WALLACE J. TOSCANO A.I.A. ARCHITECT

30 COTSWOLD DR NORTHG SALEM ,NY 10560 ARCHWJT36@GMAIL.COM 914 329 1491 CELL

April 10, 2003

Mr. Adam Kaufman Director of Planning Town of North Castle 17 Bedford Road Armonk NY 10404

RE: Weinhoff Residence 3 Maple Way Armonk NY 10504

Dear Adam

Enclosed, please find drawings 25, 26,27, 28,29,30 and 31 The comments of the town engineer's report of March 24,2023 have been addressed. Most of these items had already been addressed in our original submission of the entire drawing package of October 9, 1922.

We responded to your RPRC Determination letter on December 14 2022. We don't understand how the town engineer did not get the entire package, according to him, he only received drawings 1 through 24.

At this point, we think we have every right to hope that the planning process, which is now in the seventh month come to a close at our next meeting on the 27th of this month.

Thank you for your courtesy, professionalism and help that you have given us during this process.

Wallace J. Toscano AIA

CAMPBELL ENGINEERING PC

Civil Engineers

April 6, 2023

North Castle Planning Board 500 Main Street Armonk, NY 10504

Please note that we are no longer proposing a pool house or a turn around area in the front of the house.

The following are our responses to your memo updated to March 24, 2023. The responses are numbered the same as the comments in your memo.

- 1. The staking of the property line as requested has been provided and the site will be adjusted to prevent the need for wetlands permit.
- The Stormwater Pollution Prevention Plan (SWPPP) has been prepared for this site. The Notice of Intent (NOI) has been completed. Copies of each will be submitted.
- 3. The plan contains rims and inverts on all proposed catch basins and pipe materials.
- 4. We popped the covers on two of the existing manholes and can provide an approximate invert. Two existing culverts are in the front yard of the site, one is very clean and is 48" and the other is a 12" the condition is unknown. The installation of the 12" was completed during the subdivision approval of the site. The installation of the 48" culvert was done more recently; we assume to replace the 12". The installation was before the time that the owner lived next door.
- 5. The storm water flows naturally north (downhill) and will continue to do the same. If for any reason storm water flow is prevented from discharging an additional catch basin will be installed to direct that water into the existing 48" and/or the 12" culvert.

5 Schuman Road, 2nd floor Millwood, New York 10546 Phone (914)238-3555 Michael@914engineer.com

CAMPBELL ENGINEERING PC Civil Engineers

- The SWPP Plan clearly explains the maintenance and inspection requirements for the site. The drawings indicate the required silt fencing and the anti-traction pad along with details.
- 7. A construction detail or procedure is in the SWPPP.
- 8. Sheet S-3 indicates the existing conditions. We are removing all structure on the site.
- The architect for the proposed house is preparing the detail for the proposed Belgium block. They will provide the required information to the Town.
- 10.A turnaround is no longer proposed.
- 11. The utility connections are indicated on the drawings.
- 12. The pad location is unknown at present. Any back wash or draw down must be directed to the infiltration system located in the front of the property and will require a pump.
- 13. The basement or footing drains will be connected to the existing 48" culvert and will drain by gravity.
- 14.We will provide a copy of the septic to the Town upon approval by the WCDH.

If you have any further questions or comments, please call or email.

Thank You,

Michael H Campbell PE

5 Schuman Road, 2nd floor Millwood, New York 10546 Phone (914)238-3555 Michael@914engineer.com

















GENERAL NOTES

1. As per Westchester County Code of Ordinance Boc. 873 729. When a public santhary server shall become available to the property so served, a select connection shall be made to such public santhary server and any onside resterierator treatment system shall be abautored and every tank or pit in such engineering of any server and completing final with inert settime.

2 The owner of the property acknowledges that the Town of North Castle and other agencies having prindiction shall have the right to enter the property at reasonable times and in a reasonable manner for purposes of inspection.

Each contractor who will be involved in a land development activity must have roof that he/she has received training and/or certification in proper erosion and redimentation control practices.

Stabilize entire plie with vegetation or o

Installation Notes:

Re de Cal

2. Modmum slope of elockpile sholl be 1:2.

5'-0"

BUFFALO CURB

CURB STOP

CURB STOP AND CORPORATION STOP TO BE MUELLER OR EQUAL.

SOIL STOCKPILING

N.T.S.

1. Area chosen for stockpiling operations shall be dry and stable

Upon completion of soil stockpiling, each pile shall be surrou with sither all fancing or strandouse, then stabilized with vego

LENGTH VARIABLE -12

NON

2" COPPER WATER SERVICE TYPE K-MANUF. IN U.S.A.

FENCING

ъ.

FINISHED GRADE

*CORPORATION

WATER SERVICE CONNECTION

N.T.S.

TREE PROTECTION

N.T.S.

HIND NOW

CRUSHED STONE BEDDING TO BE USED TO SUPPORT COPPER PIPE IN TRENCH AREA

For each truck delivering fill to the above-mentioned site, a Manifest shall be flad and signed by the owner and/or engineer indicating the following

Delvery date

Delivery date Origin of 81 Type of 81 Confidation to a New York State Licensed Professional Engineer that the Hi Confidation to a New York State Licensed Professional Engineer that the Hi ered is in compliance with paragraph 380-7 (b)(2) of6 NYCRR Part 380 - Solid confidation of the

Note: If the fill material, as determined by the Town of North Castle, is considered to be non-exempt material as per paragraph 006-7 (1b)(1) of 6 NVCRR Part 300 - Solid Waste Management then the property owner and/or engineer may be required to perform another submit add/sound information

5. Upon completion of the project an As-Built Site Plan will be submitted showing the all improvements including the location of the Water Service Line and the Server Force man.





6" CLEAR FOR, TAP MACHINE

Decayote a 4"set" Trench along the Lower Perimoter of the Stu.

2. Used a Section of a Time and Position the Posts apoint the Book (Deventream).

Drive the Post into the Ground until the Netting is approximately 2" from the Trench Bottom.

 Lay the Toe-In Plap of Fabric onto the Undaturbed Bottom of the Trencky Bootfill the Trench and Tamp the Soli; Steeper Stepes Require an Intercept Trench. Join Sections as shown above.

SILT FENCE

Applicant/Owner: Greg & Elissa Weinhoff 3 Maple Way North Castle, NY 10504

Site Address: 3 Maple Way North Castle, NY 10504

Unauthorized alterations or additions to this drawing are a violation of Section 7209(2) of the New York State Education Law. 22-185-WEINHOFT.dwg





2'-0"



Ż



2. Use Native Soll for bedding material unless it is Determined to be Unstable by the Engineer. J. All Unsuitable material below the Pipe shall be Resisced with Connected Run of bank armed.

