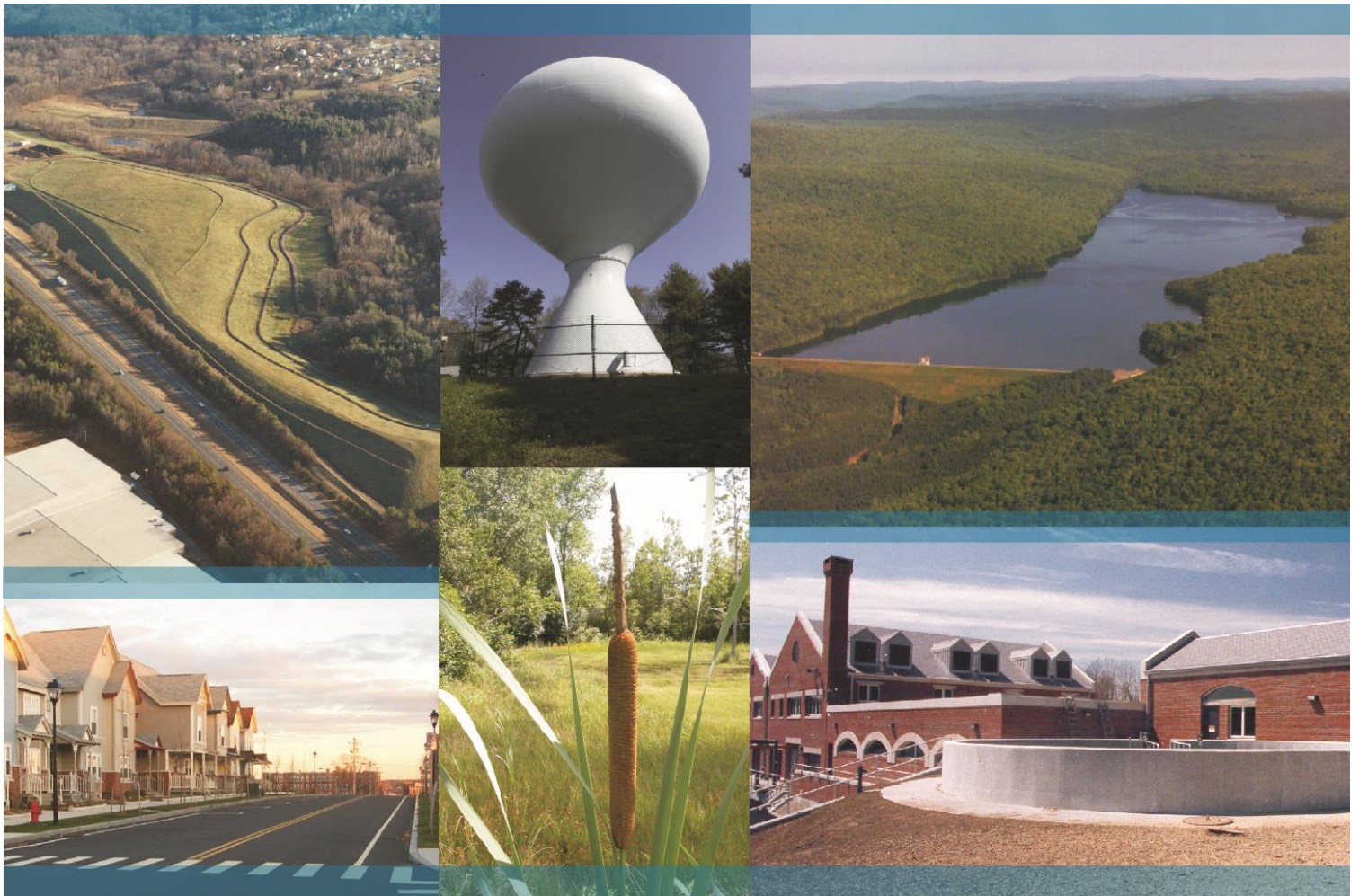




Tighe&Bond

64 Danbury Road
Wilton, CT 06897

Supplemental Report Hydrographs

Prepared For:

Town of Wilton

April 18, 2023

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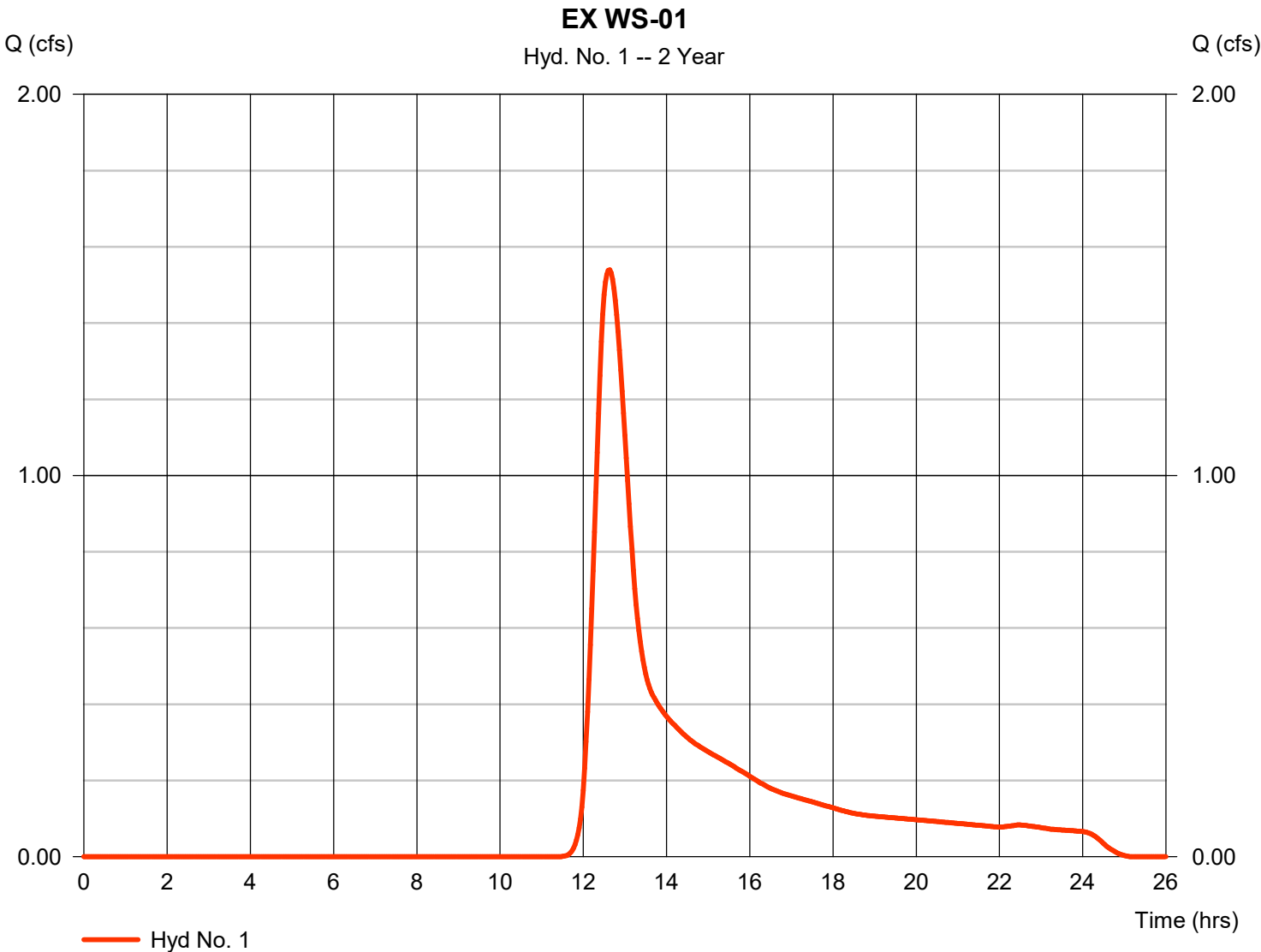
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Hydrograph Report

