
Project Summary

Title	Northern Pass Transition Station #5a Stormwater Model
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Notes

Table of Contents

POST-1		
	Runoff CN-Area, 2 years	2
POST-2		
	Runoff CN-Area, 2 years	3
PRE-1		
	Runoff CN-Area, 2 years	4

Subsection: Runoff CN-Area
Label: POST-1

Return Event: 2 years
Storm Event: 2 year

Runoff Curve Number Data

Soil/Surface Description	CN	Area (acres)	C (%)	UC (%)	Adjusted CN
Impervious Areas - Paved parking lots, roofs, driveways, Streets and roads	98.000	0.050	0.0	0.0	98.000
Impervious Areas - Gravel (w/ right-of-way) - Soil B	86.000	0.545	0.0	0.0	86.000
Woods - grass combination - good - Soil B	58.000	0.068	0.0	0.0	58.000
Woods - grass combination - good - Soil D	79.000	0.017	0.0	0.0	79.000
COMPOSITE AREA & WEIGHTED CN --->	(N/A)	0.680	(N/A)	(N/A)	83.907

Subsection: Runoff CN-Area
 Label: POST-2

Return Event: 2 years
 Storm Event: 2 year

Runoff Curve Number Data

Soil/Surface Description	CN	Area (acres)	C (%)	UC (%)	Adjusted CN
Impervious Areas - Paved parking lots, roofs, driveways, Streets and roads	98.000	0.194	0.0	0.0	98.000
Woods - grass combination - good - Soil B	58.000	0.091	0.0	0.0	58.000
Woods - grass combination - good - Soil C	72.000	0.048	0.0	0.0	72.000
Woods - grass combination - good - Soil D	79.000	0.220	0.0	0.0	79.000
COMPOSITE AREA & WEIGHTED CN --->	(N/A)	0.553	(N/A)	(N/A)	81.602

Subsection: Runoff CN-Area
 Label: PRE-1

Return Event: 2 years
 Storm Event: 2 year

Runoff Curve Number Data

Soil/Surface Description	CN	Area (acres)	C (%)	UC (%)	Adjusted CN
Impervious	98.000	0.274	0.0	0.0	98.000
Grass/Wood/Brush (HSG:A/B)	58.000	0.273	0.0	0.0	58.000
Grass/Wood/Brush (HSG: C/A/D)	79.000	0.238	0.0	0.0	79.000
Grass/Wood/Brush (HSG: C)	72.000	0.048	0.0	0.0	72.000
Grass/Wood/Brush (HSG: D)	79.000	0.400	0.0	0.0	79.000
COMPOSITE AREA & WEIGHTED CN --->	(N/A)	1.233	(N/A)	(N/A)	78.300

Index

P

POST-1 (Runoff CN-Area, 2 years)...2

POST-2 (Runoff CN-Area, 2 years)...3

PRE-1 (Runoff CN-Area, 2 years)...4