NOTES: exertism. The for the issuance of a building permit. The entire cleaning grading limits shall be field stated as per the approved site plan and delineated with more feeding and/or appropriate enterion. controls: The approximation shall apply the Walendis Impector with a stateleout map (3 copies) pror to impection. Contact Sites Goleman at 235-7278. Geering/ grading limit lines shall be clearly delineated in the field thoughtout the construction rod and no encrosoment beyond these limits by workers or mechinery shall be permitted.

c. Prior to the backtiling of drywell endor infittetors (if required), the Building /Engineering Department shell be notified at tesse 45 hours in advence in order to schedule a drywell impection. Contect Bob Coll - Deputy Town Engineer @ 236-7279. d. All proposed grading shall not exceed 2H to 1V

TRENCH - STORM DRAIN

INFILTRATOR SYSTEM

-11

42 UNITS N.T.S.

0

2'-0"

SLOPE 1/4" PER FT



CAMPBELL ENGINEERING PC

Civil Engineers

Hydrological Study Prepared for Greg and Elissa Weinhoff 3 Maple Way, Armonk, NY Town of North Castle April 7, 2023

The Property is located at 3 Maple Way in the Town of North Castle and contains 2.0 acres. The site is sloped towards the front or Todd Road. As can be seen by the plan the proposed development of this site will only affect the front half of the property.

We have reduced the run-off peak flow to zero. Because we reduced the impervious area by that which exists we expect over flow during less frequent storm events. The infiltration chamber system used for this design is the Cultec Recharge 150 XLHD. The overflow will be directed to the existing 48" culvert. Because the proposed pool is at a lower elevation than the front yard we could not collect the run-off from this area. We still used the impervious area created by this area when sizing the required infiltration chambers. The stormwater naturally will flow from this area towards the north. Any stormwater that becomes trapped by the regrading will be directed into the existing culverts.

5 Schuman Road, 2nd floor Millwood, New York 10546 Phone (914)238-3555 Michael@914engineer.com

Event#	Event Name	Storm Type	Curve	Mode	Duration (hours)	B/B	Depth (inches)	AMC
1	1-Year	NRCC 24-hr	С	Default	24.00	1	2.78	2
2	10-Year	NRCC 24-hr	С	Default	24.00	1	5.13	2
3	25-Year	NRCC 24-hr	С	Default	24.00	1	6.49	2
4	100-Year	NRCC 24-hr	С	Default	24.00	1	9.28	2

Rainfall Events Listing (selected events)

Area Listing (all nodes)

Area (acres)	CN	Description (subcatchment-numbers)
0.037	98	Paved parking, HSG C, drive (1S)
0.049	98	Paved parking, HSG C, patio (1S)
0.049	98	Roofs, HSG C (1S)
0.009	98	Roofs, HSG C, rear roof porch (1S)
0.144	98	TOTAL AREA

Soil Listing (all nodes)

	Area	Soil	Subcatchment
u	(acres)	Group	Numbers
	0.000	HSG A	
	0.000	HSG B	
	0.144	HSG C	1S
	0.000	HSG D	
	0.000	Other	
	0.144		TOTAL AREA

Ground Covers (all nodes)

HSG-A (acres)	HSG-B (acres)	HSG-C (acres)	HSG-D (acres)	Other (acres)	Total (acres)	Ground Cover	Subcatchment Numbers
0.000	0.000	0.086	0.000	0.000	0.086	Paved parking	1S
0.000	0.000	0.058	0.000	0.000	0.058	Roofs	1S
0.000	0.000	0.144	0.000	0.000	0.144	TOTAL AREA	

Summary for Subcatchment 1S: Impervious Areas - Existing Impevious Areas

Runoff = 0.39 cfs @ 12.13 hrs, Volume= 0.031 af, Depth= 2.55" Routed to Pond 2P : Infiltration Chambers

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs NRCC 24-hr C 1-Year Rainfall=2.78"

	Area (sf)	CN	Description					
	2,153	98	Roofs, HSC	GC				
*	1,598	98	Paved park	Paved parking, HSG C, drive				
*	2,140	98	Paved park	Paved parking, HSG C, patio				
*	384	98	Roofs, HSC	Roofs, HSG C, rear roof porch				
	6,275 6,275	98	Weighted Average 100.00% Impervious Area					
۲ mi)	C Length n) (feet)	Slop (ft/f	e Velocity t) (ft/sec)	Capacity (cfs)	Description			
6	.0				Direct Entry,			

Subcatchment 1S: Impervious Areas - Existing Impevious Areas



Time (hours)

Summary for Pond 2P: Infiltration Chambers

Inflow Area	a =	0.144 ac,10	0.00% Imp	ervious,	Inflow Depth	= 2.	55" fo	r 1-Ye	ear event
Inflow	=	0.39 cfs @	12.13 hrs,	Volume	= 0.03	1 af			
Outflow	=	0.05 cfs @	11.65 hrs,	Volume	= 0.03	1 af,	Atten=	86%,	Lag= 0.0 min
Discarded	=	0.05 cfs @	11.65 hrs,	Volume:	= 0.03	1 af			
Primary	=	0.00 cfs @	0.00 hrs,	Volume	= 0.00	0 af			

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs Peak Elev= 618.13' @ 12.65 hrs Surf.Area= 0.036 ac Storage= 0.008 af

Plug-Flow detention time= 39.4 min calculated for 0.031 af (100% of inflow) Center-of-Mass det. time= 39.4 min (801.1 - 761.8)

Volume	Invert	Avail.Storage	Storage Description
#1A	617.60'	0.026 af	24.25'W x 64.25'L x 2.54'H Field A 0.091 af Overall - 0.026 af Embedded = 0.064 af x 40.0% Voids
#2A	618.10'	0.026 af	Cultec R-150XLHD x 42 Inside #1 Effective Size= 29.8"W x 18.0"H => 2.65 sf x 10.25'L = 27.2 cf Overall Size= 33.0"W x 18.5"H x 11.00'L with 0.75' Overlap Row Length Adjustment= +0.75' x 2.65 sf x 7 rows
		0.052 af	Total Available Storage

Storage Group A created with Chamber Wizard

Device	Routing	Invert	Outlet Devices
#1	Discarded	617.60'	1.500 in/hr Exfiltration over Surface area
#2	Primary	620.00'	4.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
Discard	ed OutFlow	Max=0.05 cfs	s @ 11.65 hrs HW=617.63' (Free Discharge)

1=Exfiltration (Exfiltration Controls 0.05 cfs)

Primary OutFlow Max=0.00 cfs @ 0.00 hrs HW=617.60' (Free Discharge)

Pond 2P: Infiltration Chambers - Chamber Wizard Field A

Chamber Model = Cultec R-150XLHD (Cultec Recharger® 150XLHD) Effective Size= 29.8"W x 18.0"H => 2.65 sf x 10.25'L = 27.2 cf Overall Size= 33.0"W x 18.5"H x 11.00'L with 0.75' Overlap Row Length Adjustment= +0.75' x 2.65 sf x 7 rows

