Stormwater Pollution Prevention Plan (SWPPP)

Temporary Site Plan - Concrete Plant
STERIS Isomedix
Nucifora Boulevard
Section 117, Block 1, Lot 3
Village of Chester, Orange County, NY

Prepared for:

V. Paulius & Associates
54 West Allendale Avenue
Allendale, NJ 07401

JOB # 140133.07

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MJS **ENGINEERING & LAND SURVEYING, PC**

MJS Engineering & Land Surveying, PC
261 Greenwich Avenue
Goshen NY 10924
845-291-8650

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I. INTRODUCTION

The purpose of this Stormwater Pollution Prevention Plan is to meet the requirements of the NYS Dept. of Environmental Conservation (NYSDEC) SPDES General Permit for Stormwater Discharges from Construction Activity, Permit No. GP-0-20-001, effective January 29, 2020. The project will meet the stormwater quality objectives by providing erosion and sediment control during construction. The temporary concrete plant shall be removed after completion of the STERIS sterilization facility expansion, across Nucifora Blvd. After removal of the concrete plant, the site will be vegetated, which will stabilize the disturbed area.

II. BACKGROUND INFORMATION

A. PROJECT DESCRIPTION

STERIS Isomedix currently operates sterilization facilities at 23 Elizabeth Drive, and the site across the street at 2 Nucifora Boulevard, Village of Chester, Orange County, NY. V. Paulius Associates is the developer for the Chester Industrial Park. V. Paulius proposes to construct a sterilization facility expansion for STERIS at 2 Nucifora Boulevard, lot 4.2.

This project is a temporary site plan for a concrete plant, which will be used for the construction of the sterilization facility expansion. The site is located at the corner of Nucifora Blvd and Chester Blvd. and is bordered on the northwest side by the Black Meadow Creek. Along with the temporary concrete plant, there will be parking for construction employees. There will be no additional impervious area, upon removal of the concrete plant. The total disturbed area will be 1.7 acres.

The water supply for the concrete plant will be from the Village of Chester. The sewage disposal will be portable toilets.

Drawing C-1 contains a location map. Drawing C-2 portrays the erosion & sediment control plan.

For this site, standard erosion and sediment control features will be used, including silt fences, to be installed prior to and maintained during construction to contain silt and sediment on the site. Through the use of erosion and sediment control, the effects of this site on the surrounding area will be mitigated.

IV. EXISTING (PRE-DEVELOPMENT) CONDITIONS

A. TOPOGRAPHY

The topography of the site slopes west toward the Black Meadow Creek. The slopes are gentle across the site.

B. EXISTING LAND USE

The site is currently meadow and is currently unoccupied.

C. SOIL SURVEY INFORMATION

The existing soils on the site are classified as Ma Madalin silt loam, MdC Mardin gravelly silt loam, and RbA Rhinebeck silt loam. Soils information is presented on Figure #1.

Ma Madalin silt loam, Hydrologic Group C/D

MdC Mardin gravelly silt loam, 8 to 15 percent slopes, Hydrologic Group D.

RbA Rhinebeck silt loam, 0 to 3 percent slopes, Hydrologic Group C/D

Hydrologic group D soil was used to develop the runoff curve numbers.

D. HYDROLOGIC DATA

The time of concentration (Tc) for the site was developed using TR-55. The existing site is meadow, and the meadow will be reestablished after removal of the temporary concrete plant. This was used to establish the pre and post-development hydrographs for the 1, 10, and 100-year return interval storms. Drainage areas and runoff curve numbers are presented in Appendix A.

For developing the hydrographs, the following hydrologic data for Orange County, NY was utilized, based on NYSSDM Figures 4.2, 4.3 & 4.4:

Design Rainfall Data	
Return Interval (Years)	**SCS 24-Hour Precipitation (Inches)**
1	2.70
10	4.90
100	8.80

VI. PROPOSED FUTURE (DEVELOPMENT) CONDITIONS

A. CHANGES TO LAND SURFACE

In the areas to be developed, the existing meadow will be removed. After removal of the temporary concrete plant, these areas will be top soiled and seeded.

B. CONSTRUCTION SCHEDULE

Construction is scheduled to begin in the summer of 2020. Completion is scheduled for approximately the fall of 2021.

VII. COMPARISON OF PRE-DEVELOPMENT WITH POST DEVELOPMENT RUNOFF

A. METHODOLOGIES

The pre-development hydrographs were developed as previously described. The site has an area of approximately 4.10 acres.

Peak rates of runoff for the post-developed conditions were calculated utilizing the methodologies outlined in the publication, *TR-55, Urban Hydrology for Small Water Sheds* (SCS, 1986). Various coefficients used in this analysis were taken from the USDA *Web Soil Survey*. Routing for the pre- and post-developed condition was done utilizing the computer program known as *Hydraflow* (Autodesk, 2019).

The stormwater runoff will follow existing drainage patterns and discharge to the Black Meadow Creek. Pre- and Post-Development Lot 3 consists of the entire site.

The Tc summary is presented in Table #1.

Table #1 — Time of Concentration Summary (Black Meadow Creek)

Drainage Area	Pre-Development (Hrs.)	Post-Development (Hrs.)
Lot 3	0.36	0.36

We were able to maintain the post-development peak rates of discharge to the pre-development rates. Hydrographs for the 1, 10, and 100-year return period storms are presented in Appendices B, C, and D. Table #2 summarizes the pre and post development peak rates of discharge.

Table #2 — Peak Rates of Discharge (Black Meadow Creek)

	DA (Ac.)		CN		Discharge (cfs)	
Area	**Pre**	**Post**	**Pre**	**Post**	**Pre**	**Post**
Lot 3	4.10	4.10	78	78		
Q_1					2.89	2.89
Q_{10}					8.63	8.63
Q_{100}					19.92	19.92

VIII. CALCULATIONS

Detailed calculations are included in the Appendix of this report.

IX. STORMWATER MANAGEMENT

A. STORMWATER MANAGEMENT FACILITIES

As there will be no permanent impervious surfaces constructed, no stormwater Best Management Practices (BMPs) are required. Stormwater will follow existing drainage patterns, after the removal of the temporary concrete plant.

B. STORMWATER CONVEYANCE SYSTEM

The site will sheet flow and shallow concentrated flow to the Black Meadow Creek, on the northwest side of the site. The proposed drainage patterns will remain essentially unchanged from the existing patterns.

C. LANDSCAPE FEATURES

As part of the overall development of the site, in those areas that would be disturbed, we would provide a meadow.

X. EROSION AND SEDIMENT CONTROL

A. TEMPORARY EROSION AND SEDIMENT CONTROL FACILITIES

The Erosion and Sediment Control Plan for the proposed site will utilize silt fences, and inlet protection to be installed by the contractor prior to construction. These features will be maintained during construction to contain the silt and sediment on site. These facilities will remain in place until vegetation is established.

Stabilized Construction Entrance: A temporary gravel construction entrance/exit will be installed at the entrance to the property. Two-inch (2") diameter stone, 6" thick will be used for the entrance.

Silt Fence: Silt fence will be installed on the downslope side of disturbed areas, as shown on the Erosion and Sediment Control Plan.

Grading: Grading will be required on the site. Upon completion of rough grading, the area will be temporarily vegetated.

Surface Stabilization: Stabilization of the surface will be accomplished with vegetation and mulch as specified in the Erosion and Sediment Control Plan. Driveway subbase course will be installed as soon as finished grade is reached.

Dust Control: Dust control is not anticipated to be a problem. Should excessive dust be generated by construction activities, the contractor will control it by sprinkling water on the disturbed areas.

Soil Stockpiling: Stockpiles shall be enclosed with silt fence.

B. PERMANENT EROSION AND SEDIMENT CONTROL FACILITIES

The establishment of vegetation will proceed after removal of the temporary concrete plant. The meadow areas will be mowed periodically by V Paulius.

C. POLLUTION PREVENTION MEASURES DURING CONSTRUCTION (OTHER THAN SOIL DISTURBANCE)

The following product-specific practices will be followed on site:

Petroleum Products: All on-site vehicles will be monitored for leaks and receive regular preventive maintenance to reduce the change of leakage. Petroleum products will be stored in tightly sealed containers that are clearly labeled. Any asphalt substances used on site will be applied according to the manufacturer's recommendations.

Waste Disposal: All waste materials and litter will be collected and stored in a securely lidded metal dumpster rented from a licensed solid waste management company. The dumpster will meet all local and any state solid waste management regulations. All trash and construction debris from the site will be deposited in the dumpster. The dumpster will be emptied as often as necessary, and the trash will be hauled to a transfer station. No construction waste materials will be buried on site. All personnel will be instructed regarding the correct procedure for waste disposal. Notices stating these practices will be posted in the office trailer.

Sanitary Waste: All sanitary waste will be collected from the portable units by a licensed sanitary waste management contractor.

Recyclable Waste: All recyclable waste (cardboard, wood, etc.) shall be collected and recycled.

Refueling: All refueling, repair, and changing of equipment and vehicle fluids shall be conducted in a designated area, if practicable. This area will be designed in a manner to reduce the potential for contamination of on-site resources. For refueling, repair, and changing of equipment and vehicles outside of the designated areas, care should be taken to avoid activities with ±100 feet of wetlands, streams, water bodies, or other environmentally-sensitive areas.