Hyd. No. 1

EX WS-01

Hydrograph type	= SCS Runoff	Peak discharge	= 1.539 cfs
Storm frequency	= 2 yrs	Time to peak	= 12.63 hrs
Time interval	= 2 min	Hyd. volume	= 11,394 cuft
Drainage area	= 3.677 ac	Curve number	= 67
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 45.70 min
Total precip.	= 3.52 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

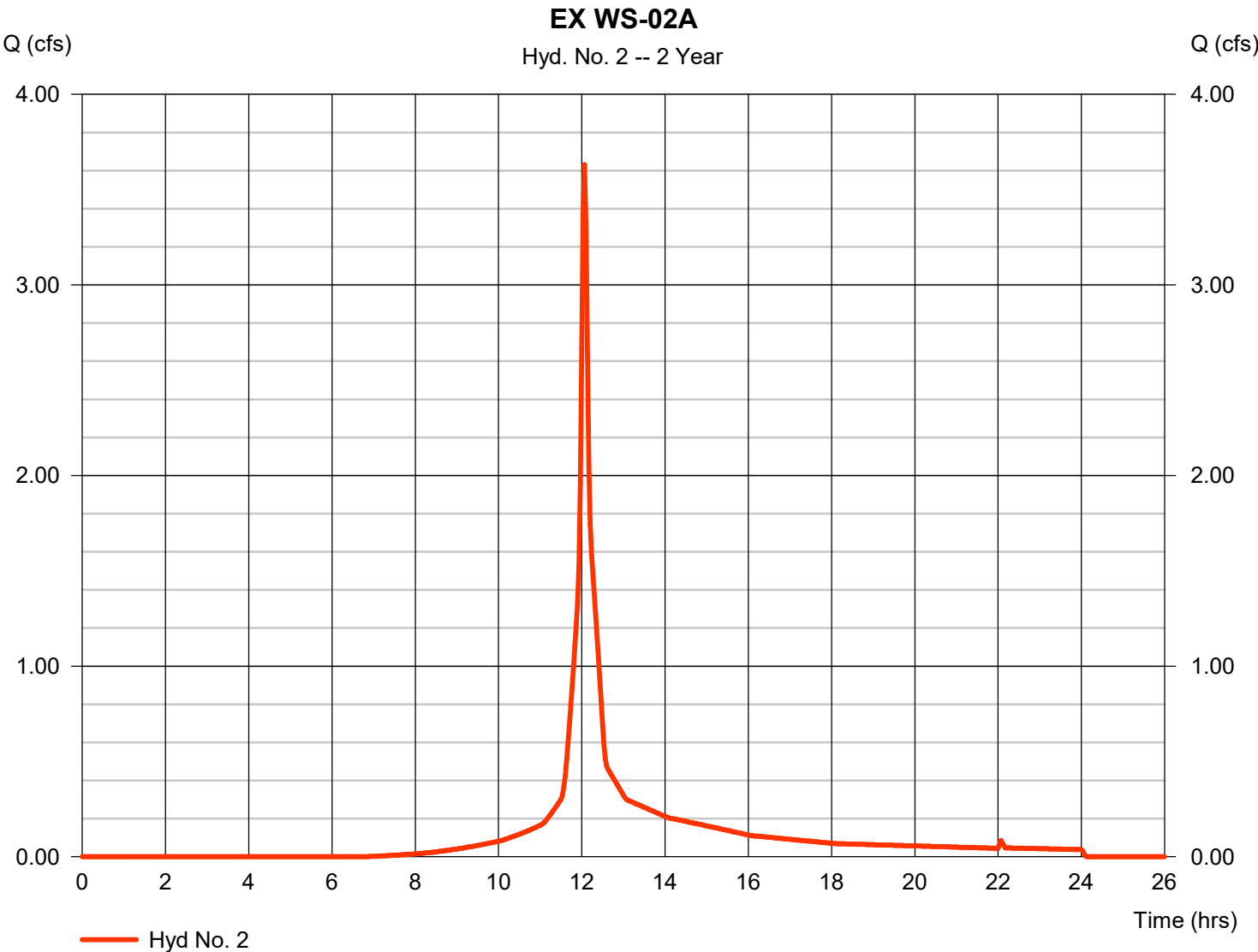


Hydrograph Report

Hyd. No. 2

EX WS-02A

Hydrograph type	= SCS Runoff	Peak discharge	= 3.631 cfs
Storm frequency	= 2 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 10,910 cuft
Drainage area	= 1.457 ac	Curve number	= 87
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 3.52 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