33.0" Wide + 6.0" Spacing = 39.0" C-C Row Spacing

6 Chambers/Row x 10.25' Long +0.75' Row Adjustment = 62.25' Row Length +12.0" End Stone x 2 = 64.25' Base Length 7 Rows x 33.0" Wide + 6.0" Spacing x 6 + 12.0" Side Stone x 2 = 24.25' Base Width 6.0" Stone Base + 18.5" Chamber Height + 6.0" Stone Cover = 2.54' Field Height

42 Chambers x 27.2 cf +0.75' Row Adjustment x 2.65 sf x 7 Rows = 1,154.3 cf Chamber Storage

3,960.1 cf Field - 1,154.3 cf Chambers = 2,805.8 cf Stone x 40.0% Voids = 1,122.3 cf Stone Storage

Chamber Storage + Stone Storage = 2,276.6 cf = 0.052 afOverall Storage Efficiency = 57.5%Overall System Size = $64.25' \times 24.25' \times 2.54'$

42 Chambers 146.7 cy Field 103.9 cy Stone





Pond 2P: Infiltration Chambers

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Summary for Subcatchment 1S: Impervious Areas - Existing Impevious Areas

Runoff	=	0.73 cfs @	12.13 hrs,	Volume=	0.059 af,	Depth=	4.89"
Routed	d to Pone	d 2P : Infiltrati	on Chambe	ers			

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs NRCC 24-hr C 10-Year Rainfall=5.13"

	Area (sf)	CN	Description				
6	2,153	98	Roofs, HSC	ЭC			
*	1,598	98	Paved park	ing, HSG C	, drive		
*	2,140	98	Paved park	ing, HSG C	, patio		
*	384	98	Roofs, HSC	oofs, HSG C, rear roof porch			
	6,275 6,275	98	Weighted A 100.00% Im	verage pervious A	rea		
T (mir	c Length n) (feet)	Slop (ft/ff	e Velocity t) (ft/sec)	Capacity (cfs)	Description		
6.	0				Direct Entry,		

Subcatchment 1S: Impervious Areas - Existing Impevious Areas



Summary for Pond 2P: Infiltration Chambers

Inflow Area	a =	0.144 ac,10	0.00% Impervious	, Inflow Depth =	4.89" fo	or 10-Y	ear event
Inflow	=	0.73 cfs @	12.13 hrs, Volum	e= 0.059	af		
Outflow	=	0.05 cfs @	11.05 hrs, Volum	e= 0.059	af, Atten:	= 93%,	Lag= 0.0 min
Discarded	=	0.05 cfs @	11.05 hrs, Volum	e= 0.059	af		
Primary	=	0.00 cfs @	0.00 hrs, Volum	e= 0.000	af		

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs Peak Elev= 618.59' @ 13.30 hrs Surf.Area= 0.036 ac Storage= 0.021 af

Plug-Flow detention time= 120.1 min calculated for 0.059 af (100% of inflow) Center-of-Mass det. time= 120.1 min (868.9 - 748.9)

Volume	Invert	Avail.Storage	Storage Description
#1A	617.60'	0.026 af	24.25'W x 64.25'L x 2.54'H Field A 0.091 af Overall - 0.026 af Embedded = 0.064 af x 40.0% Voids
#2A	618.10'	0.026 af	Cultec R-150XLHD x 42 Inside #1 Effective Size= 29.8"W x 18.0"H => 2.65 sf x 10.25'L = 27.2 cf Overall Size= 33.0"W x 18.5"H x 11.00'L with 0.75' Overlap Row Length Adjustment= +0.75' x 2.65 sf x 7 rows
		0.052 af	Total Available Storage

Storage Group A created with Chamber Wizard

Device	Routing	Invert	Outlet Devices		
#1	Discarded	617.60'	1.500 in/hr Exfiltration o	ver Surface	e area
#2	Primary	620.00'	4.0" Vert. Orifice/Grate	C= 0.600	Limited to weir flow at low heads

Discarded OutFlow Max=0.05 cfs @ 11.05 hrs HW=617.63' (Free Discharge) **1=Exfiltration** (Exfiltration Controls 0.05 cfs)

Primary OutFlow Max=0.00 cfs @ 0.00 hrs HW=617.60' (Free Discharge)

Pond 2P: Infiltration Chambers - Chamber Wizard Field A

Chamber Model = Cultec R-150XLHD (Cultec Recharger® 150XLHD) Effective Size= 29.8"W x 18.0"H => 2.65 sf x 10.25'L = 27.2 cf Overall Size= 33.0"W x 18.5"H x 11.00'L with 0.75' Overlap Row Length Adjustment= +0.75' x 2.65 sf x 7 rows

33.0" Wide + 6.0" Spacing = 39.0" C-C Row Spacing

6 Chambers/Row x 10.25' Long +0.75' Row Adjustment = 62.25' Row Length +12.0" End Stone x 2 = 64.25' Base Length 7 Rows x 33.0" Wide + 6.0" Spacing x 6 + 12.0" Side Stone x 2 = 24.25' Base Width 6.0" Stone Base + 18.5" Chamber Height + 6.0" Stone Cover = 2.54' Field Height

42 Chambers x 27.2 cf +0.75' Row Adjustment x 2.65 sf x 7 Rows = 1,154.3 cf Chamber Storage

3,960.1 cf Field - 1,154.3 cf Chambers = 2,805.8 cf Stone x 40.0% Voids = 1,122.3 cf Stone Storage

Chamber Storage + Stone Storage = 2,276.6 cf = 0.052 afOverall Storage Efficiency = 57.5%Overall System Size = $64.25' \times 24.25' \times 2.54'$

42 Chambers 146.7 cy Field 103.9 cy Stone







Pond 2P: Infiltration Chambers

Summary for Subcatchment 1S: Impervious Areas - Existing Impevious Areas

Runoff = 0.93 cfs @ 12.13 hrs, Volume= Routed to Pond 2P : Infiltration Chambers

0.075 af, Depth= 6.25"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs NRCC 24-hr C 25-Year Rainfall=6.49"

	Area (sf)	CN	Description	Ĝ.		
	2,153	98	Roofs, HSC	G C		
*	1,598	98	Paved park	ing, HSG C	, drive	
*	2,140	98	Paved park	ing, HSG C	, patio	
*	384	98	Roofs, HSC	C, rear ro	of porch	
	6,275 6,275	98	Weighted A 100.00% Im	verage pervious A	rea	
To (min)	c Length) (feet)	Slop (ft/ff	e Velocity t) (ft/sec)	Capacity (cfs)	Description	
6.0)				Direct Entry,	

Subcatchment 1S: Impervious Areas - Existing Impevious Areas



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Summary for Pond 2P: Infiltration Chambers