D. ON-SITE STORAGE OF CONSTRUCTION AND WASTE MATERIALS

Material Management Practices:

The following are the management practices that will be used to reduce the risk of spills or other accidental exposure of materials and substances listed above to stormwater runoff:

- Products will be kept in original containers unless they are not resealable.
- Original labels and material safety data sheets will be retained.
- An effort will be made to store only enough products required to do the job.
- All materials stored on site will be stored in a neat, orderly manner in their appropriate containers and, if possible, under a roof or other enclosure and/or on blacktop.
- Products will be kept in their original containers with the original manufacturer's label.
- Substances will not be mixed with one another unless recommended by the manufacturer.
- Whenever possible, all of a product will be used up before disposing of the container.
- Manufacturers' recommendations for proper use and disposal will be followed.
- The site superintendent will inspect daily to ensure the proper use and disposal of materials on site.
- Manufacturers' recommended methods for spill cleanup will be clearly posted and site personnel will be made aware of the procedures and the location of the information and cleanup supplies.
- Materials and equipment necessary for spill cleanup will be kept in the material storage area on site. Equipment and materials will include but not be limited to brooms, dust pans, mops, rags, gloves, goggles, kitty litter, sand, sawdust, and plastic and metal trash containers specifically for this purpose.
- All spills will be cleaned up immediately after discovery.
- The spill area will be kept well ventilated and personnel will wear appropriate protective clothing to prevent injury from contact with a hazardous substance.

- Spills of any size of toxic or hazardous material will be reported to the NYSDEC or the Village of Chester Building Department.

The spill prevention plan will be adjusted to include measures to prevent this type of spill from recurring and how to clean up the spill if there is another one. A description of the spill, what caused it, and the cleanup measures will also be included.

XI. IMPLEMENTATION SCHEDULE AND MAINTENANCE

A. IMPLEMENTATION SCHEDULE FOR STAGING OF ALL STORMWATER MANAGEMENT FACILITIES.

The Erosion and Sediment Control Plan for the proposed site will utilize silt fences to be installed prior to and during construction to contain silt and sediment on site. These facilities will be placed as shown on the plans and are to be maintained during construction to ensure that they will continue to remove sediment throughout the period of construction.

There will be existing topsoil on site to be stockpiled. All areas of construction that will not be seeded within 14 days will receive temporary seeding as specified on the plans. When construction is completed, topsoil will be brought in and spread to a depth of 4 inches and a permanent vegetative cover established. Upon determination that the vegetation cover has reached the level where sedimentation will not be a problem, all the sedimentation control can then be removed.

As part of the development, the following will take place for implementing the erosion and sediment controls:

1) Installation of construction entrance.

2) Installation of silt fencing as shown on the plan.

3) General site clearing of vegetation for the areas disturbed

4) Soil stockpiling and rough grading.

5) Install subbase for the roads.

6) Temporary seeding.

7) Construction of temporary concrete plant.

8) Topsoil and seeding.

9) Upon final completion of sterilization facility expansion, remove temporary concrete plant.

10) Regrade site, topsoil, and seeding.

11) Remove erosion and sediment control.

Inspection of erosion and sediment control shall be performed every seven (7) calendar days.

B. DESCRIPTION OF ARRANGEMENTS (SHORT-TERM MAINTENANCE)

These items will be handled by V. Paulius & Associates.

All soil erosion and sediment control practices will be checked for stability once every week. Any needed repairs will be made immediately to maintain all practices as designed.

Sediment will be removed from behind the silt fence when it becomes about 0.5 feet deep at the fence. The silt fence will be repaired as necessary to maintain a barrier.

All seeded areas will be fertilized, reseeded as necessary, and mulched to maintain a vigorous, dense vegetative cover. SWPPP Certification forms are presented in Appendix G.

C. DESCRIPTION OF ARRANGEMENTS (LONG-TERM MAINTENANCE)

The only long-term maintenance required for this project is periodic mowing of the site. These items will be handled by V Paulius.

XII. ACCOUNTABILITY DURING PLAN IMPLEMENTATION

V. Paulius Associates will be responsible for the implementation of the soil erosion and sediment control during construction. Maintenance will include the routine cutting of grass. The project would be overseen by the Village of Chester Building Dept. who will ensure that the project and the associated improvements are implemented correctly.

XIII. WORKS CITED

Autodesk, Inc. (2019), Hydraflow Hydrographs Extension for Autodesk Civil 3D, Computer Program, San Rafael, CA

New York State Department of Environmental Conservation (NYSDEC), (January 2015), *New York State Stormwater Management Design Manual*, Albany, NY

New York State Dept. of Environmental Conservation, (November 2016), *Standards and Specifications for Erosion and Sediment Control*, Albany, NY

Soil Conservation Service (SCS), (June 1986), *Urban Hydrology for Small Water Sheds*, New York, NY

Soil Survey Staff, Natural Resources Conservation Service, United States Department of Agriculture (USDA). *Web Soil Survey*. Available online at http://websoilsurvey.nrcs.usda.gov/. Accessed 05/27/2020.

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MJS Engineering & Land Surveying, PC
261 Greenwich Avenue
Goshen, NY 10924

FIGURES

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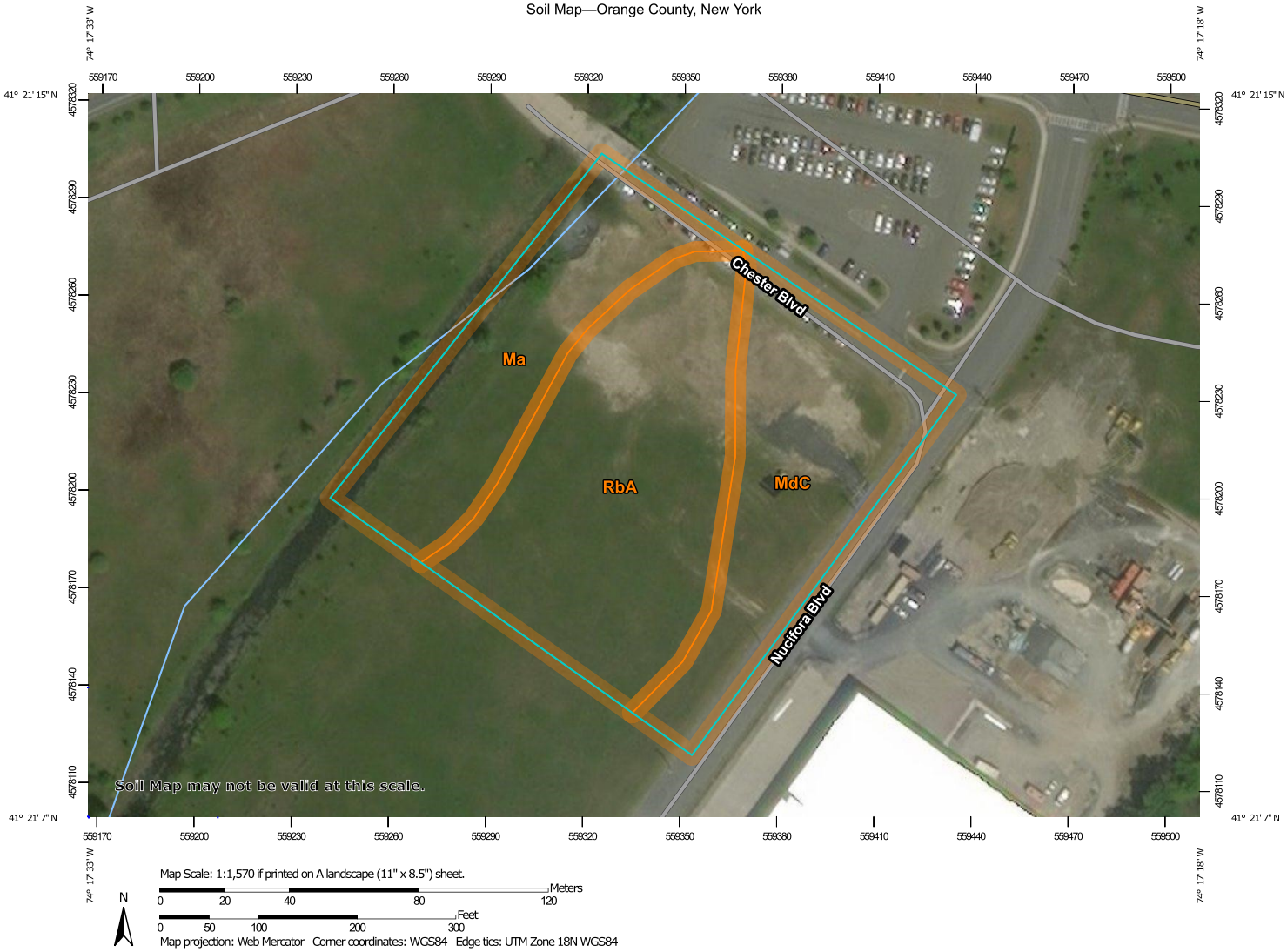
Site Soils

Figure #1

Soil Map—Orange County, New York



Map Scale: 1:1,570 if printed on A landscape (11" x 8.5") sheet.