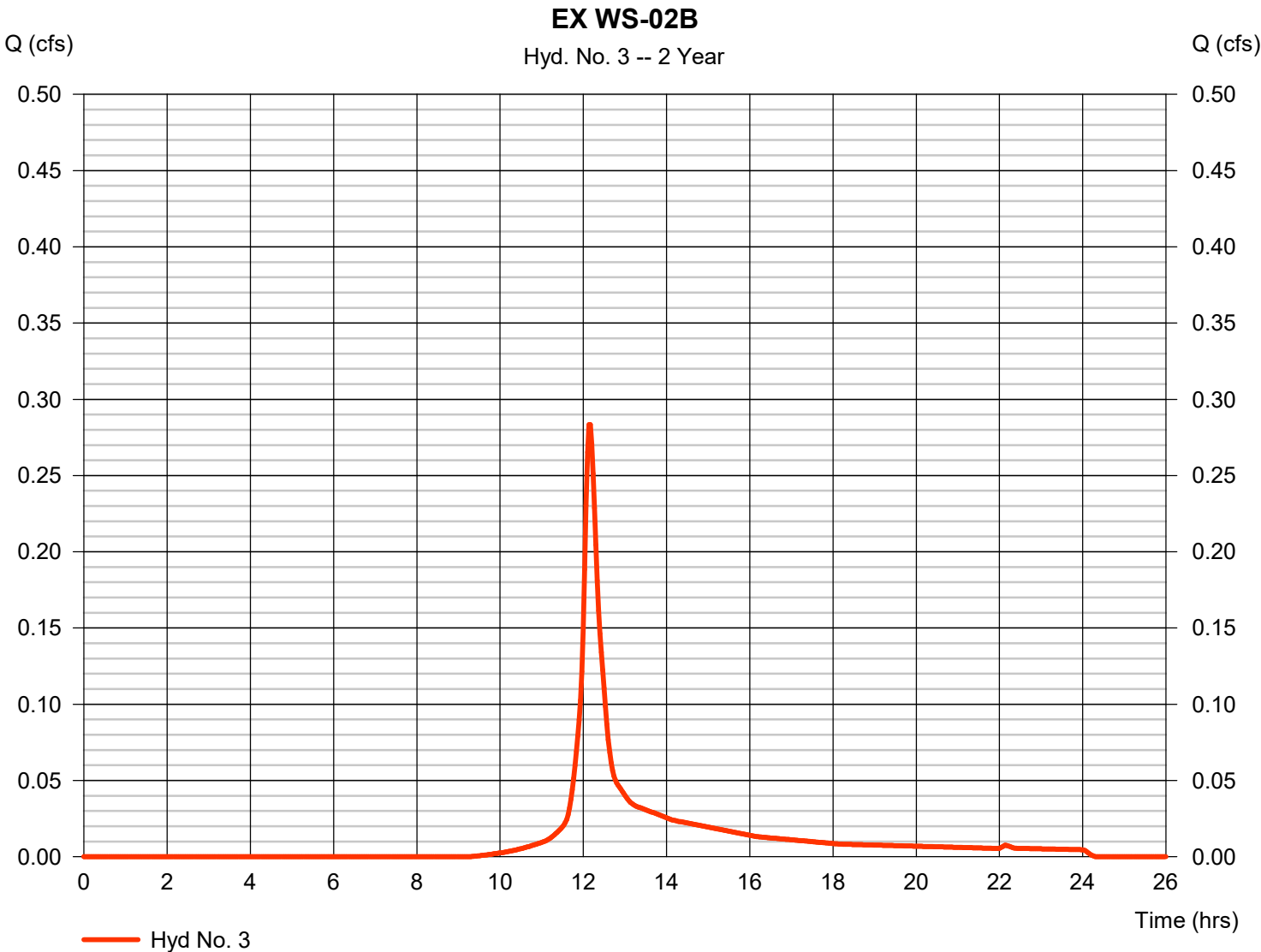


Hydrograph Report

Hyd. No. 3

EX WS-02B

Hydrograph type	= SCS Runoff	Peak discharge	= 0.283 cfs
Storm frequency	= 2 yrs	Time to peak	= 12.17 hrs
Time interval	= 2 min	Hyd. volume	= 1,101 cuft
Drainage area	= 0.186 ac	Curve number	= 79
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 11.00 min
Total precip.	= 3.52 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

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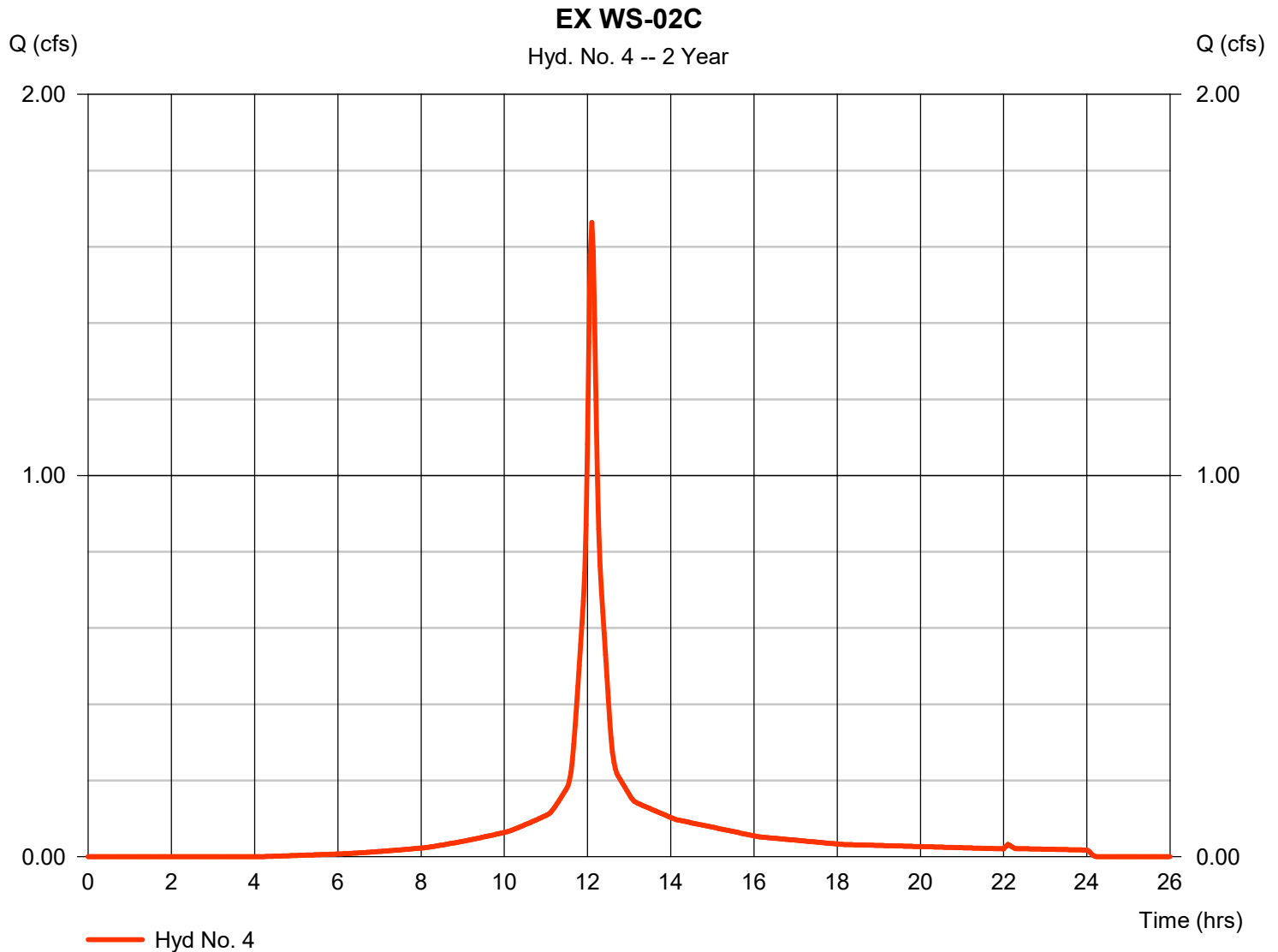
Thursday, 04 / 4 / 2024