Inflow Area	a =	0.144 ac,10	0.00% Imper	rvious,	Inflow Depth	n = 6.	.25" foi	r 25-Y	ear event
Inflow	=	0.93 cfs @	12.13 hrs, V	/olume=	= 0.0	075 af			
Outflow	=	0.05 cfs @	10.75 hrs, V	/olume=	= 0.0	075 af,	Atten=	94%,	Lag= 0.0 min
Discarded	=	0.05 cfs @	10.75 hrs, V	/olume=	= 0.0	075 af			
Primary	=	0.00 cfs @	0.00 hrs, \	/olume=	= 0.0	000 af			

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs Peak Elev= 618.92' @ 13.57 hrs Surf.Area= 0.036 ac Storage= 0.030 af

Plug-Flow detention time= 182.7 min calculated for 0.075 af (100% of inflow) Center-of-Mass det. time= 182.5 min (927.6 - 745.0)

Volume	Invert	Avail.Storage	Storage Description
#1A	617.60'	0.026 af	24.25'W x 64.25'L x 2.54'H Field A 0.091 af Overall - 0.026 af Embedded = 0.064 af x 40.0% Voids
#2A	618.10'	0.026 af	Cultec R-150XLHD x 42 Inside #1 Effective Size= 29.8"W x 18.0"H => 2.65 sf x 10.25'L = 27.2 cf Overall Size= 33.0"W x 18.5"H x 11.00'L with 0.75' Overlap Row Length Adjustment= +0.75' x 2.65 sf x 7 rows
		0.052 af	Total Available Storage

Storage Group A created with Chamber Wizard

Device	Routing	Invert	Outlet Devices		
#1 #2	Discarded Primary	617.60' 620.00'	1.500 in/hr Exfiltration o 4.0" Vert. Orifice/Grate	ver Surfac C= 0.600	e area Limited to weir flow at low heads

Discarded OutFlow Max=0.05 cfs @ 10.75 hrs HW=617.63' (Free Discharge) **1=Exfiltration** (Exfiltration Controls 0.05 cfs)

Primary OutFlow Max=0.00 cfs @ 0.00 hrs HW=617.60' (Free Discharge)

Pond 2P: Infiltration Chambers - Chamber Wizard Field A

Chamber Model = Cultec R-150XLHD (Cultec Recharger® 150XLHD)

Effective Size= $29.8''W \times 18.0''H \Rightarrow 2.65 \text{ sf } \times 10.25'L = 27.2 \text{ cf}$ Overall Size= $33.0''W \times 18.5''H \times 11.00'L$ with 0.75' Overlap Row Length Adjustment= $+0.75' \times 2.65 \text{ sf } \times 7 \text{ rows}$

33.0" Wide + 6.0" Spacing = 39.0" C-C Row Spacing

6 Chambers/Row x 10.25' Long +0.75' Row Adjustment = 62.25' Row Length +12.0" End Stone x 2 = 64.25' Base Length 7 Rows x 33.0" Wide + 6.0" Spacing x 6 + 12.0" Side Stone x 2 = 24.25' Base Width

6.0" Stone Base + 18.5" Chamber Height + 6.0" Stone Cover = 2.54' Field Height

42 Chambers x 27.2 cf +0.75' Row Adjustment x 2.65 sf x 7 Rows = 1,154.3 cf Chamber Storage

3,960.1 cf Field - 1,154.3 cf Chambers = 2,805.8 cf Stone x 40.0% Voids = 1,122.3 cf Stone Storage

Chamber Storage + Stone Storage = 2,276.6 cf = 0.052 afOverall Storage Efficiency = 57.5%Overall System Size = $64.25' \times 24.25' \times 2.54'$

42 Chambers 146.7 cy Field 103.9 cy Stone





Pond 2P: Infiltration Chambers

Runoff = 1.33 cfs @ 12.13 hrs, Volume= Routed to Pond 2P : Infiltration Chambers

0.109 af, Depth= 9.04"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs NRCC 24-hr C 100-Year Rainfall=9.28"

	Area (sf)	CN	Description				
	2,153	98	Roofs, HSC	Roofs, HSG C			
*	1,598	98	Paved park	Paved parking, HSG C, drive			
*	2,140	98	Paved park	ing, HSG C	, patio		
*	384	98	Roofs, HSC	Roofs, HSG C, rear roof porch			
	6,275	98	Weighted A	verage		2	
	6,275		100.00% In	100.00% Impervious Area			
T (mir	c Length) (feet)	Slope (ft/ft	e Velocity) (ft/sec)	Capacity (cfs)	Description		
6.	0				Direct Entry,		

Subcatchment 1S: Impervious Areas - Existing Impevious Areas



Summary for Pond 2P: Infiltration Chambers

Inflow Area	a =	0.144 ac,10	0.00% Imperviou	s, Inflow Depth =	9.04" fc	or 100-Year event
Inflow	=	1.33 cfs @	12.13 hrs, Volun	ne= 0.109	9 af	
Outflow	=	0.05 cfs @	9.80 hrs, Volun	ne= 0.109	9 af, Atten=	= 96%, Lag= 0.0 min
Discarded	=	0.05 cfs @	9.80 hrs, Volun	ne= 0.109	9 af	
Primary	=	0.00 cfs @	0.00 hrs, Volun	ne= 0.000) af	

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs Peak Elev= 619.98' @ 14.51 hrs Surf.Area= 0.036 ac Storage= 0.050 af

Plug-Flow detention time= 327.9 min calculated for 0.108 af (100% of inflow) Center-of-Mass det. time= 327.9 min (1,068.1 - 740.2)

Volume	Invert	Avail.Storage	Storage Description
#1A	617.60'	0.026 af	24.25'W x 64.25'L x 2.54'H Field A
			0.091 af Overall - 0.026 af Embedded = 0.064 af x 40.0% Voids
#2A	618.10'	0.026 af	Cultec R-150XLHD x 42 Inside #1
			Effective Size= 29.8"W x 18.0"H => 2.65 sf x 10.25'L = 27.2 cf
			Overall Size= 33.0"W x 18.5"H x 11.00'L with 0.75' Overlap
			Row Length Adjustment= +0.75' x 2.65 sf x 7 rows
		0.052 af	Total Available Storage

Storage Group A created with Chamber Wizard

Device	Routing	Invert	Outlet Devices
#1 #2	Discarded Primary	617.60' 620.00'	1.500 in/hr Exfiltration over Surface area 4.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
Discard	led OutFlow	Max=0.05 cf	s @ 9.80 hrs HW=617.63' (Free Discharge)

1=Exfiltration (Exfiltration Controls 0.05 cfs)

Primary OutFlow Max=0.00 cfs @ 0.00 hrs HW=617.60' (Free Discharge)