N

Meters
0 20 40 80 120

Feet
0 50 100 200 300

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:15,800.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Orange County, New York
Survey Area Data: Version 20, Sep 16, 2019

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Oct 7, 2013—Feb 26, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Ma	Madalin silt loam	1.2	26.1%
MdC	Mardin gravelly silt loam, 8 to 15 percent slopes	1.4	30.4%
RbA	Rhinebeck silt loam, 0 to 3 percent slopes	2.0	43.4%
Totals for Area of Interest		**4.6**	**100.0%**

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Goshen, NY 10924

APPENDICES

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Drainage Areas, Runoff Curve Numbers

Appendix A

Temporary Site Plan - Concrete Plant STERIS Isomedix
SWPPP 2020-06
Drainage Areas and Runoff Curve Numbers

Hydrograph	Description	Hydrologic Soil Group D				Total (AC)
		Woods CN 77 (AC)	Meadow CN 78 (AC)	Lawn CN 80 (AC)	Road CN 98 (AC)	
1	**Pre-Dev Lot 3**		4.10			4.10
3	**Post-Dev Lot 3**		4.10			4.10

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Pre- and Post-Development Hydrographs
1-Year Return Interval Storm

Appendix B

Watershed Model Schematic

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® 2019 by Autodesk, Inc. v2020

Legend

Hyd.	Origin	Description
1	SCS Runoff	Pre- Dev Lot 3
3	SCS Runoff	Post- Dev Lot 3

Hydrograph Summary Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® 2019 by Autodesk, Inc. v2020

Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to Peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph Description
1	SCS Runoff	2.883	1	736	13,831	------	------	------	Pre- Dev Lot 3
3	SCS Runoff	2.883	1	736	13,831	------	------	------	Post- Dev Lot 3

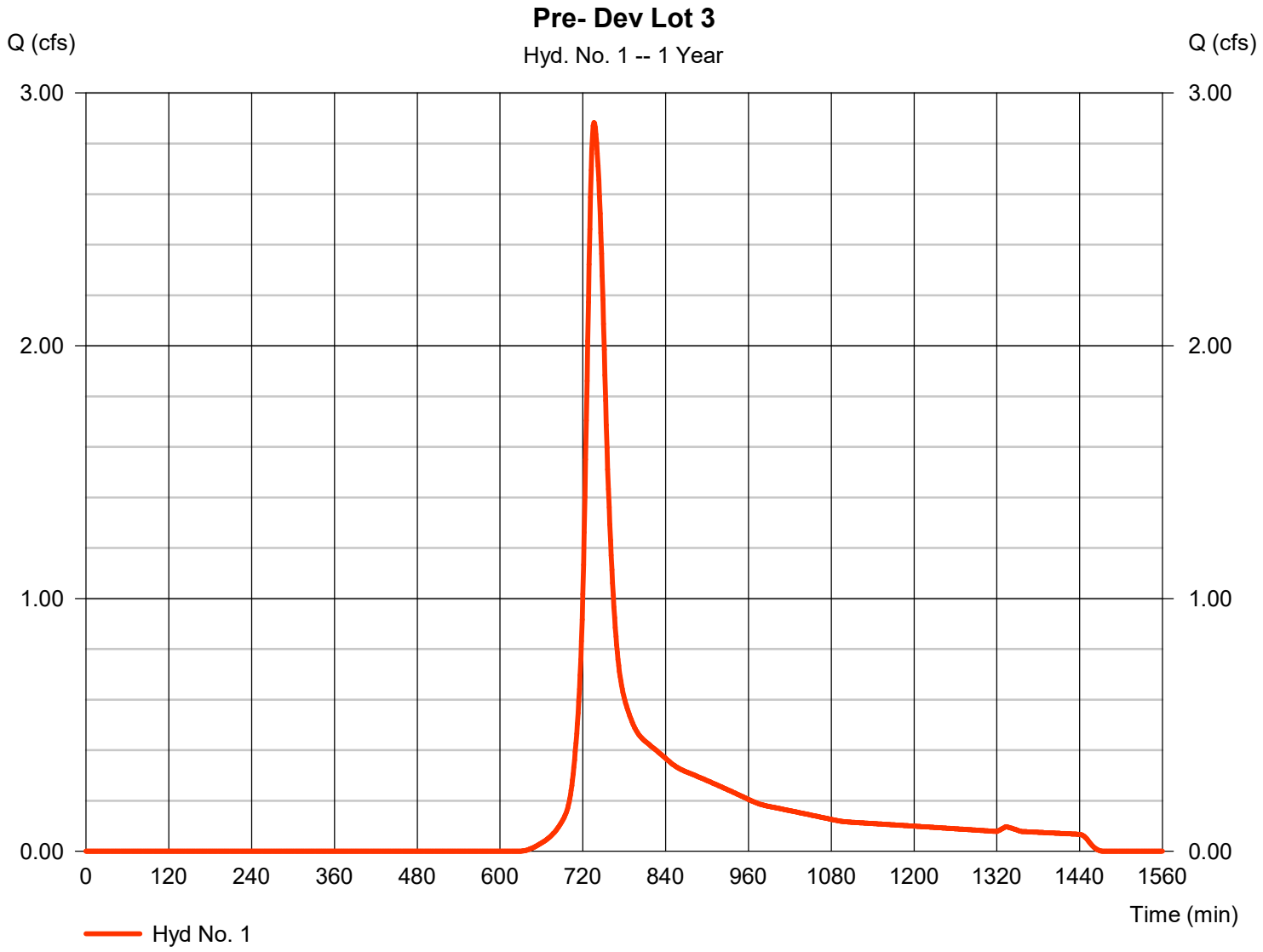
Hydrograph Report

Hyd. No. 1

Pre- Dev Lot 3

Hydrograph type	= SCS Runoff	Peak discharge	= 2.883 cfs
Storm frequency	= 1 yrs	Time to peak	= 736 min
Time interval	= 1 min	Hyd. volume	= 13,831 cuft
Drainage area	= 4.100 ac	Curve number	= 78*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 21.70 min
Total precip.	= 2.70 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(4.100 x 78)] / 4.100



TR55 Tc Worksheet

Hyd. No. 1

Pre- Dev Lot 3

Description	A		B		C		Totals
Sheet Flow							
Manning's n-value	= 0.240		0.011		0.011		
Flow length (ft)	= 100.0		0.0		0.0		
Two-year 24-hr precip. (in)	= 3.50		0.00		0.00		
Land slope (%)	= 1.00		0.00		0.00		
Travel Time (min)	**= 18.00**	**+**	**0.00**	**+**	**0.00**	**=**	**18.00**
Shallow Concentrated Flow							
Flow length (ft)	= 240.00		0.00		0.00		
Watercourse slope (%)	= 1.30		0.00		0.00		
Surface description	= Unpaved		Paved		Paved		
Average velocity (ft/s)	=1.84		0.00		0.00		
Travel Time (min)	**= 2.17**	**+**	**0.00**	**+**	**0.00**	**=**	**2.17**
Channel Flow							
X sectional flow area (sqft)	= 5.00		0.00		0.00		
Wetted perimeter (ft)	= 8.30		0.00		0.00		
Channel slope (%)	= 0.50		0.00		0.00		
Manning's n-value	= 0.040		0.015		0.015		
Velocity (ft/s)	=1.88						
			0.00				
					0.00		
Flow length (ft)	({0})170.0		0.0		0.0		
Travel Time (min)	**= 1.51**	**+**	**0.00**	**+**	**0.00**	**=**	**1.51**