Hyd. No. 4

EX WS-02C

Hydrograph type = SCS Runoff
 Storm frequency = 2 yrs
 Time interval = 2 min
 Drainage area = 0.590 ac
 Basin Slope = 0.0 %
 Tc method = User
 Total precip. = 3.52 in
 Storm duration = 24 hrs

Peak discharge = 1.664 cfs
 Time to peak = 12.10 hrs
 Hyd. volume = 5,899 cuft
 Curve number = 93
 Hydraulic length = 0 ft
 Time of conc. (Tc) = 9.40 min
 Distribution = Type III
 Shape factor = 484

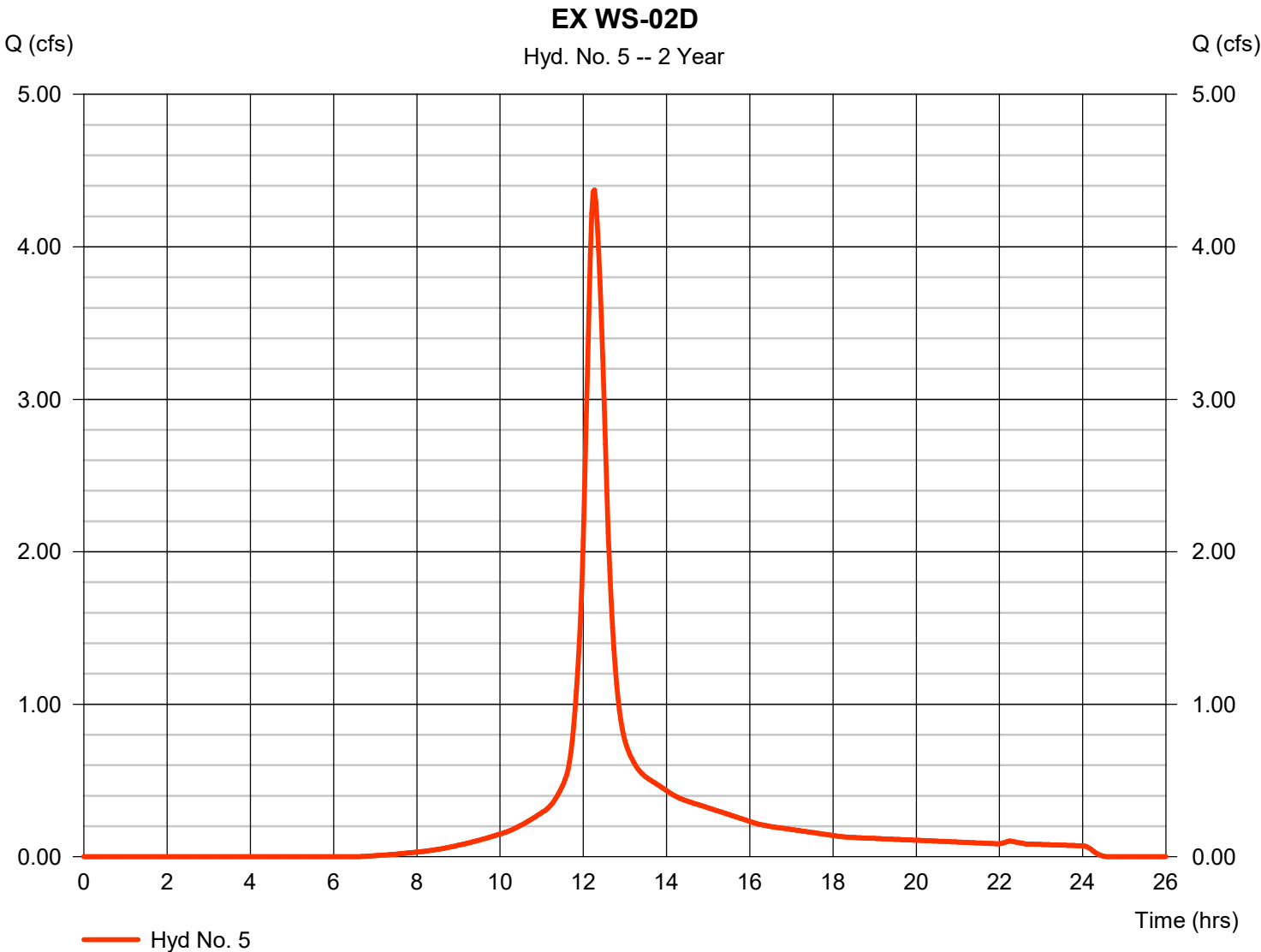


Hydrograph Report

Hyd. No. 5

EX WS-02D

Hydrograph type	= SCS Runoff	Peak discharge	= 4.374 cfs
Storm frequency	= 2 yrs	Time to peak	= 12.27 hrs
Time interval	= 2 min	Hyd. volume	= 20,803 cuft
Drainage area	= 2.462 ac	Curve number	= 88
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 22.10 min
Total precip.	= 3.52 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