Pond 2P: Infiltration Chambers - Chamber Wizard Field A

Chamber Model = Cultec R-150XLHD (Cultec Recharger® 150XLHD) Effective Size= 29.8"W x 18.0"H => 2.65 sf x 10.25'L = 27.2 cf Overall Size= 33.0"W x 18.5"H x 11.00'L with 0.75' Overlap Row Length Adjustment= +0.75' x 2.65 sf x 7 rows

33.0" Wide + 6.0" Spacing = 39.0" C-C Row Spacing

6 Chambers/Row x 10.25' Long +0.75' Row Adjustment = 62.25' Row Length +12.0" End Stone x 2 = 64.25' Base Length 7 Rows x 33.0" Wide + 6.0" Spacing x 6 + 12.0" Side Stone x 2 = 24.25' Base Width 6.0" Stone Base + 18.5" Chamber Height + 6.0" Stone Cover = 2.54' Field Height

42 Chambers x 27.2 cf +0.75' Row Adjustment x 2.65 sf x 7 Rows = 1,154.3 cf Chamber Storage

3,960.1 cf Field - 1,154.3 cf Chambers = 2,805.8 cf Stone x 40.0% Voids = 1,122.3 cf Stone Storage

Chamber Storage + Stone Storage = 2,276.6 cf = 0.052 afOverall Storage Efficiency = 57.5%Overall System Size = $64.25' \times 24.25' \times 2.54'$

42 Chambers 146.7 cy Field 103.9 cy Stone





Pond 2P: Infiltration Chambers

Stormwater Pollution Prevention Plan

April 6, 2023

Project Information :

Greg & Ellisa Weinhoff 3 Maple Way Sheet 101.04, Block 2, Lot 74 Town of North Castle Westchester County State of New York

Prepared by:

CAMPBELL ENGINEERING, PC Michael H. Campbell, P.E. 5 Schuman Road Millwood, NY 10546 Phone: (914) 238-3555 Email: **michael@914engineer.com**

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1. Introduction

1.1 Scope of Project

The property at 3 Maple Way (101.04-2-74) is a 2.0-acre parcel located in the Town of North Castle. The property is a residential parcel located in the R-2A zoning district or 2-acre residential area. The proposal is to remove the existing house and develop the parcel with a new home and, a pool.

The water service will come from a proposed the existing main located under Maple Way the same as the existing home. The sanitary service will be provided by individual subsurface septic systems to be located in the rear of the of the property. A stormwater management plan is required by the Town of North Castle because the proposed project will be disturbing more than 43560 square feet (ft²).

1.2 Existing Conditions

The existing property is an developed residential parcel. The soils on the property are classified by the United States Department of Agriculture (USDA) as Ridgefield Ioam (RdB), Paxton fine sandy Ioam (PnB) and Sun Ioam (Sh). These soils are well-drained with a hydrological Rating of C, C and D, respectively. Soil percolation tests conducted for the property confirmed this classification and provided a rate of 40 inches per minute. All the deep test holes we excavated to a depth of 7 feet below the surface. The property fronts Maple Way. The property slopes down toward the north property line in the center of the parcel.

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2. Stormwater Analysis

The proposed house and pool attenuate the 100-year design storm, as well as facilities for stormwater quality mitigation. To meet the storm water management requirements, the proposal includes the use of 64 units of infiltration chambers (Recharger model 150XLHD; Made by Cultec, Inc).

3. Erosion and Sediment Control

3.1 Temporary Measures

The temporary measures to be taken for the proposed project with regards to erosion and sediment control are shown on the plan. The following steps show all temporary measures to be applied to the proposed project.

Step 1: Pre-Construction Activities

- A stabilized construction entrance shall be established by the contractor. (Anti-Tracking Pad).
- The contractor shall be responsible for the daily cleanup of sediments on the roadway.
- Silt fence shall be installed along the down slope of all areas of disturbance, as shown on the site plan, or were determined as necessary.

Step 2: Runoff and Drainage Control

- Runoff shall be controlled within the area of the proposed project.
- Bare soil areas shall be seeded/strawed to control possible erosion, as well as slowing the velocity of runoff.

Step 3: Grading

Initial grading shall take place to install sediment control measures.

- Stockpiles shall be stabilized away from any drainage structures or natural drainage paths.
- Any established control shall not be disturbed by grading activities. Contractor shall not impair existing surface drainage with wall construction or grading activities to avoid potential erosion hazards.

Step 4: Erosion Control

- Measures, such as stabilization of bare areas, perimeter controls, and others, should be implemented wherever necessary.
- Stockpiles must be protected with seeding or mulching as soon as possible, and no longer than 14 days after ceasing construction activity.
- Temporary or permanent measures shall be ensured where work is delayed or completed.

Step 5: Sediment Control

- Measures must be in place prior to disturbance of a particular area in order to prevent sediment from traveling off-site.
- Swales, outlets, slopes, and others shall be stabilized to control concentrated flow.
- Dust shall be controlled to reduce and minimize the amount of particles/sediment generated by demolition and/or construction activity.

Step 6: Maintenance and Inspection

- All temporary and permanent sediment control measures shall be checked on a weekly basis for functionality and stability. This includes silt/sediment fences along site, catch basins, silt protection, and any additional measures placed on-site.
- Any bare areas in need of additional seed shall be treated as soon as possible.
- In areas where soil erosion and/or sedimentation is discovered to be a problem due to non-placement of respective measures, appropriate measures shall be considered by the resident engineer.
- Any areas determined to be problematic shall be addressed immediately.

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Step 7: Finalize Grading and Landscaping

- Final grading shall match approximately the cut and fill lines as indicated on the proposed plans, and as in the typical sections.
- Final grading must be accomplished within 14 days of the end of the construction activity, unless other specified under GP-02-01.
- Temporary measures such as silt fences and temporary accesses, may be removed at this point.

Step 8: Post Construction Controls

- Permanent structure measures to remain in place are the proposed infiltration chambers, and the concrete pre-treatment tank, as indicated on the site plan.
- Permanent non-structural measures to remain in place are the re-established areas of grass and landscaping within the non-pavement areas.
- The temporary pre-construction sedimentation basin, if proposed, will be removed, and the area will be top soiled and seeded.

3.2 Permanent Measures

Permanent erosion control measures shall consist of establishing lawn and garden areas on the property. Runoff from roof gutters will be directly connected to the stormwater system to eliminate any overland flow that could cause erosion.

4. Infiltration Chambers

The infiltration chambers shall be inspected at least four times a year, as well as after every storm that exceeds 1 inch of rain to ensure there is no accumulation of debris. The drain-down time of the chambers shall be monitored annually to ensure that it does not exceed maximum time of 48 hours. If drain-down time exceeds the maximum, the infiltration chamber shall be drained by pumping, and all connecting pipes shall be cleaned. If slow drainage persists, the system may need to be replaced. The pre-treatment basins shall be cleaned out annually or whenever the sump area contains more than 50% sediment.