Total Travel Time, Tc ..... 21.70 min

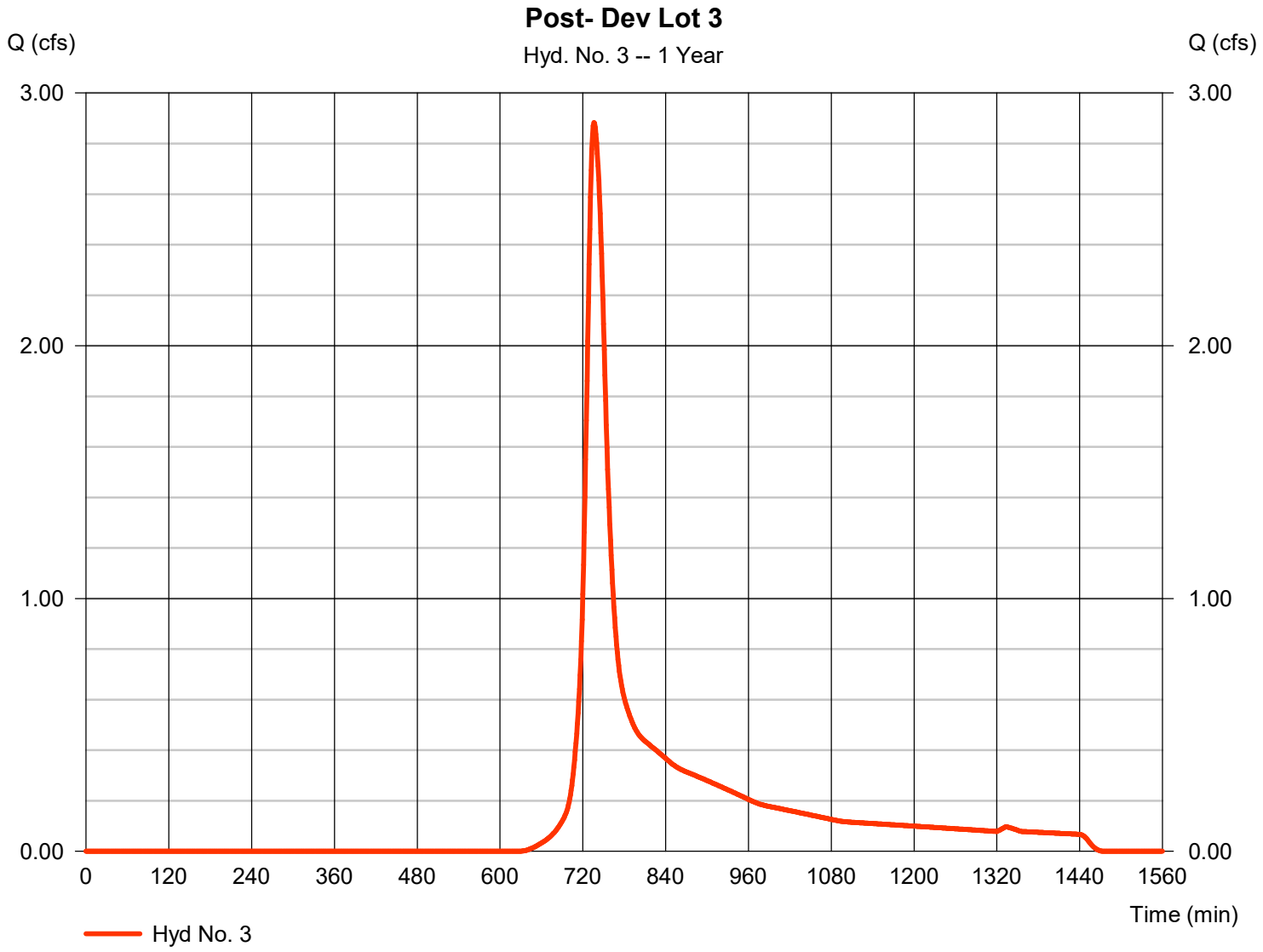
Hydrograph Report

Hyd. No. 3

Post- Dev Lot 3

Hydrograph type	= SCS Runoff	Peak discharge	= 2.883 cfs
Storm frequency	= 1 yrs	Time to peak	= 736 min
Time interval	= 1 min	Hyd. volume	= 13,831 cuft
Drainage area	= 4.100 ac	Curve number	= 78*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 21.70 min
Total precip.	= 2.70 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(4.100 x 78)] / 4.100



TR55 Tc Worksheet

Hyd. No. 3

Post- Dev Lot 3

Description	A		B		C		Totals
Sheet Flow							
Manning's n-value	= 0.240		0.011		0.011		
Flow length (ft)	= 100.0		0.0		0.0		
Two-year 24-hr precip. (in)	= 3.50		0.00		0.00		
Land slope (%)	= 1.00		0.00		0.00		
Travel Time (min)	**= 18.00**	**+**	**0.00**	**+**	**0.00**	**=**	**18.00**
Shallow Concentrated Flow							
Flow length (ft)	= 240.00		0.00		0.00		
Watercourse slope (%)	= 1.30		0.00		0.00		
Surface description	= Unpaved		Paved		Paved		
Average velocity (ft/s)	=1.84		0.00		0.00		
Travel Time (min)	**= 2.17**	**+**	**0.00**	**+**	**0.00**	**=**	**2.17**
Channel Flow							
X sectional flow area (sqft)	= 5.00		0.00		0.00		
Wetted perimeter (ft)	= 8.30		0.00		0.00		
Channel slope (%)	= 0.50		0.00		0.00		
Manning's n-value	= 0.040		0.015		0.015		
Velocity (ft/s)	=1.88						
			0.00				
					0.00		
Flow length (ft)	({0})170.0		0.0		0.0		
Travel Time (min)	**= 1.51**	**+**	**0.00**	**+**	**0.00**	**=**	**1.51**

Total Travel Time, Tc ..... 21.70 min

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261 Greenwich Avenue
Goshen, NY 10924

Pre- and Post-Development Hydrographs
10-Year Return Interval Storm

Appendix C

Hydrograph Summary Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® 2019 by Autodesk, Inc. v2020

Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to Peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph Description
1	SCS Runoff	8.628	1	735	39,474	------	------	------	Pre- Dev Lot 3
3	SCS Runoff	8.628	1	735	39,474	------	------	------	Post- Dev Lot 3

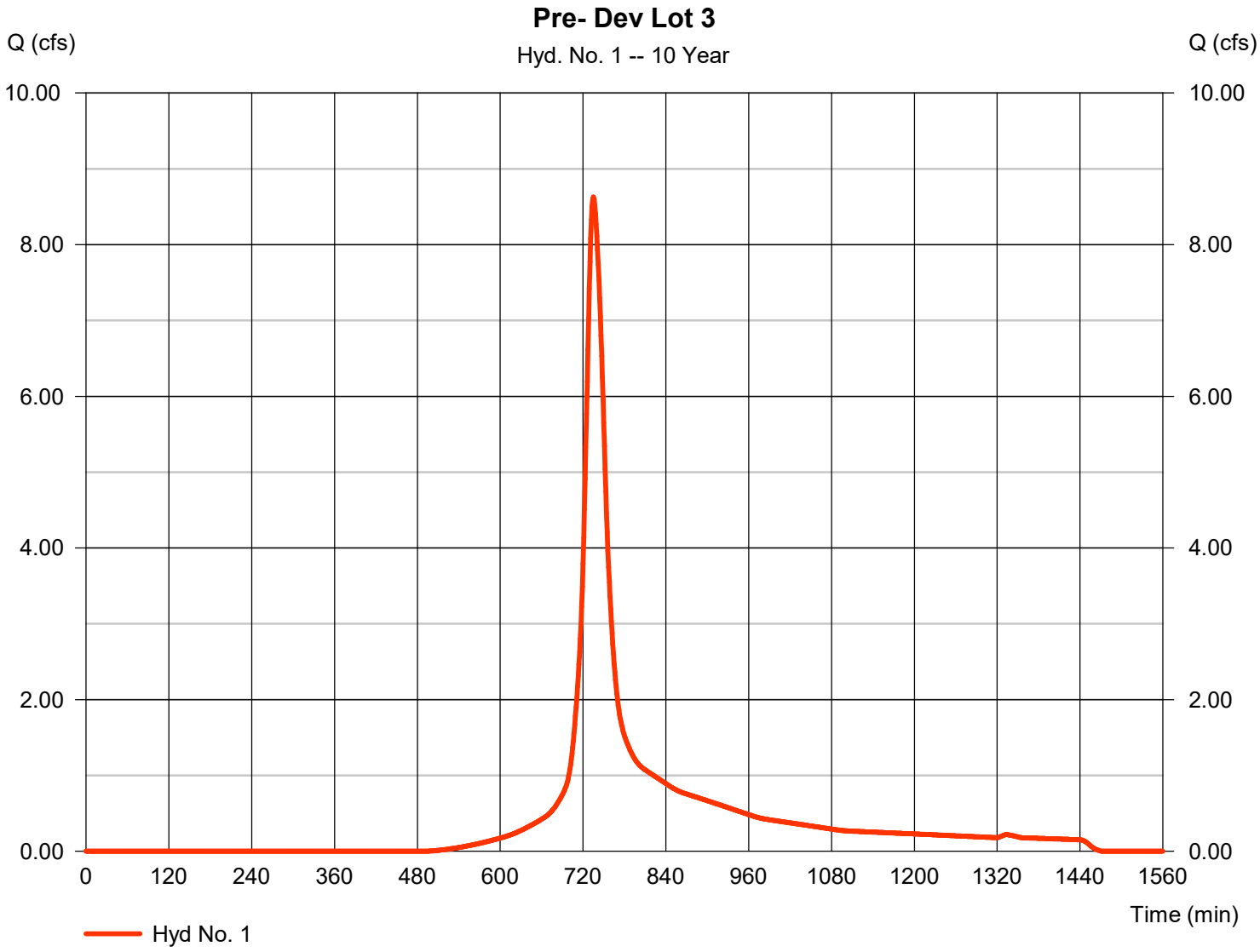
Hydrograph Report

Hyd. No. 1

Pre- Dev Lot 3

Hydrograph type	= SCS Runoff	Peak discharge	= 8.628 cfs
Storm frequency	= 10 yrs	Time to peak	= 735 min
Time interval	= 1 min	Hyd. volume	= 39,474 cuft
Drainage area	= 4.100 ac	Curve number	= 78*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 21.70 min
Total precip.	= 4.90 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(4.100 x 78)] / 4.100