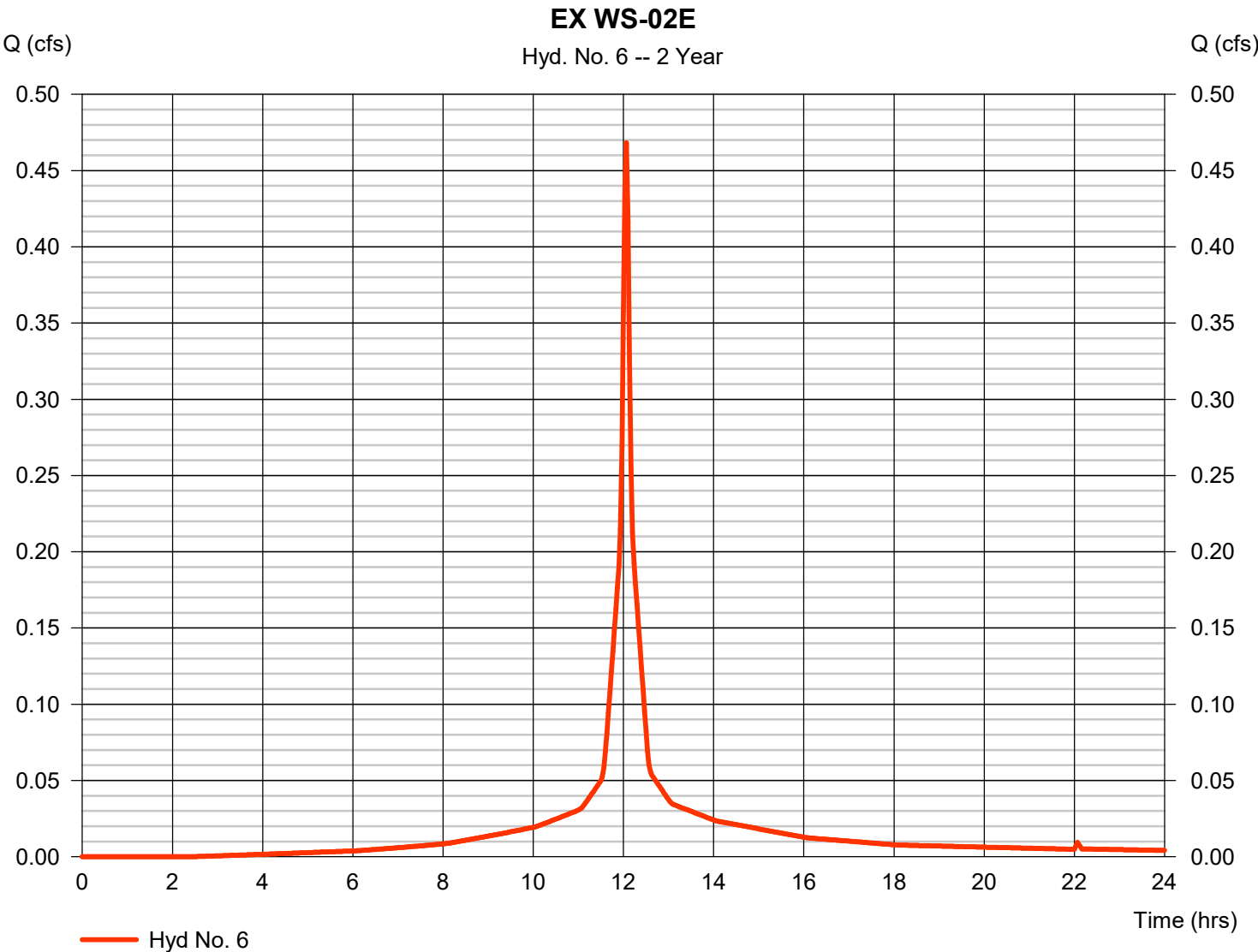


Hydrograph Report

Hyd. No. 6

EX WS-02E

Hydrograph type	= SCS Runoff	Peak discharge	= 0.468 cfs
Storm frequency	= 2 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 1,523 cuft
Drainage area	= 0.146 ac	Curve number	= 96
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 3.52 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

