricultural setting
4. Springhouse/box
5. Comparable nearby drainage that has previously been determined to have a stream
6. Onsite or adjacent ponds or impoundments
7. Check EFO HD GIS for previous determinations
8. NRCS soil maps or Web Soil Survey (http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx)
9. Wetlands on National Wetlands Inventory: (http://107.20.228.18/Wetlands/WetlandsMapper.html#)

If sufficient indicators exist, a stream determination may need to be performed. Stream determinations must be performed by a QHP.

Comments

1. Need design of sediment basin(s) - cross-section w/ wet/dry storage + dewatering device. N/A 2/10/17
2. Need CSD depicted on plan sheets + acres draining to each outfall. outfall's draining 5 acres or greater require a sediment basin. ✓ 2/10/17
3. 60' buffer required for exceptional + impaired waters or alternative measures w/ justification. ✓ 2/10/17