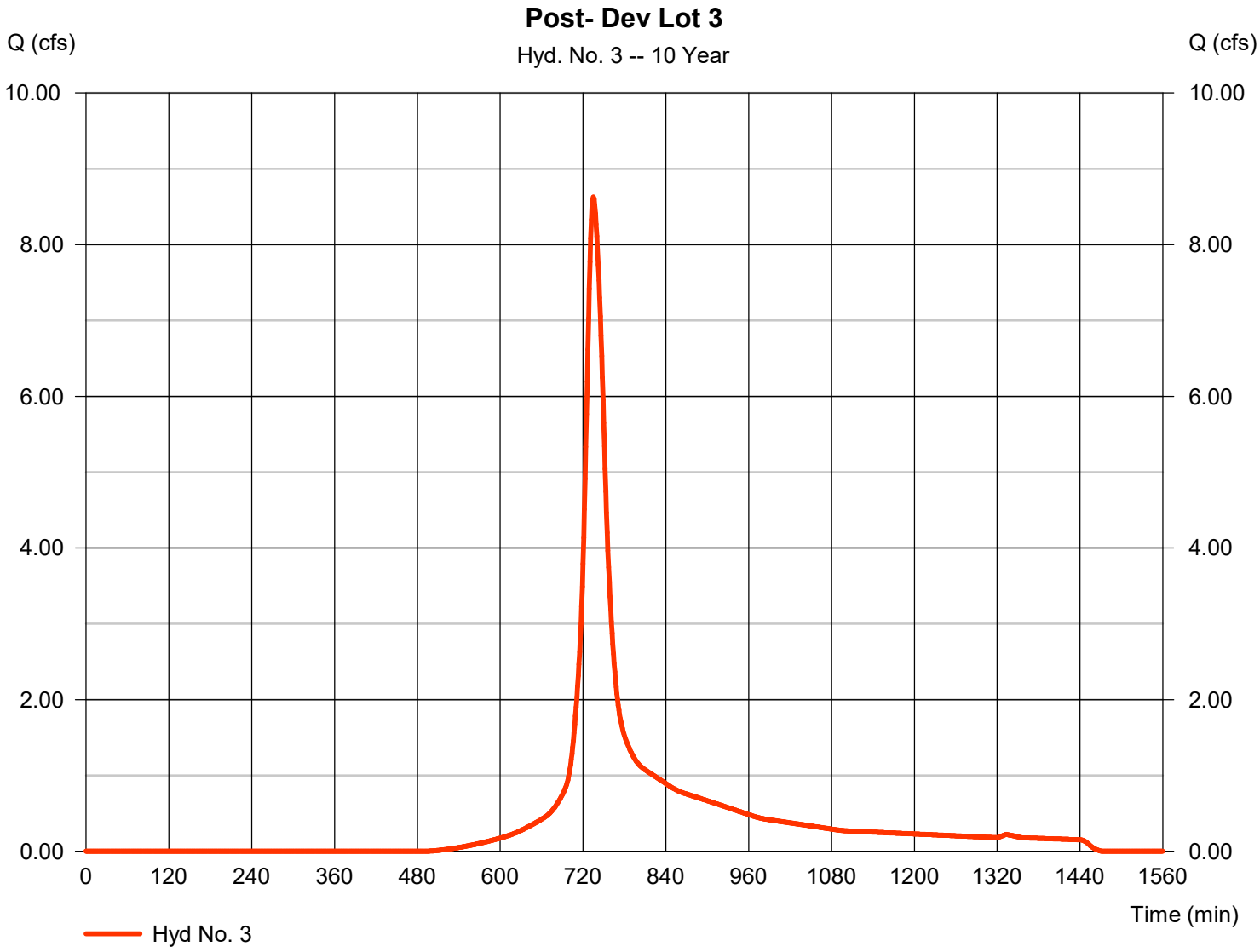
Hydrograph Report

Hyd. No. 3

Post- Dev Lot 3

Hydrograph type	=	SCS Runoff	Peak discharge	=	8.628 cfs
Storm frequency	=	10 yrs	Time to peak	=	735 min
Time interval	=	1 min	Hyd. volume	=	39,474 cuft
Drainage area	=	4.100 ac	Curve number	=	78*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	21.70 min
Total precip.	=	4.90 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(4.100 x 78)] / 4.100



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261 Greenwich Avenue
Goshen, NY 10924

Pre- and Post-Development Hydrographs
100-Year Return Interval Storm

Appendix D

Hydrograph Summary Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® 2019 by Autodesk, Inc. v2020

Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to Peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph Description
1	SCS Runoff	19.92	1	734	92,184	------	------	------	Pre- Dev Lot 3
3	SCS Runoff	19.92	1	734	92,184	------	------	------	Post- Dev Lot 3

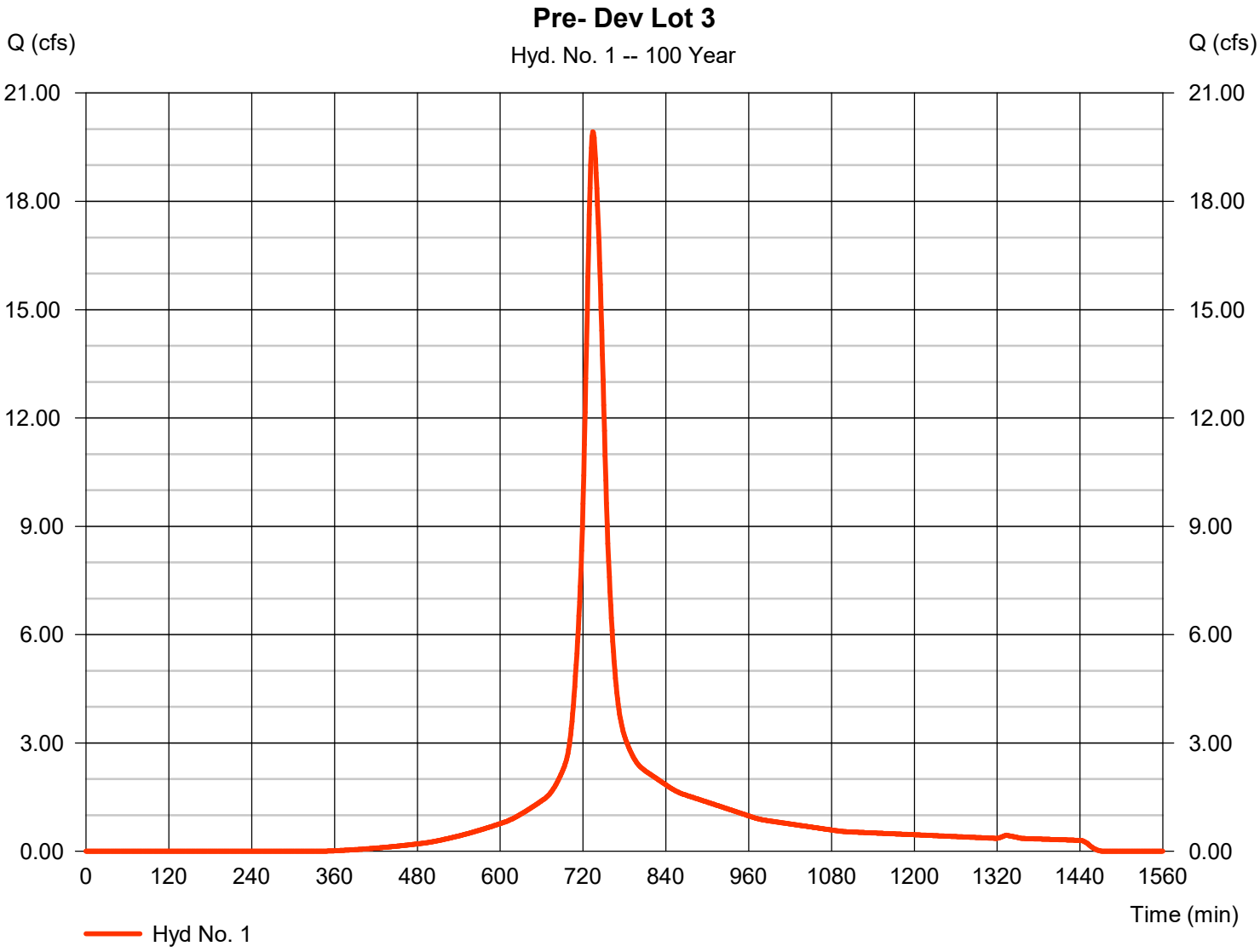
Hydrograph Report

Hyd. No. 1

Pre- Dev Lot 3

Hydrograph type	=	SCS Runoff	Peak discharge	=	19.92 cfs
Storm frequency	=	100 yrs	Time to peak	=	734 min
Time interval	=	1 min	Hyd. volume	=	92,184 cuft
Drainage area	=	4.100 ac	Curve number	=	78*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	21.70 min
Total precip.	=	8.80 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(4.100 x 78)] / 4.100