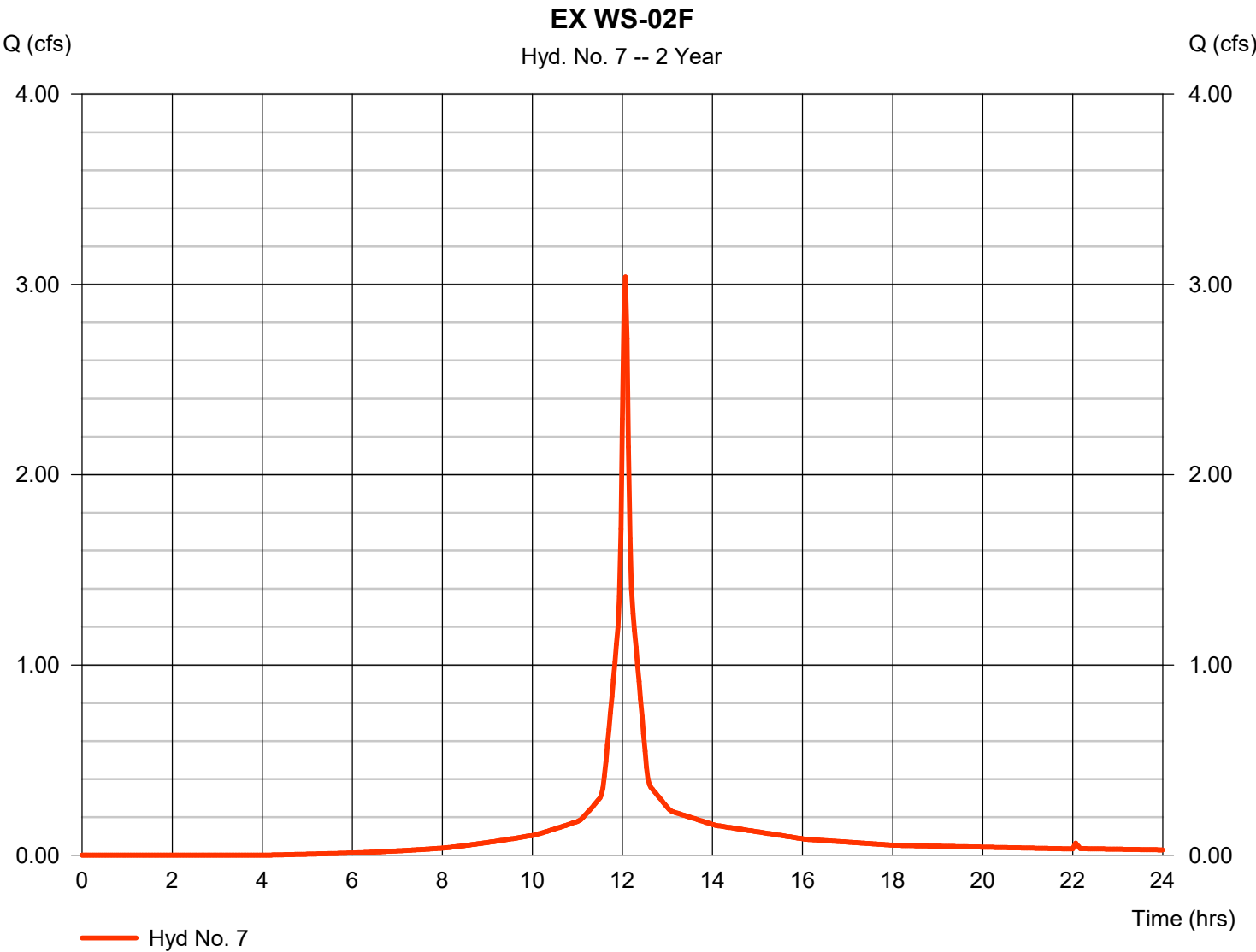
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Hyd. No. 7

EX WS-02F

Hydrograph type	= SCS Runoff	Peak discharge	= 3.039 cfs
Storm frequency	= 2 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 9,485 cuft
Drainage area	= 1.012 ac	Curve number	= 93
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.50 min
Total precip.	= 3.52 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

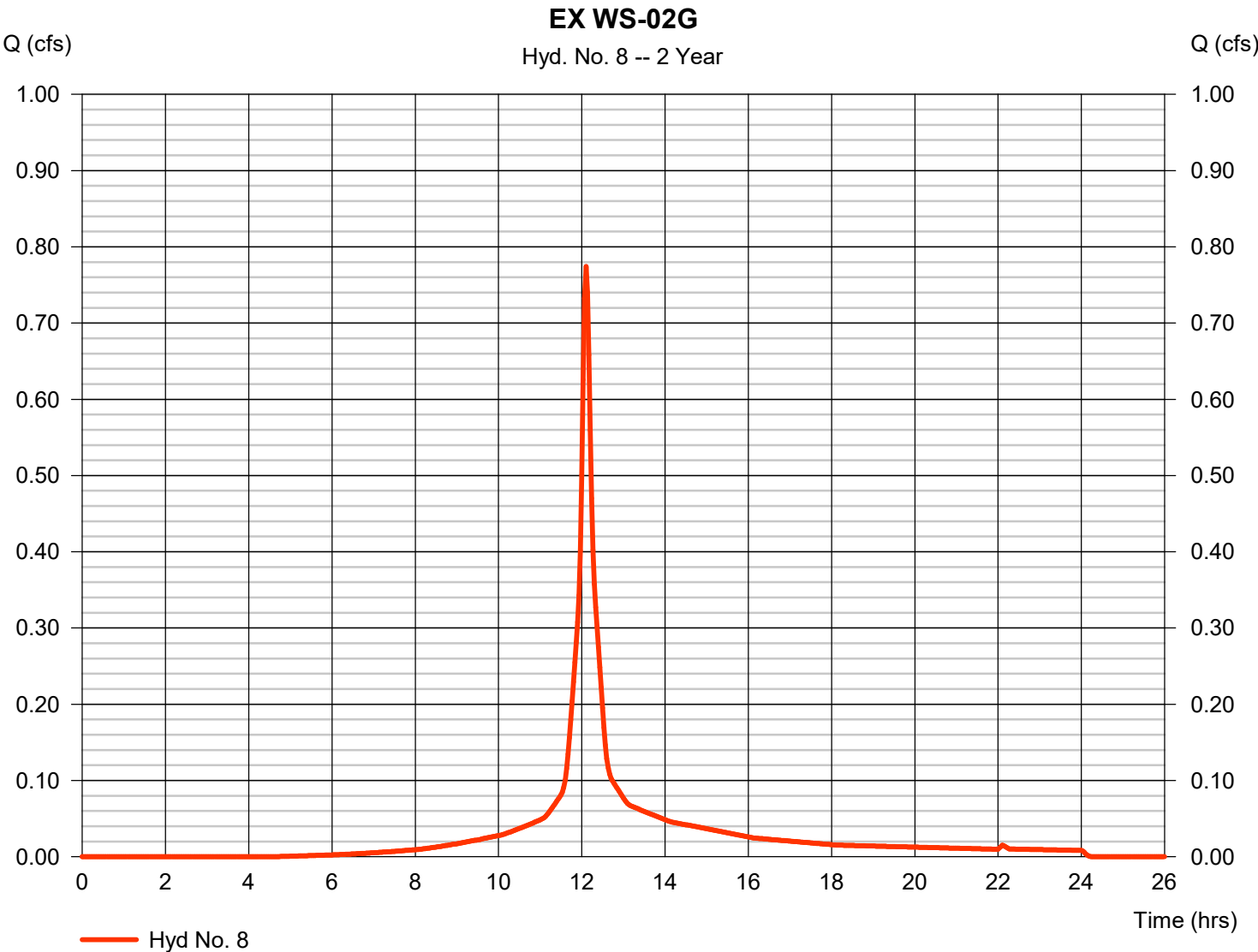
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Hyd. No. 8

EX WS-02G

Hydrograph type	= SCS Runoff	Peak discharge	= 0.774 cfs
Storm frequency	= 2 yrs	Time to peak	= 12.10 hrs
Time interval	= 2 min	Hyd. volume	= 2,719 cuft
Drainage area	= 0.282 ac	Curve number	= 92
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 6.90 min
Total precip.	= 3.52 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

