

Construction/Stormwater Pollution Prevention Plan Technical Review and Comment (Form 1) Clark County RULE 5

Project Information	Project Name: <u>Forest Edge Apartments</u> County: <u>CLARK</u>
	Plan Submittal Date: <u>10/7/2022</u> Hydrologic Unit Code: _____
	Project Location Description: _____
	Latitude and Longitude <u>38.44297° N, -85.65777° W</u>
	Civil Township: _____ Quarter: _____ Section: _____ Township: _____ Range: _____
	Project Owner Name: <u>City of Charlestown</u>
	Contact: <u>Tony Jackson</u>
	Address: <u>304 Main Cross Street</u>
	City: <u>Charlestown</u> State: <u>IN</u> Zip: <u>47111</u>
	Phone: <u>502-339-0611</u> FAX: _____ E-Mail: tonyjackson@cityofcharlestown.com
Plan Preparer Name: <u>Danielle Dresch, P.E.</u>	
Affiliation: <u>Heritage Engineering</u>	
Address: <u>603 North Shore Drive</u>	
City: <u>Jeffersonville</u> State: <u>IN</u> Zip: <u>47130</u>	
Phone: <u>812-280-8201</u> FAX: _____ E-Mail: ddresch@heritageeng.com	

Plan Review	Review Date: <u>10/12/22</u>
	Principal Plan Reviewer: <u>Lynn Miller</u>
	Agency: <u>CLARK COUNTY SOIL & WATER CONSERVATION DISTRICT</u>
	Address: <u>9608 HIGHWAY 62, SUITE 2</u>
	City: <u>CHARLESTOWN</u> State: <u>IN</u> Zip: <u>47111</u>
	Phone: <u>812-256-2330 ext. 3</u> FAX: _____ E-Mail: swcdclark@gmail.com
	Assisted By: _____

PLAN IS ADEQUATE: A comprehensive plan review has been completed and it has been determined that the plan satisfies the minimum requirements and intent of 327 IAC 15-5.

Please refer to additional information included on the following page(s).

Submit Notice of Intent (NOI): Attach a copy of this cover page when submitting the NOI to the Indiana Department of Environmental Management. Construction activities may begin 48 hours following the submittal of the NOI. A copy of the NOI must also be sent to the Reviewing Authority (e.g. SWCD, DNR).

A preliminary plan review has been completed; a comprehensive review will not be completed within the 28-day review period. The reviewing authority reserves the right to perform a comprehensive review at a later date and revisions to the plan may be required at that time to address deficiencies.

Please refer to additional information included on the following page(s).

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PLAN IS DEFICIENT: Significant deficiencies were identified during the plan review.

Please refer to additional information included on the following page(s).

DO NOT file a Notice of Intent for this project.

DO NOT commence land disturbing activities until all deficiencies are adequately addressed, the plan re-submitted, and notification has been received that the minimum requirements have been satisfied.

Plan Revisions Deficient Items should be mailed or delivered to the Principal Plan Reviewer identified in the Plan Review Section above.

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Project Name: Forest Edge Apartments
Date Reviewed: 10/12/2022

The technical review and comments are intended to evaluate the completeness of the Construction/Stormwater Pollution Prevention Plan for the project. The Plan submitted was not reviewed for the adequacy of the engineering design. All measures included in the plan, as well as those recommended in the comments should be evaluated as to their feasibility by a qualified individual with structural measures designed by a qualified engineer. The Plan has not been reviewed for other local, state, or federal permits that may be required to proceed with this project. Additional information, including design calculations may be requested to further evaluate the Plan.

All proposed stormwater pollution prevention measures and those referenced in this review must meet the design criteria and standards set forth in the "Indiana Stormwater Quality Manual" from the Indiana Department of Natural Resources, Division of Soil Conservation or similar Guidance Documents.

Please direct questions and/or comments regarding this plan review to:
 Lynn Miller, Clark County Soil & Water Conservation District
Please refer to the address and contact information identified in the Plan Review Section on page 1.

Assessment of Construction Plan Elements (Section A)

The Construction Plan Elements are adequately represented to complete a plan review:
 Yes **No**
The items checked below are adequate. Those left unmarked represent deficiencies and require submittal to meet the requirements of the rule.