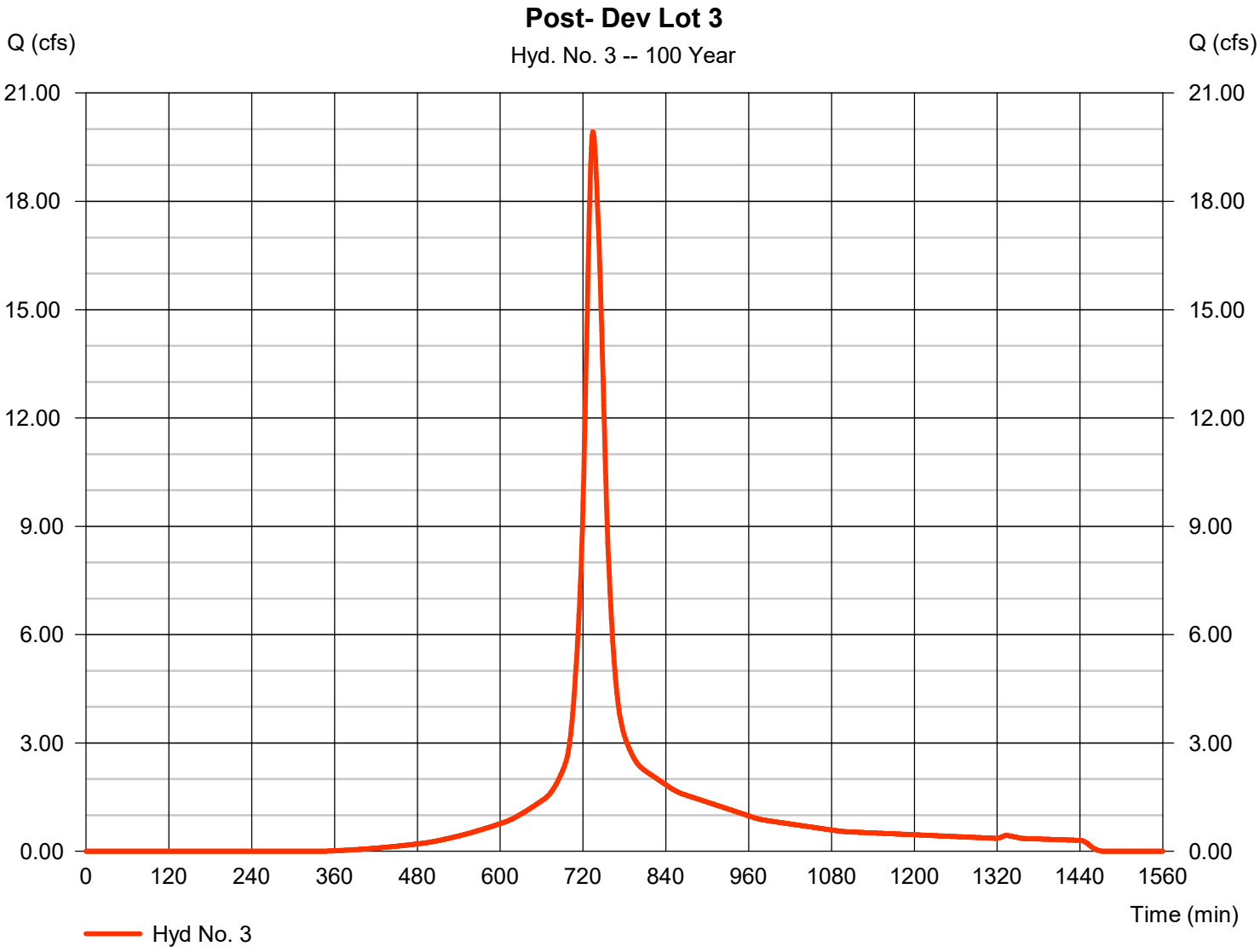
Hydrograph Report

Hyd. No. 3

Post- Dev Lot 3

Hydrograph type	= SCS Runoff	Peak discharge	= 19.92 cfs
Storm frequency	= 100 yrs	Time to peak	= 734 min
Time interval	= 1 min	Hyd. volume	= 92,184 cuft
Drainage area	= 4.100 ac	Curve number	= 78*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 21.70 min
Total precip.	= 8.80 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(4.100 x 78)] / 4.100



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261 Greenwich Avenue
Goshen, NY 10924

SPDES General Permit for Stormwater Discharges GP-0-20-001

Appendix E

NYS Dept. of Environmental Conservation (NYSDEC) SPDES General Permit for Stormwater Discharges from Construction Activity, Permit No. GP-0-20-001, effective January 29, 2020 shall be provided in the on-site Logbook.

MJS ENGINEERING

MJS Engineering & Land Surveying, PC
261 Greenwich Avenue
Goshen, NY 10924

Notice of Intent (NOI)

Appendix F

0644089821

NOTICE OF INTENT

New York State Department of Environmental Conservation
Division of Water
625 Broadway, 4th Floor
Albany, New York 12233-3505

NYR _____
(for DEC use only)

Stormwater Discharges Associated with Construction Activity Under State Pollutant Discharge Elimination System (SPDES) General Permit # GP-0-20-001

All sections must be completed unless otherwise noted. Failure to complete all items may result in this form being returned to you, thereby delaying your coverage under this General Permit. Applicants must read and understand the conditions of the permit and prepare a Stormwater Pollution Prevention Plan prior to submitting this NOI. Applicants are responsible for identifying and obtaining other DEC permits that may be required.

-IMPORTANT-
RETURN THIS FORM TO THE ADDRESS ABOVE

OWNER/OPERATOR MUST SIGN FORM

Owner/Operator Information

Owner/Operator (Company Name/Private Owner Name/Municipality Name)
V Paulius & Associates

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

Owner/Operator Contact Person First Name
Lawrence "Kip"

Owner/Operator Mailing Address
54 West Allendale Ave

City
Allendale

State
NJ

Zip
07401-

Phone (Owner/Operator)
2018251050

Fax (Owner/Operator)
2018256691

Email (Owner/Operator)
kramer@vpa.com

FED TA[illegible]
22-[illegible]5 (not required for individuals)

Project Site Information

Project/Site Name
Temporary Site Plan Concrete Plant

Street Address (NOT P.O. BOX)
Nucifora Blvd

Side of Street
○ **North** ○ **South** ○ **East** ● **West**

City/Town/Village (THAT ISSUES BUILDING PERMIT)
Chester

State NY Zip 10918- County Orange DEC Region 3

Name of Nearest Cross Street
Chester Blvd

Distance to Nearest Cross Street (Feet)
0

Project In Relation to Cross Street
○ **North** ● **South** ○ **East** ○ **West**

Tax Map Numbers
Section-Block-Parcel
117-1-3

Tax Map Numbers

1. Provide the Geographic Coordinates for the project site. To do this, go to the NYSDEC Stormwater Interactive Map on the DEC website at:

https://gisservices.dec.ny.gov/gis/stormwater/

Zoom into your Project Location such that you can accurately click on the centroid of your site. Once you have located the centroid of your project site, go to the bottom right hand corner of the map for the X, Y coordinates. Enter the coordinates into the boxes below. For problems with the interactive map use the help function.

X Coordinates (Easting)
-74.29
Ex. -73.749

Y Coordinates (Northing)
41.33553
Ex. 42.652

2. What is the nature of this construction project?

● **New Construction**

○ **Redevelopment with increase in impervious area**

○ **Redevelopment with no increase in impervious area**

3. Select the predominant land use for both pre and post development conditions.
SELECT ONLY ONE CHOICE FOR EACH

Pre-Development Existing Land Use

- ○ FOREST
- ● PASTURE/OPEN LAND
- ○ CULTIVATED LAND
- ○ SINGLE FAMILY HOME
- ○ SINGLE FAMILY SUBDIVISION
- ○ TOWN HOME RESIDENTIAL
- ○ MULTIFAMILY RESIDENTIAL
- ○ INSTITUTIONAL/SCHOOL
- ○ INDUSTRIAL
- ○ COMMERCIAL
- ○ ROAD/HIGHWAY
- ○ RECREATIONAL/SPORTS FIELD
- ○ BIKE PATH/TRAIL
- ○ LINEAR UTILITY
- ○ PARKING LOT
- ○ OTHER

Post-Development Future Land Use

- ○ SINGLE FAMILY HOME
- ○ SINGLE FAMILY SUBDIVISION — Number of Lots
- ○ TOWN HOME RESIDENTIAL
- ○ MULTIFAMILY RESIDENTIAL
- ○ INSTITUTIONAL/SCHOOL
- ○ INDUSTRIAL
- ○ COMMERCIAL
- ○ MUNICIPAL
- ○ ROAD/HIGHWAY
- ○ RECREATIONAL/SPORTS FIELD
- ○ BIKE PATH/TRAIL
- ○ LINEAR UTILITY (water, sewer, gas, etc.)
- ○ PARKING LOT
- ● CLEARING/GRADING ONLY
- ○ DEMOLITION, NO REDEVELOPMENT
- ○ WELL DRILLING ACTIVITY *(Oil, Gas, etc.)
- ○ OTHER

***Note**: for gas well drilling, non-high volume hydraulic fractured wells only

4. In accordance with the larger common plan of development or sale, enter the total project site area; the total area to be disturbed; existing impervious area to be disturbed (for redevelopment activities); and the future impervious area constructed within the disturbed area. (Round to the nearest tenth of an acre.)

Total Site Area	Total Area To Be Disturbed	Existing Impervious Area To Be Disturbed	Future Impervious Area Within Disturbed Area
4.14.1	1.71.7	0.00.0	0.00.0

5. Do you plan to disturb more than 5 acres of soil at any one time? ○ **Yes** ● **No**

6. Indicate the percentage of each Hydrologic Soil Group(HSG) at the site.

A	B	C	D
%	%	%	100%

7. Is this a phased project? ○ **Yes** ○ **No**

8. Enter the planned start and end dates of the disturbance activities.

Start Date 07/13/2020 - **End Date** 11/19/2021

9. Identify the nearest surface waterbody(ies) to which construction site runoff will discharge.

Name

Black Meadow Creek

9a. Type of waterbody identified in Question 9?

- ○ Wetland / State Jurisdiction On Site (Answer 9b)
- ○ Wetland / State Jurisdiction Off Site
- ○ Wetland / Federal Jurisdiction On Site (Answer 9b)
- ○ Wetland / Federal Jurisdiction Off Site
- ● Stream / Creek On Site
- ○ Stream / Creek Off Site
- ○ River On Site
- ○ River Off Site
- ○ Lake On Site
- ○ Lake Off Site
- ○ Other Type On Site
- ○ Other Type Off Site

9b. How was the wetland identified?

- ○ Regulatory Map
- ○ Delineated by Consultant
- ○ Delineated by Army Corps of Engineers
- ○ Other (identify)

10. Has the surface waterbody(ies) in question 9 been identified as a 303(d) segment in Appendix E of GP-0-20-001? ○ **Yes** ● **No**

11. Is this project located in one of the Watersheds identified in Appendix C of GP-0-20-001? ○ **Yes** ● **No**

12. Is the project located in one of the watershed areas associated with AA and AA-S classified waters? ○ **Yes** ● **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 an E or F on the USDA Soil Survey? ○ **Yes** ● **No**
If Yes, what is the acreage to be disturbed?

