



Project Name:TAKE 5 - WILLIAMSON

Date:4/13/2021

Linear Development Project?

No

Site Information

Post-Development Project (Treatment Volume and Loads)

Enter Total Disturbed Area (acres) →0.51

Maximum reduction required:10%

The site's net increase in impervious cover (acres) is:0

Post-Development TP Load Reduction for Site (lb/yr):0.04

Pre-ReDevelopment Land Cover (acres)

	A Soils	B Soils	C Soils	D Soils	Totals
Forest/Open Space (acres) -- undisturbed forest/open space					0.00
Managed Turf (acres) -- disturbed, graded for yards or other turf to be					0.00
Impervious Cover (acres)				0.51	0.51

Post-Development Land Cover (acres)

	A Soils	B Soils	C Soils	D Soils	Totals
Forest/Open Space (acres) -- undisturbed, protected forest/open space or reforested					0.00
Managed Turf (acres) -- disturbed, graded for yards or other turf to be				0.05	0.05
Impervious Cover (acres)				0.46	0.46

Area Check

OK.

OK.

OK.

OK.

0.51

Post-Development Requirement for Site Area

TP Load Reduction Required (lb/yr)0.04

DRAINAGE LEGEND

IMPERVIOUS AREA  
C-VALUE = 0.9

PERVIOUS AREA  
C-VALUE = 0.3

LIMITS OF DISTURBANCE

STORMWATER QUALITY NARRATIVE

THIS PROJECT FALLS UNDER THE VIRGINIA PART II-B STORMWATER REGULATIONS FOR WATER QUALITY COMPLIANCE. THE LIMITS OF ANALYSIS IS THE TOTAL LIMITS OF DISTURBANCE (0.51 ACRES). WATER QUALITY COMPLIANCE FOR THE SITE IS MET THROUGH THE PURCHASE OF NUTRIENT CREDITS.

Eco-Cap

April 13, 2021

Mazna Bilal  
Kimley-Horn  
1700 Willow Lawn Dr  
Richmond VA 23220

Eco-Cap, LLC - "Roller" Nutrient Bank - Availability Letter

Project Reference: 7240 Williamson Rd, Roanoke, VA 24019

This letter is to confirm the availability of Nutrient Credits sufficient to meet your project requirements at the "Roller" Nutrient Bank located in Halifax County, Virginia. The "Roller" Nutrient Bank was approved on June February 7<sup>th</sup>, 2020 with an initial release of 15.21 lbs. The nutrient reductions resulting from this activity generated nonpoint source Nutrient "Credits" which are transferable to those entities requiring nutrient reductions in accordance with the Chesapeake Bay Watershed Nutrient Credit Exchange Program (VA Code § 62.1-44.19-14) and the Virginia Stormwater Credit Program (VA Code § 62.1-44.13-35).

Currently the facility has **17.34** pounds of Credits available and will be able to meet your removal requirement of **9.05** Credits.

Feel free to contact me if you require further assistance.

Casey J. Jensen  
President  
Eco-Cap, LLC

Manager  
"Roller" Nutrient Bank

Phone: (804) 836-6636 Email: ecoecapva@gmail.com Website: ecoecapva.us

GRAPHIC SCALE IN FEET

0 10 20 40

NORTH

Kimley»Horn

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COMMONWEALTH OF VIRGINIA  
LAURA P. ANDERSON  
Lic. No. 069865  
02/23/2023  
PROFESSIONAL ENGINEER

KHA PROJECT  
113418012  
DATE  
02/23/2022  
SCALE AS SHOWN  
DESIGNED BY MFB  
DRAWN BY MFB  
CHECKED BY LPA

STORMWATER  
QUALITY  
MANAGMENT PLAN

TAKE 5  
WILLIAMSON ROAD  
PREPARED FOR  
EB PARTNERS LLC

VA  
ROANOKE COUNTY

SHEET NUMBER  
CG-203