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: ~~7/1/2015~~ 7/22/15 6/10/15 **Staff Review Completion Date:** ~~7/20/2015~~ ~~8/3/15~~ 8/10/15 **New NPDES Tracking Number:** TNR240062 **MS4 Jurisdiction:** Nashville

Reviewer: ACT **# of Disturbed Acres:** 2.24 **Site/Project Name:** Park at Melrose Heights

Impaired Waters: Yes ☒ No ☐ **Exceptional Waters:** Yes ☐ No ☒ **T & E Species:** Yes ☒ No ☐ *(Add comments below)* **Fee Collected:** Yes ☒ 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):		X	County(ies) listed
X		Appropriate portion of USGS topo map provided showing the boundaries of the construction site [2.6.2]	County(ies):		Davidson

Yes	No	N/A	SWPPP Requirements	CGP pg #
		X	"Common Plan of Development"/Site Concept Plan has been provided *[1.2.1]*	1
X			Plans and specs for structural control measures have been prepared and stamped by Professional Engineer or Landscape Architect *[3.1.1]*	13
		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			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
7/22 X	~~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

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Yes	No	N/A	Additional SWPPP Requirements for Discharges into Impaired or Exceptional TN Waters	CGP pg #
X	~~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
		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
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

Receiving stream is listed as impaired for habitat alteration. This requires a 60-foot average, 30-foot minimum buffer for all waters of the state on site, including wetlands. Plans show a 25-foot buffer for the 0.36 acre wetland area. Please ensure that a 60-foot average buffer is maintained for the wetlands on site.

Outfalls locations are not indicated on site plans or described in SWPPP.

Please correct the above items and resubmit materials to aana.taylor-smith@tn.gov

7/22: Rec'd revised site plans showing post-construction BMPs. Advised Mr. Snyder 8/3 that EPSCs during construction must provide equivalent protection to 60' buffer. He will resubmit plans. Outfalls are indicated on plans rec'd 7/22.

8/10: Rec'd revised site plans addressing buffer equivalency with EPSCs.