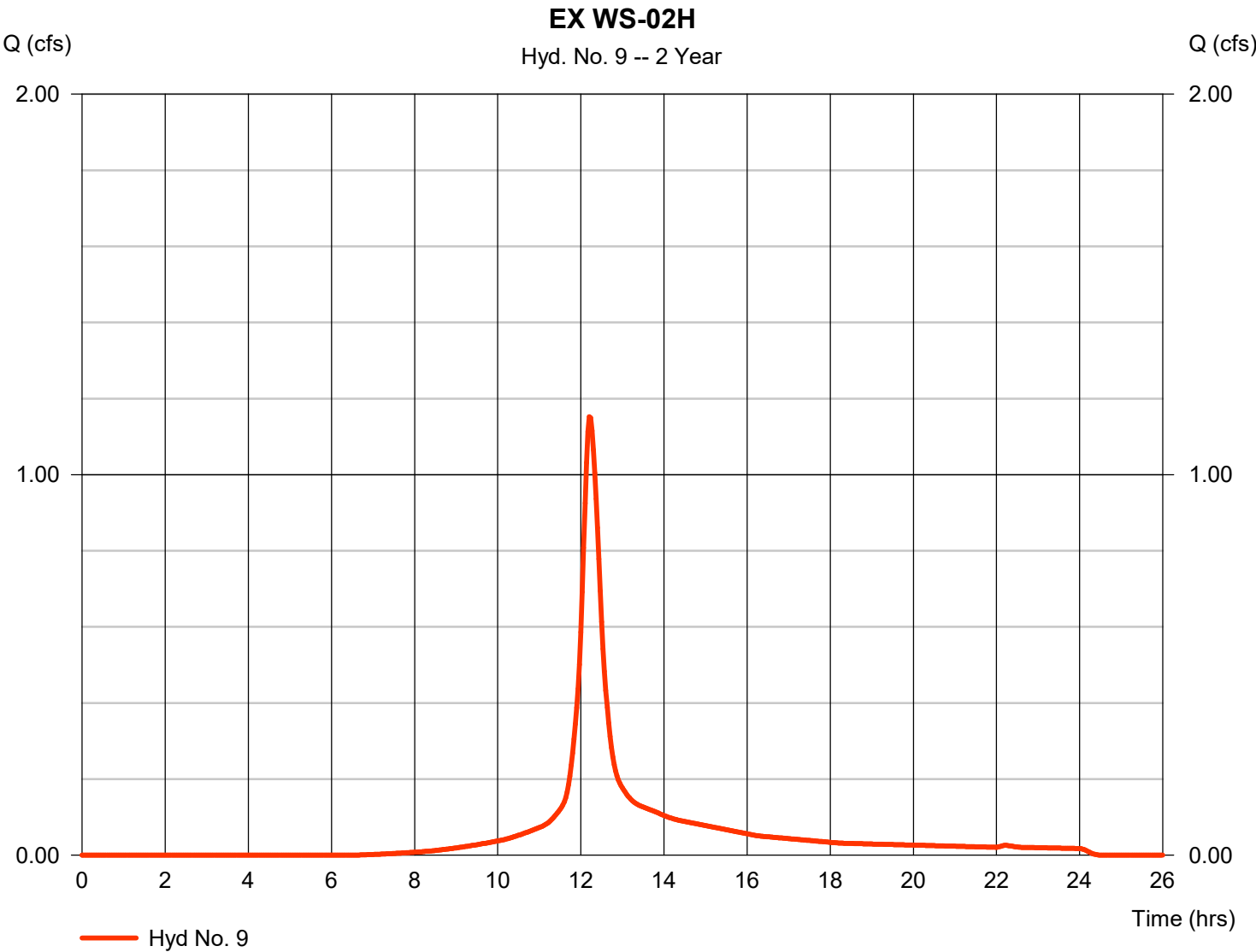
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Hyd. No. 9

EX WS-02H

Hydrograph type	= SCS Runoff	Peak discharge	= 1.152 cfs
Storm frequency	= 2 yrs	Time to peak	= 12.20 hrs
Time interval	= 2 min	Hyd. volume	= 5,114 cuft
Drainage area	= 0.616 ac	Curve number	= 88
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 17.30 min
Total precip.	= 3.52 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