14. Will the project disturb soils within a State regulated wetland or the protected 100 foot adjacent area? ○ **Yes** ● **No**

15. Does the site runoff enter a separate storm sewer system (including roadside drains, swales, ditches, culverts, etc)? ○ Yes ● No ○ Unknown

16. What is the name of the municipality/entity that owns the separate storm sewer system?

17. Does any runoff from the site enter a sewer classified as a Combined Sewer? ○ Yes ● No ○ Unknown

18. Will future use of this site be an agricultural property as defined by the NYS Agriculture and Markets Law? ○ Yes ● No

19. Is this property owned by a state authority, state agency, federal government or local government? ○ Yes ● No

20. Is this a remediation project being done under a Department approved work plan? (i.e. CERCLA, RCRA, Voluntary Cleanup Agreement, etc.) ○ Yes ● No

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 ○ No

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)? ○ Yes ● No
If No, skip questions 23 and 27-39.

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 ○ No

24. The Stormwater Pollution Prevention Plan (SWPPP) was prepared by:

- ● **Professional Engineer (P.E.)**
- ○ **Soil and Water Conservation District (SWCD)**
- ○ **Registered Landscape Architect (R.L.A)**
- ○ **Certified Professional in Erosion and Sediment Control (CPESC)**
- ○ **Owner/Operator**
- ○ **Other**

SWPPP Preparer

MJS Engineering & Land Surveying PC

Contact Name (Last, Space, First)

Cleverley Bradley G

Mailing Address

261 Greenwich Ave

City

Goshen

State Zip

NY 10924 -

Phone

845 - 641 - 3610

Fax

845 - 641 - 8657

Email

bcleverley@mjseng.com

SWPPP Preparer Certification

I hereby certify that the Stormwater Pollution Prevention Plan (SWPPP) for this project has been prepared in accordance with the terms and conditions of the GP-0-20-001. Furthermore, I understand that certifying false, incorrect or inaccurate information is a violation of this permit and the laws of the State of New York and could subject me to criminal, civil and/or administrative proceedings.

First Name

Bradley

MI

G

Last Name

Cleverley

Signature

Bradley Cleverley

Date

6/3/2020

25. Has a construction sequence schedule for the planned management practices been prepared? ● Yes ○ No

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

Temporary Structural

- ○ Check Dams
- ○ Construction Road Stabilization
- ○ Dust Control
- ○ Earth Dike
- ○ Level Spreader
- ○ Perimeter Dike/Swale
- ○ Pipe Slope Drain
- ○ Portable Sediment Tank
- ○ Rock Dam
- ○ Sediment Basin
- ○ Sediment Traps
- ● Silt Fence
- ○ Stabilized Construction Entrance
- ○ Storm Drain Inlet Protection
- ● Straw/Hay Bale Dike
- ○ Temporary Access Waterway Crossing
- ○ Temporary Stormdrain Diversion
- ○ Temporary Swale
- ○ Turbidity Curtain
- ○ Water bars

Biotechnical

- ○ Brush Matting
- ○ Wattling

Vegetative Measures

- ○ Brush Matting
- ○ Dune Stabilization
- ○ Grassed Waterway
- ○ Mulching
- ○ Protecting Vegetation
- ○ Recreation Area Improvement
- ○ Seeding
- ○ Sodding
- ○ Straw/Hay Bale Dike
- ○ Streambank Protection
- ○ Temporary Swale
- ○ Topsoiling
- ○ Vegetating Waterways

Permanent Structural

- ○ Debris Basin
- ○ Diversion
- ○ Grade Stabilization Structure
- ○ Land Grading
- ○ Lined Waterway (Rock)
- ○ Paved Channel (Concrete)
- ○ Paved Flume
- ○ Retaining Wall
- ○ Riprap Slope Protection
- ○ Rock Outlet Protection
- ○ Streambank Protection

Other

Post-construction Stormwater Management Practice (SMP) Requirements

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.

- ○ **Preservation of Undisturbed Areas**
- ○ **Preservation of Buffers**
- ○ **Reduction of Clearing and Grading**
- ○ **Locating Development in Less Sensitive Areas**
- ○ **Roadway Reduction**
- ○ **Sidewalk Reduction**
- ○ **Driveway Reduction**
- ○ **Cul-de-sac Reduction**
- ○ **Building Footprint Reduction**
- ○ **Parking Reduction**

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).

- ○ All disturbed areas will be restored in accordance with the Soil Restoration requirements in Table 5.3 of the Design Manual (see page 5-22).

- ○ Compacted areas were considered as impervious cover when calculating the **WQv Required**, and the compacted areas were assigned a post-construction Hydrologic Soil Group (HSG) designation that is one level less permeable than existing conditions for the hydrology analysis.

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

Total WQv Required

			.			
			.			**acre-feet**

29. Identify the RR techniques (Area Reduction), RR techniques(Volume Reduction) and Standard SMPs with RRv Capacity in Table 1 (See Page 9) that were used to reduce the Total WQv Required(#28).

Also, provide in Table 1 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 Tables 1 and 2 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.

Table 1 - Runoff Reduction (RR) Techniques and Standard Stormwater Management Practices (SMPs)

	Total Contributing Area (acres)		Total Contributing Impervious Area(acres)
RR Techniques (Area Reduction)			
○ Conservation of Natural Areas (RR-1)	___.___	and/or	___.___
○ Sheetflow to Riparian Buffers/Filters Strips (RR-2)	___.___	and/or	___.___
○ Tree Planting/Tree Pit (RR-3)	___.___	and/or	___.___
○ Disconnection of Rooftop Runoff (RR-4)	___.___	and/or	___.___
RR Techniques (Volume Reduction)			
○ Vegetated Swale (RR-5)			___.___
○ Rain Garden (RR-6)			___.___
○ Stormwater Planter (RR-7)			___.___
○ Rain Barrel/Cistern (RR-8)			___.___
○ Porous Pavement (RR-9)			___.___
○ Green Roof (RR-10)			___.___
Standard SMPs with RRv Capacity			
○ Infiltration Trench (I-1)			___.___
○ Infiltration Basin (I-2)			___.___
○ Dry Well (I-3)			___.___
○ Underground Infiltration System (I-4)			___.___
○ Bioretention (F-5)			___.___
○ Dry Swale (O-1)			___.___
Standard SMPs			
○ Micropool Extended Detention (P-1)			___.___
○ Wet Pond (P-2)			___.___
○ Wet Extended Detention (P-3)			___.___
○ Multiple Pond System (P-4)			___.___
○ Pocket Pond (P-5)			___.___
○ Surface Sand Filter (F-1)			___.___
○ Underground Sand Filter (F-2)			___.___
○ Perimeter Sand Filter (F-3)			___.___
○ Organic Filter (F-4)			___.___
○ Shallow Wetland (W-1)			___.___
○ Extended Detention Wetland (W-2)			___.___
○ Pond/Wetland System (W-3)			___.___
○ Pocket Wetland (W-4)			___.___
○ Wet Swale (O-2)			___.___

Table 2 - Alternative SMPs (DO NOT INCLUDE PRACTICES BEING USED FOR PRETREATMENT ONLY)

Alternative SMP	Total Contributing Impervious Area(acres)
○ **Hydrodynamic**	
○ **Wet Vault**	
○ **Media Filter**	
○ **Other**	

Provide the name and manufacturer of the Alternative SMPs (i.e. proprietary practice(s)) being used for WQv treatment.

Name

Manufacturer

Note: Redevelopment projects which do not use RR techniques, shall use questions 28, 29, 33 and 33a to provide SMPs used, total WQv required and total WQv provided for the project.

30. Indicate the Total RRv provided by the RR techniques (Area/Volume Reduction) and Standard SMPs with RRv capacity identified in question 29.

Total RRv provided

. **acre-feet**

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

○ **Yes** ○ **No**

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)]

Minimum RRv Required

. **acre-feet**

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

○ **Yes** ○ **No**

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, so NOI can not be processed. SWPPP preparer must modify design to meet sizing criteria.

33. Identify the Standard SMPs in Table 1 and, if applicable, the Alternative SMPs in Table 2 that were used to treat the remaining total WQv(=Total WQv Required in 28 - Total RRv Provided in 30).

Also, provide in Table 1 and 2 the total impervious area that contributes runoff to each practice selected.

Note: Use Tables 1 and 2 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.

WQv Provided

[ ][ ][ ].[ ][ ][ ] **acre-feet**

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 - RRv provided by the practice. (See Table 3.5 in Design Manual)

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

35. Is the sum of the RRv provided (#30) and the WQv provided (#33a) greater than or equal to the total WQv required (#28)? ○ **Yes** ○ **No**

If Yes, go to question 36.
If No, sizing criteria has not been met, so 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**

CPv Provided

[ ][ ][ ].[ ][ ][ ] **acre-feet**

36a. The need to provide channel protection has been waived because:

○ Site discharges directly to tidal waters or a fifth order or larger stream.

○ Reduction of the total CPv is achieved on site through runoff reduction techniques or infiltration systems.

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

Total Overbank Flood Control Criteria (Qp)

Pre-Development

[ ][ ][ ].[ ][ ][ ] **CFS**

Post-development

[ ][ ][ ].[ ][ ][ ] **CFS**

Total Extreme Flood Control Criteria (Qf)

Pre-Development

[ ][ ][ ].[ ][ ][ ] **CFS**

Post-development

[ ][ ][ ].[ ][ ][ ] **CFS**

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

- ○ Site discharges directly to tidal waters or a fifth order or larger stream.
- ○ Downstream analysis reveals that the Qp and Qf controls are not required

38. Has a long term Operation and Maintenance Plan for the post-construction stormwater management practice(s) been developed? ○ **Yes** ○ **No**

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

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.