5. Certification

For this project, the design of all stormwater management practices must meet the requirements and criteria set by the Stormwater Management and Erosion Control of the Town of North Castle. The proposed project was developed in accordance with the requirements of the Stormwater Management and Erosion Control of the Town of North Castle.

6. CONSTRUCTION SEQUENCE

- Install a Tracking pad at the entrance.
- Install erosion control, parameter silt fencing.
- Mark trees to be removed, driveway, house site, all drainage areas, and septic system.
- Remove trees that are slated to be removed.
- Corden off septic area and drainage areas
- Cut in the driveway and gain access to the house site.
- House building will start.
- Install drainage system and septic system.
- Connect water to the existing main in street.
- Connect natural gas service to existing main in street.
- House construction will be complete.
- Seed grass areas, plant all site plants and shrubs (upon stabilization of site)
- Blacktop driveway
- Remove erosion control and silt fencing (upon stabilization of site)
- Turn the home over to the owner.

7. A Trained Contractor and Qualified Inspector must be certified. The frequency of inspections throughout construction was indicated by an earlier section. Below are the requirements:

A copy of the Contractor Certification Form shall be included in the Stormwater Pollution Prevention Plan Report. This form will be signed by the contractor prior to the commencement of construction activity. Each contractor and subcontractor shall identify at least one (1) person from their company that will be responsible for implementation of the SWPPP. This person shall be known as the trained contractor. The trained contractor shall be on site on a daily basis when

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soil disturbance activities are being performed. The trained contractor must receive four (4) hours of NYSDEC endorsed training in proper erosion and sediment control principles from a Soil and Water Conservation District, or other NYSDEC endorsed entity. The trained contractor must receive four (4) hours of training every three (3) years.

. The owner/operator shall maintain at the construction site a copy of the NYSDEC SPDES General Permit for Stormwater Discharges from Construction Activities, GP-0-20-001, the NOI, the NOI Acknowledgment Letter, the Stormwater Pollution Prevention Plan Report, the MS4 SWPPP Acceptance Form and inspection reports from the qualified inspector until all disturbed areas have achieved final stabilization and the Notice of Termination (NOT) has been filed with the NYSDEC.

The applicant or developer or their representative shall always be on site when construction or grading activity takes place. A qualified inspector shall conduct site inspections a minimum of once every seven (7) calendar days. The qualified inspector shall inspect and document the effectiveness of all erosion and sediment control practices. The qualified inspector shall prepare an inspection report after each inspection. The reports shall be forwarded to the Town's Stormwater Management Officer and copied to the site logbook. The qualified inspector must be a licensed Professional Engineer, a Certified Professional in Erosion and Sediment Control (CPESC), a Registered Landscape Architect or someone working under the direct supervision of, and at the same company as, the Licensed Professional Engineer or Registered Landscape Architect, provided they have received four (4) hours of NYSDEC endorsed training in proper erosion and sediment control principles from a soil and water conservation district.

NOI for coverage under Stormwater General Permit for Construction Activity

Alternate Identifier 3 Maple Way Submission HPS-QH1H-X1WR2 Revision 1 Form Version 1.35

Review

This step allows you to review the form to confirm the form is populated completely and accurately, prior to certification and submission.

Please note: Any work you perform filling out a form will not be accessible by NYSDEC staff or the public until you actually submit the form in the 'Certify & Submit' step.

OWNER/OPERATOR INFORMATION

```
Owner/Operator Name (Company/Private
Owner/Municipality/Agency/Institution, etc.)
Greg Weinhoff
```

Owner/Operator Contact Person Last Name (NOT CONSULTANT) Weinhoff

Owner/Operator Contact Person First Name

Greg

Owner/Operator Mailing Address

3 Maple Way

City Armonk

State

NY

Zip 10504 4/7/23, 2:15 PM

Phone

914-882-7892

Email greg@weinhoff.net

Federal Tax ID None Specified

PROJECT LOCATION

	Project/Site Name
	3 Maple Way
	Street Address (Not P.O. Box)
	3 Maple Way
	Side of Street
	West
	City/Town/Village/THATISSUES BUILDING DEDMIT
	Town of North Castle
	Town of North Castle
	State
	NY
	Zip
	10504
	DEC Region
	3
C	ounty
V	VESTCHESTER
	Name of Nearest Cross Street
	Windmill Road
	Distance to Nearest Cross Street (Feet)
	100
	Project In Relation to Cross Street
	North

4/7/23, 2:15 PM NYSDEC eBusiness Portal System - NOI for coverage under Stormwater General Permit for Construction Activity. Revision
Total Area to be Disturbed (acres)
1.7
Existing Impervious Area to be Disturbed (acres)
0.1
Future Impervious Area Within Disturbed Area (acres)
0.2
5. Do you plan to disturb more than 5 acres of soil at any one time?
No
site.
A (%)
0
B (%)
0
85
D (%)
15
7. Is this a phased project?
No
8. Enter the planned start and end dates of the disturbance activities.
Shareh Data
5/1/2023
End Date
5/1/2024
9. Identify the nearest surface waterbody(ies) to which construction

site runoff will discharge.

Windmill Lake

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Tax Map Numbers Section-Block-Parcel

101.04-2-74

Tax Map Numbers

None Specified

1. Coordinates

Provide the Geographic Coordinates for the project site. The two methods are:

- Navigate to the project location on the map (below) and click to place a marker and obtain the XY coordinates.

- The "Find Me" button will provide the lat/long for the person filling out this form. Then pan the map to the correct location and click the map to place a marker and obtain the XY coordinates.

Navigate to your location and click on the map to get the X,Y coordinates

Latitude	Longitude	
41.14350109999999	-73.6822474	

PROJECT DETAILS

2. What is the nature of this project?

Redevelopment with increase in impervious area

3. Select the predominant land use for both pre and post development conditions.

Pre-Development Existing Landuse

Single Family Home

Post-Development Future Land Use

Single Family Home

3a. If Single Family Subdivision was selected in question 3, enter the number of subdivision lots.

1

4. In accordance with the larger common plan of development or sale, enter the total project site acreage, the acreage to be disturbed and the future impervious area (acreage) within the disturbed area.