A		A	
<input checked="" type="checkbox"/>	1 Index showing locations of required Plan Elements	<input type="checkbox"/>	2 11 by 17 inch plat showing building lot numbers/boundaries and road layout/names
<input checked="" type="checkbox"/>	3 Narrative describing the nature and purpose of the project	<input checked="" type="checkbox"/>	4 Vicinity map showing project location
<input checked="" type="checkbox"/>	5 Legal Description of the Project Site (Include Latitude and Longitude - NOI Requirement)	<input checked="" type="checkbox"/>	6 Location of all lots and proposed site improvements (roads, utilities, structures, etc.)
<input checked="" type="checkbox"/>	7 Hydrologic unit code (14 Digit)	<input checked="" type="checkbox"/>	8 Notation of any State or Federal water quality permits
<input checked="" type="checkbox"/>	9 Specific points where stormwater discharge will leave the site	<input checked="" type="checkbox"/>	10 Location and name of all wetlands, lakes and water courses on and adjacent to the site
<input checked="" type="checkbox"/>	11 Identification of all receiving waters	<input checked="" type="checkbox"/>	12 Identification of potential discharges to ground water (abandoned wells, sinkholes, etc.)
<input checked="" type="checkbox"/>	13 100 year floodplains, floodways, and floodway fringes	<input checked="" type="checkbox"/>	14 Pre-construction and post construction estimate of Peak Discharge (10 Year storm event)
<input checked="" type="checkbox"/>	15 Adjacent landuse, including upstream watershed	<input checked="" type="checkbox"/>	16 Locations and approximate boundaries of all disturbed areas (Construction Limits)
<input checked="" type="checkbox"/>	17 Identification of existing vegetative cover	<input checked="" type="checkbox"/>	18 Soils map including soil descriptions and limitations
<input checked="" type="checkbox"/>	19 Locations, size and dimensions of proposed stormwater systems (e.g. pipes, swales and channels)	<input checked="" type="checkbox"/>	20 Plans for any off-site construction activities associated with this project (sewer/water tie-ins)
<input checked="" type="checkbox"/>	21 Locations of proposed soil stockpiles and/or borrow/disposal areas	<input checked="" type="checkbox"/>	22 Existing site topography at an interval appropriate to indicate drainage patterns
<input checked="" type="checkbox"/>	23 Proposed final topography at an interval appropriate to indicate drainage patterns		

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Assessment of Stormwater Pollution Prevention Plan (Sections B & C)

Stormwater Pollution Prevention Plan - Construction Component (Section B)

	Adequate	Deficient	Not Applicable		
				B	<i>The construction component of the Stormwater Pollution Prevention Plan includes stormwater quality measures to address erosion, sedimentation, and other pollutants associated with land disturbance and construction activities. Proper implementation of the plan and inspections of the construction site are necessary to minimize the discharge of pollutants. The Project Site Owner should be aware that unforeseen construction activities and weather conditions may affect the performance of a practice or the effectiveness of the plan. The plan must be a flexible document, with provisions to modify or substitute practices as necessary.</i>
<input checked="" type="checkbox"/>		<input type="checkbox"/>			1 Description of potential pollutant sources associated with construction activities
<input checked="" type="checkbox"/>		<input type="checkbox"/>			2 Sequence describing stormwater quality measure implementation relative to land disturbing activities
<input type="checkbox"/>		<input checked="" type="checkbox"/>			3 Stable construction entrance locations and specifications (at all points of ingress and egress)
<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		4 Sediment control measures for sheet flow areas
<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		5 Sediment control measures for concentrated flow areas
<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		6 Storm sewer inlet protection measure locations and specifications
<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		7 Runoff control measures (e.g. diversions, rock check dams, slope drains, etc.)
<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		8 Storm water outlet protection specifications
<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>		9 Grade stabilization structure locations and specifications
<input checked="" type="checkbox"/>		<input type="checkbox"/>			10 Location, dimensions, specifications, and construction details of each stormwater quality measure
<input checked="" type="checkbox"/>		<input type="checkbox"/>			11 Temporary surface stabilization methods appropriate for each season (include sequencing)
<input checked="" type="checkbox"/>		<input type="checkbox"/>			12 Permanent surface stabilization specifications (include sequencing)
<input checked="" type="checkbox"/>		<input type="checkbox"/>			13 Material handling and spill prevention plan
<input checked="" type="checkbox"/>		<input type="checkbox"/>			14 Monitoring and maintenance guidelines for each proposed stormwater quality measure
<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>		15 Erosion & sediment control specifications for individual building lots

Stormwater Pollution Prevention Plan - Post Construction Component (Section C)

	Adequate	Deficient	Not Applicable		
				C	<i>The post construction component of the Stormwater Pollution Prevention Plan includes the implementation of stormwater quality measures to address pollutants that will be associated with the final landuse. Post construction stormwater quality measures should be functional upon completion of the project. Long term functionality of the measures are critical to their performance and should be monitored and maintained.</i>
<input checked="" type="checkbox"/>		<input type="checkbox"/>			1 Description of pollutants and their sources associated with the proposed land use
<input checked="" type="checkbox"/>		<input type="checkbox"/>			2 Sequence describing stormwater quality measure implementation
<input checked="" type="checkbox"/>		<input type="checkbox"/>			3 Description of proposed post construction stormwater quality measures <i>(Include a written description of how these measures will reduce discharge of expected pollutants)</i>
<input checked="" type="checkbox"/>		<input type="checkbox"/>			4 Location, dimensions, specifications, and construction details of each stormwater quality measure
<input checked="" type="checkbox"/>		<input type="checkbox"/>			5 Description of maintenance guidelines for post construction stormwater quality measures