40. Identify other DEC permits, existing and new, that are required for this project/facility.

- ○ Air Pollution Control
- ○ Coastal Erosion
- ○ Hazardous Waste
- ○ Long Island Wells
- ○ Mined Land Reclamation
- ○ Solid Waste
- ○ Navigable Waters Protection / Article 15
- ○ Water Quality Certificate
- ○ Dam Safety
- ○ Water Supply
- ○ Freshwater Wetlands/Article 24
- ○ Tidal Wetlands
- ○ Wild, Scenic and Recreational Rivers
- ○ Stream Bed or Bank Protection / Article 15
- ○ Endangered or Threatened Species(Incidental Take Permit)
- ● Individual SPDES
- ○ SPDES Multi-Sector GP [N Y R]
- ○ Other [ ]
- ○ None

41. Does this project require a US Army Corps of Engineers Wetland Permit? ○ **Yes** ● **No**
If Yes, Indicate Size of Impact. [ ].[ ]

42. Is this project subject to the requirements of a regulated, traditional land use control MS4? ○ **Yes** ● **No**
(If No, skip question 43)

43. Has the "MS4 SWPPP Acceptance" form been signed by the principal executive officer or ranking elected official and submitted along with this NOI? ○ **Yes** ○ **No**

44. 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. [N Y R]

2.5 MB

2 MB

3547089826

Owner/Operator Certification

I have read or been advised of the permit conditions and believe that I understand them. I also understand that, under the terms of the permit, there may be reporting requirements. I hereby certify that this document and the corresponding documents were prepared under my direction or supervision. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. I further understand that coverage under the general permit will be identified in the acknowledgment that I will receive as a result of submitting this NOI and can be as long as sixty (60) business days as provided for in the general permit. I also understand that, by submitting this NOI, I am acknowledging that the SWPPP has been developed and will be implemented as the first element of construction, and agreeing to comply with all the terms and conditions of the general permit for which this NOI is being submitted.

Print First Name

Lawrence "Kip"

MI

Print Last Name

Kramer

Owner/Operator Signature

Date

06/02/2020

MJS ENGINEERING

MJS Engineering & Land Surveying, PC
261 Greenwich Avenue
Goshen, NY 10924

SWPPP Certification Forms

Appendix G

Stormwater Pollution Prevention Plan
SPDES General Permit for Construction Activity, GP-0-20-001

CONTRACTOR CERTIFICATION STATEMENT

Temporary Site Plan – Concrete Plant STERIS Isomedix
Village of Chester, Orange County, New York

The Contractor and Subcontractor(s) responsible for the implementation and adherence to the Stormwater Pollution Prevention Plan (SWPPP) shall sign a copy of the following certification statement prior to commencing any construction activity:

Certification Statement:

"I hereby certify under penalty of law that I understand and agree to comply with the terms and conditions of the SWPPP and agree to implement any corrective actions identified by the *qualified inspector* during a site inspection. I also understand that the *owner or operator* must comply with the terms and conditions of the New York State Pollutant Discharge Elimination System ("SPDES") general permit for stormwater *discharges* from *construction activities* and that it is unlawful for any person to cause or contribute to a violation of *water quality standards*. Furthermore, I am aware that there are significant penalties for submitting false information, that I do not believe to be true, including the possibility of fine and imprisonment for knowing violations."

Contractor:

Signature: _____ Date: _____
Name (Print): _____
Title: _____

Contracting Firm Name: _____
Address: _____
_____
Telephone: ( ) _____

Trained Individual(s):
Name: _____
Title: _____

Name: _____
Title: _____

SWPPP Responsibilities:

_____
_____

Subcontractor:

Signature: _____ Date: _____
Name (Print): _____
Title: _____

Subcontracting Firm Name: _____
Address: _____

_____

Telephone: ( ) _____

Trained Individual(s):
Name: _____
Title: _____

Name: _____
Title: _____

SWPPP Responsibilities:

_____

_____

Subcontractor:

Signature: _____ Date: _____
Name (Print): _____
Title: _____

Subcontracting Firm Name: _____
Address: _____

_____

Telephone: ( ) _____

Trained Individual(s):
Name: _____
Title: _____

Name: _____
Title: _____

SWPPP Responsibilities:

_____

_____

**For additional contractors/subcontractors print additional copies of this form.

MJS ENGINEERING

MJS Engineering & Land Surveying, PC
261 Greenwich Avenue
Goshen, NY 10924

Notice of Termination (NOT)

Appendix H

New York State Department of Environmental Conservation
Division of Water
625 Broadway, 4th Floor
Albany, New York 12233-3505
(NOTE: Submit completed form to address above)

NOTICE OF TERMINATION for Storm Water Discharges Authorized under the SPDES General Permit for Construction Activity

Please indicate your permit identification number: NYR ___ ___ ___ ___ ___ ___

I. Owner or Operator Information

1. Owner/Operator Name: V Paulius & Associates

2. Street Address: 54 West Allendale Ave

3. City/State/Zip: Allendale NJ 07401

4. Contact Person: Lawrence "Kip" Kramer | 4a. Telephone: (201) 825-1050

4b. Contact Person E-Mail: kramer@vpa.com

II. Project Site Information

5. Project/Site Name: Temporary Site Plan Concrete Plant STERIS Isomedix

6. Street Address: Nucifora Blvd

7. City/Zip: Chester NY 10918

8. County: Orange

III. Reason for Termination

9a. ■ All disturbed areas have achieved final stabilization in accordance with the general permit and SWPPP. ***Date final stabilization completed** (month/year): 2021

9b. □ Permit coverage has been transferred to new owner/operator. Indicate new owner/operator's permit identification number: NYR ___ ___ ___ ___ ___ ___
(Note: Permit coverage can not be terminated by owner identified in I.1. above until new owner/operator obtains coverage under the general permit)

9c. □ Other (Explain on Page 2)

IV. Final Site Information:

10a. Did this construction activity require the development of a SWPPP that includes post-construction stormwater management practices? □ yes ■ no (If no, go to question 10f.)

10b. Have all post-construction stormwater management practices included in the final SWPPP been constructed? □ yes □ no (If no, explain on Page 2)

10c. Identify the entity responsible for long-term operation and maintenance of practice(s)?

NOTICE OF TERMINATION for Storm Water Discharges Authorized under the SPDES General Permit for Construction Activity - continued

10d. Has the entity responsible for long-term operation and maintenance been given a copy of the operation and maintenance plan required by the general permit? ■ yes □ no

10e. Indicate the method used to ensure long-term operation and maintenance of the post-construction stormwater management practice(s):

□ Post-construction stormwater management practice(s) and any right-of-way(s) needed to maintain practice(s) have been deeded to the municipality.

□ Executed maintenance agreement is in place with the municipality that will maintain the post-construction stormwater management practice(s).

□ For post-construction stormwater management practices that are privately owned, a mechanism is in place that requires operation and maintenance of the practice(s) in accordance with the operation and maintenance plan, such as a deed covenant in the owner or operator's deed of record.

□ For post-construction stormwater management practices that are owned by a public or private institution (e.g. school, university or hospital), government agency or authority, or public utility; policy and procedures are in place that ensures operation and maintenance of the practice(s) in accordance with the operation and maintenance plan.

10f. Provide the total area of impervious surface (i.e. roof, pavement, concrete, gravel, etc.) constructed within the disturbance area? 1.7 (acres)

11. Is this project subject to the requirements of a regulated, traditional land use control MS4? □ yes ■ no

(If Yes, complete section VI - "MS4 Acceptance" statement

V. Additional Information/Explanation:

(Use this section to answer questions 9c. and 10b., if applicable)

VI. MS4 Acceptance - MS4 Official (principal executive officer or ranking elected official) or Duly Authorized Representative (Note: Not required when 9b. is checked -transfer of coverage)

I have determined that it is acceptable for the owner or operator of the construction project identified in question 5 to submit the Notice of Termination at this time.

Printed Name:

Title/Position:

Signature:	Date:

NOTICE OF TERMINATION for Storm Water Discharges Authorized under the SPDES General Permit for Construction Activity - continued

VII. Qualified Inspector Certification - Final Stabilization:

I hereby certify that all disturbed areas have achieved final stabilization as defined in the current version of the general permit, and that all temporary, structural erosion and sediment control measures have been removed. Furthermore, I understand that certifying false, incorrect or inaccurate information is a violation of the referenced permit and the laws of the State of New York and could subject me to criminal, civil and/or administrative proceedings.

Printed Name: Bradley G Cleverley PE	
Title/Position: Project Manager	
Signature:	Date:

VIII. Qualified Inspector Certification - Post-construction Stormwater Management Practice(s):

I hereby certify that all post-construction stormwater management practices have been constructed in conformance with the SWPPP. Furthermore, I understand that certifying false, incorrect or inaccurate information is a violation of the referenced permit and the laws of the State of New York and could subject me to criminal, civil and/or administrative proceedings.

Printed Name: Bradley G Cleverley PE	
Title/Position: Project Manager	
Signature:	Date:

IX. Owner or Operator Certification

I hereby certify that this document was prepared by me or under my direction or supervision. My determination, based upon my inquiry of the person(s) who managed the construction activity, or those persons directly responsible for gathering the information, is that the information provided in this document is true, accurate and complete. Furthermore, I understand that certifying false, incorrect or inaccurate information is a violation of the referenced permit and the laws of the State of New York and could subject me to criminal, civil and/or administrative proceedings.

Printed Name:	
Title/Position:	
Signature:	Date:

(NYS DEC Notice of Termination - January 2015)