*** ROUND TO THE NEAREST TENTH OF AN ACRE. ***

Total Site Area (acres)

```
9a. Type of waterbody identified in guestion 9?
Lake Off Site
  Other Waterbody Type Off Site Description
  Man made lake
9b. If "wetland" was selected in 9A, how was the wetland identified?
Regulatory Map
  10. Has the surface waterbody(ies in question 9 been identified as a
  303(d) segment in Appendix E of GP-0-20-001?
  No
  Is this project located in one of the Watersheds identified in
  Appendix C of GP-0-20-001?
  No
  12. Is the project located in one of the watershed areas associated with
 AA and AA-S classified waters?
 No
 If No, skip question 13.
 13. Does this construction activity disturb land with no existing
 impervious cover and where the Soil Slope Phase is identified as D
 (provided the map unit name is inclusive of slopes greater than 25%), E
 or F on the USDA Soil Survey?
 None Specified
 If Yes, what is the acreage to be disturbed?
 None Specified
 14. Will the project disturb soils within a State regulated wetland or the
 protected 100 foot adjacent area?
 No
 15. Does the site runoff enter a separate storm sewer system
 (including roadside drains, swales, ditches, culverts, etc)?
 Yes
 16. What is the name of the municipality/entity that owns the separate
 storm sewer system?
 North Castle
 17. Does any runoff from the site enter a sewer classified as a
 Combined Sewer?
 No
```

NYSDEC eBusiness Portal System - NOI for coverage under Stormwater General Permit for Construction Activity. Revision 1

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18. Will future use of this site be an agricultural property as defined by the NYS Agriculture and Markets Law?

No

19. Is this property owned by a state authority, state agency, federal government or local government?

No

20. Is this a remediation project being done under a Department approved work plan? (i.e. CERCLA, RCRA, Voluntary Cleanup Agreement, etc.)

No

REQUIRED SWPPP COMPONENTS

21. Has the required Erosion and Sediment Control component of the SWPPP been developed in conformance with the current NYS Standards and Specifications for Erosion and Sediment Control (aka Blue Book)?

Yes

22. Does this construction activity require the development of a SWPPP that includes the post-construction stormwater management practice component (i.e. Runoff Reduction, Water Quality and Quantity Control practices/techniques)?

No

If you answered No in question 22, skip question 23 and the Post-construction Criteria and Post-construction SMP Identification sections.

23. Has the post-construction stormwater management practice component of the SWPPP been developed in conformance with the current NYS Stormwater Management Design Manual?

Yes

24. The Stormwater Pollution Prevention Plan (SWPPP) was prepared by: Professional Engineer (P.E.)

SWPPP Preparer

Michael Campbell PE\ Campbell Engineering

Contact Name (Last, Space, First)

Campbell, Michael

Mailing Address

5 Schuman Road

4/7/23, 2:15 PM	NYSDEC eBusiness Portal System - NOI for coverage under Stormwater General Permit for Construction Activity. Revision 1
City	
Millwood	
State	
NY	
Zin	
210	
10546	
Phone	

9142383555

Email michael@914engineer.com

Download SWPPP Preparer Certification Form

Please take the following steps to prepare and upload your preparer certification form:

1) Click on the link below to download a blank certification form

2) The certified SWPPP preparer should sign this form

3) Scan the signed form

4) Upload the scanned document

Download SWPPP Preparer Certification Form

Please upload the SWPPP Preparer Certification

2023-04-07_134551 - Copy.pdf

Comment

None Specified

EROSION & SEDIMENT CONTROL CRITERIA

25. Has a construction sequence schedule for the planned management

practices been prepared?

Yes

26. Select all of the erosion and sediment control practices that will be employed on the project site:

Temporary Structural Silt Fence Stabilized Construction Entrance 4/7/23, 2:15 PM

Biotechnical None

Vegetative Measures

Seeding Mulching Sodding Topsoiling

Permanent Structural None

Other infiltration chambers

POST-CONSTRUCTION CRITERIA

* IMPORTANT: Completion of Questions 27-39 is not required if response to Question 22 is No.

27. Identify all site planning practices that were used to prepare the final site plan/layout for the project. None Specified

27a. Indicate which of the following soil restoration criteria was used to address the requirements in Section 5.1.6("Soil Restoration") of the Design Manual (2010 version).

None Specified

28. Provide the total Water Quality Volume (WQv) required for this project (based on final site plan/layout). (Acre-feet)

None Specified

29. Post-construction SMP Identification

Use the Post-construction SMP Identification section to identify the RR techniques (Area Reduction), RR techniques(Volume Reduction) and Standard SMPs with RRv Capacity that were used to reduce the Total WQv Required (#28).

Identify the SMPs to be used by providing the total impervious area that contributes runoff to each technique/practice selected. For the Area Reduction Techniques, provide the total contributing area (includes pervious area) and, if applicable, the total impervious area that contributes runoff to the technique/practice.

Note: Redevelopment projects shall use the Post-Construction SMP Identification section to identify the SMPs used to treat and/or reduce the WQv required. If runoff reduction techniques will not be used to reduce the required WQv, skip to question 33a after identifying the SMPs. 30. Indicate the Total RRv provided by the RR techniques (Area/Volume Reduction) and Standard SMPs with RRv capacity identified in question 29. (acre-feet)

None Specified

31. Is the Total RRv provided (#30) greater than or equal to the total WQv required (#28)?

None Specified

If Yes, go to question 36. If No, go to question 32.

32. Provide the Minimum RRv required based on HSG. [Minimum RRv Required = (P) (0.95) (Ai) / 12, Ai=(s) (Aic)] (acre-feet)

None Specified

32a. Is the Total RRv provided (#30) greater than or equal to the Minimum RRv Required (#32)?

None Specified

If Yes, go to question 33.

Note: Use the space provided in question #39 to summarize the specific site limitations and justification for not reducing 100% of WQv required (#28). A detailed evaluation of the specific site limitations and justification for not reducing 100% of the WQv required (#28) must also be included in the SWPPP.

If No, sizing criteria has not been met; therefore, NOI can not be processed. SWPPP preparer must modify design to meet sizing criteria.

33. SMPs

Use the Post-construction SMP Identification section to identify the Standard SMPs and, if applicable, the Alternative SMPs to be used to treat the remaining total WQv (=Total WQv Required in #28 - Total RRv Provided in #30).

Also, provide the total impervious area that contributes runoff to each practice selected.

NOTE: Use the Post-construction SMP Identification section to identify the SMPs used on Redevelopment projects.

33a. Indicate the Total WQv provided (i.e. WQv treated) by the SMPs identified in question #33 and Standard SMPs with RRv Capacity identified in question #29. (acre-feet)

None Specified

Note: For the standard SMPs with RRv capacity, the WQv provided by each practice = the WQv calculated using the contributing drainage area to the practice - provided by the practice. (See Table 3.5 in Design Manual) 4/7/23, 2:15 PM

34. Provide the sum of the Total RRv provided (#30) and the WQv provided (#33a).

None Specified

35. Is the sum of the RRv provided (#30) and the WQv provided (#33a) greater than or equal to the total WQv required (#28)?

None Specified

If Yes, go to question 36.

If No, sizing criteria has not been met; therefore, NOI can not be processed. SWPPP preparer must modify design to meet sizing criteria.

36. Provide the total Channel Protection Storage Volume (CPv required and provided or select waiver (#36a), if applicable.

CPv Required (acre-feet) None Specified

CPv Provided (acre-feet) None Specified

36a. The need to provide channel protection has been waived because: *None Specified*

37. Provide the Overbank Flood (Qp) and Extreme Flood (Qf) control criteria or select waiver (#37a), if applicable.

Overbank Flood Control Criteria (Qp)

Pre-Development (CFS) None Specified

Post-Development (CFS) None Specified

Total Extreme Flood Control Criteria (Qf)

Pre-Development (CFS) None Specified

Post-Development (CFS) None Specified

37a. The need to meet the Qp and Qf criteria has been waived because:

None Specified

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38. Has a long term Operation and Maintenance Plan for the postconstruction stormwater management practice(s) been developed?

None Specified

If Yes, Identify the entity responsible for the long term Operation and Maintenance

None Specified

39. Use this space to summarize the specific site limitations and justification for not reducing 100% of WQv required (#28). (See question #32a) This space can also be used for other pertinent project information.

None Specified

POST-CONSTRUCTION SMP IDENTIFICATION

Runoff Reduction (RR) Techniques, Standard Stormwater Management Practices (SMPs) and Alternative SMPs

Identify the Post-construction SMPs to be used by providing the total impervious area that contributes runoff to each technique/practice selected. For the Area Reduction Techniques, provide the total contributing area (includes pervious area) and, if applicable, the total impervious area that contributes runoff to the technique/practice.

RR Techniques (Area Reduction)

Round to the nearest tenth

Total Contributing Acres for Conservation of Natural Area (RR-1)

0

Total Contributing Impervious Acres for Conservation of Natural Area (RR-1)

0

Total Contributing Acres for Sheetflow to Riparian Buffers/Filter Strips (RR-2)

0

Total Contributing Impervious Acres for Sheetflow to Riparian Buffers/Filter Strips (RR-2)

0

Total Contributing Acres for Tree Planting/Tree Pit (RR-3)

Total Contributing Impervious Acres for Tree Planting/Tree Pit (RR-3)

0

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Total Contributing Acres for Disconnection of Rooftop Runoff (RR-4)

0

RR Techniques (Volume Reduction)

Total Contributing Impervious Acres for Disconnection of Rooftop Runoff (RR-4)

0

Total Contributing Impervious Acres for Vegetated Swale (RR-5) 0

Total Contributing Impervious Acres for Rain Garden (RR-6)

Total Contributing Impervious Acres for Stormwater Planter (RR-7) 0

Total Contributing Impervious Acres for Rain Barrel/Cistern (RR-8)

Total Contributing Impervious Acres for Porous Pavement (RR-9) 0

Total Contributing Impervious Acres for Green Roof (RR-10) 0

Standard SMPs with RRv Capacity

Total Contributing Impervious Acres for Infiltration Trench (I-1)

Total Contributing Impervious Acres for Infiltration Basin (I-2)

Total Contributing Impervious Acres for Dry Well (I-3)

Total Contributing Impervious Acres for Underground Infiltration System (I-4)

0.2

Total Contributing Impervious Acres for Bioretention (F-5)

0

/7/23, 2:15 PM	NYSDEC eBusiness Portal System - NOI for coverage under S	Stormwater General Permit for Construction Activity. Revision 1
Total Contributing	Impervious Acres for Dry Swale (0-1)	
0		
Standard SMPs		
Total Contributing I (P-1)	mpervious Acres for Micropool Extended Detention	
0		
Total Contributing I	mpervious Acres for Wet Pond (P-2)	
0		
Total Contributing I O	mpervious Acres for Wet Extended Detention (P-3)	
Total Contributing I O	mpervious Acres for Multiple Pond System (P-4)	
Total Contributing I O	mpervious Acres for Pocket Pond (P-5)	
Total Contributing I O	mpervious Acres for Surface Sand Filter (F-1)	
Total Contributing I 0	mpervious Acres for Underground Sand Filter (F-2)	
Total Contributing I O	mpervious Acres for Perimeter Sand Filter (F-3)	
Total Contributing I O	mpervious Acres for Organic Filter (F-4)	
Total Contributing I	mpervious Acres for Shallow Wetland (W-1)	
Total Contributing I (W-2)	mpervious Acres for Extended Detention Wetland	
0		
Total Contributing I	mpervious Acres for Pond/Wetland System (W-3)	
U		

4/7/23, 2:15 PM	NYSDEC eBusiness Portal System - NOI for coverage under Stormwater General Permit for Construction Activity. Revision 1
Total Contributir	ng Impervious Acres for Pocket Wetland (W-4)
0	
Total Contributin	ng Impervious Acres for Wet Swale (0-2)
0	
Alternative SMP	s (DO NOT INCLUDE PRACTICES BEING USED FOR PRETREATMENT ONLY)
Total Contributin	g Impervious Area for Hydrodynamic
00	
Total Contributio	a Importious Aros for Wat Vault
0	
Total Contributin	g Impervious Area for Media Filter
0	
"Other" Alternati	ve SMP?
U	
Total Contributin	g Impervious Area for "Other"
0	
Provide the name	e and manufaturer of the alternative SMPs (i.e. proprietary practice(s)) being used for WQv treatment.
Note: Redevelop	ment projects which do not use RR techniques, shall use questions 28, 29, 33 and 33a to provide SMPs
used, total work	
Manufacturer of	Alternative SMP
none	

Name of Alternative SMP none

OTHER PERMITS

40. Identify other DEC permits, existing and new, that are required for this project/facility. None

If SPDES Multi-Sector GP, then give permit ID

None Specified

If Other, then identify

None Specified

41. Does this project require a US Army Corps of Engineers Wetland Permit?

No

If "Yes," then indicate Size of Impact, in acres, to the nearest tenth

None Specified

42. If this NOI is being submitted for the purpose of continuing or transferring coverage under a general permit for stormwater runoff from construction activities, please indicate the former SPDES number assigned.

None Specified

MS4 SWPPP ACCEPTANCE

43. Is this project subject to the requirements of a regulated, traditional land use control MS4?

Yes - Please attach the MS4 Acceptance form below

If No, skip question 44

44. Has the "MS4 SWPPP Acceptance" form been signed by the principal executive officer or ranking elected official and submitted along with this NOI?

None Specified

MS4 SWPPP Acceptance Form Download

Download form from the link below. Complete, sign, and upload.

MS4 SWPPP Acceptance Form

MS4 Acceptance Form Upload

Document_2023-04-07_140611 - Copy.pdf

Comment

None Specified

OWNER/OPERATOR CERTIFICATION

The owner/operator must download, sign, and upload the certification form in order to complete this application.

4/7/23, 2:15 PM

Owner/Operator Certification Form Download

Download the certification form by clicking the link below. Complete, sign, scan, and upload the form.

Owner/Operator Certification Form (PDF, 45KB)

Upload Owner/Operator Certification Form

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Comment

None Specified