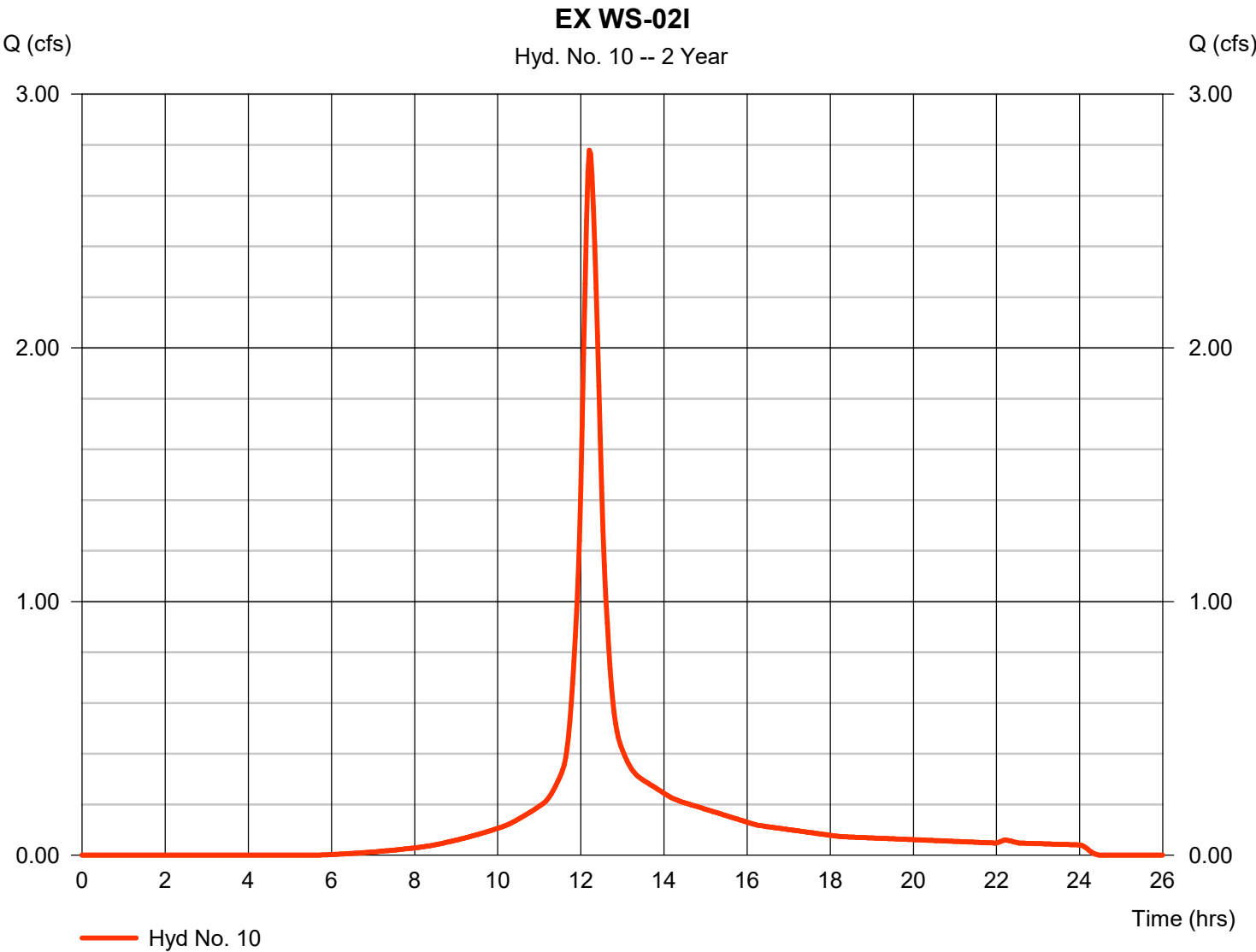


Hydrograph Report

Hyd. No. 10

EX WS-02I

Hydrograph type	= SCS Runoff	Peak discharge	= 2.779 cfs
Storm frequency	= 2 yrs	Time to peak	= 12.20 hrs
Time interval	= 2 min	Hyd. volume	= 12,419 cuft
Drainage area	= 1.387 ac	Curve number	= 90
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 18.60 min
Total precip.	= 3.52 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

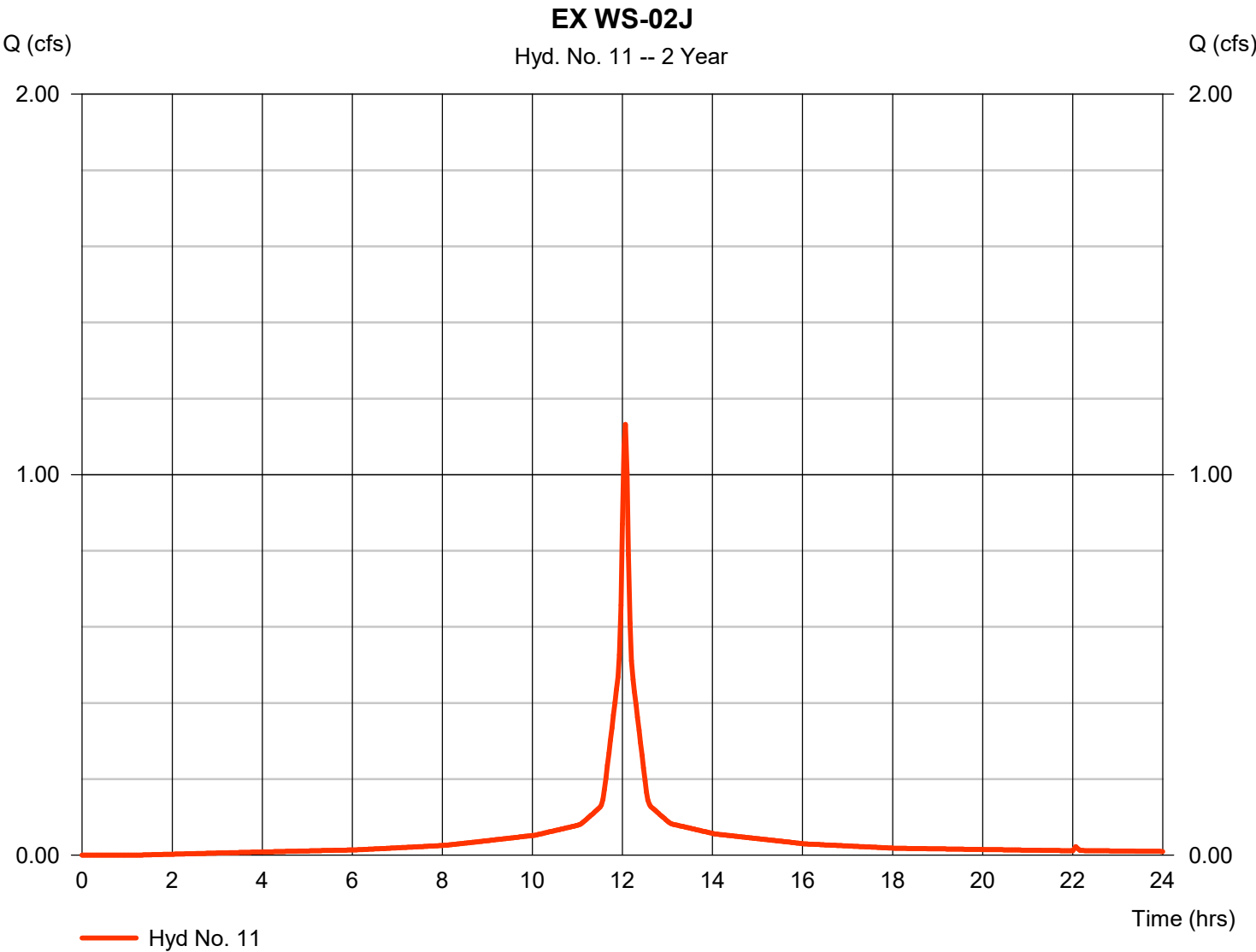
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Hyd. No. 11

EX WS-02J

Hydrograph type	= SCS Runoff	Peak discharge	= 1.132 cfs
Storm frequency	= 2 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 3,836 cuft
Drainage area	= 0.343 ac	Curve number	= 98
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 3.52 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

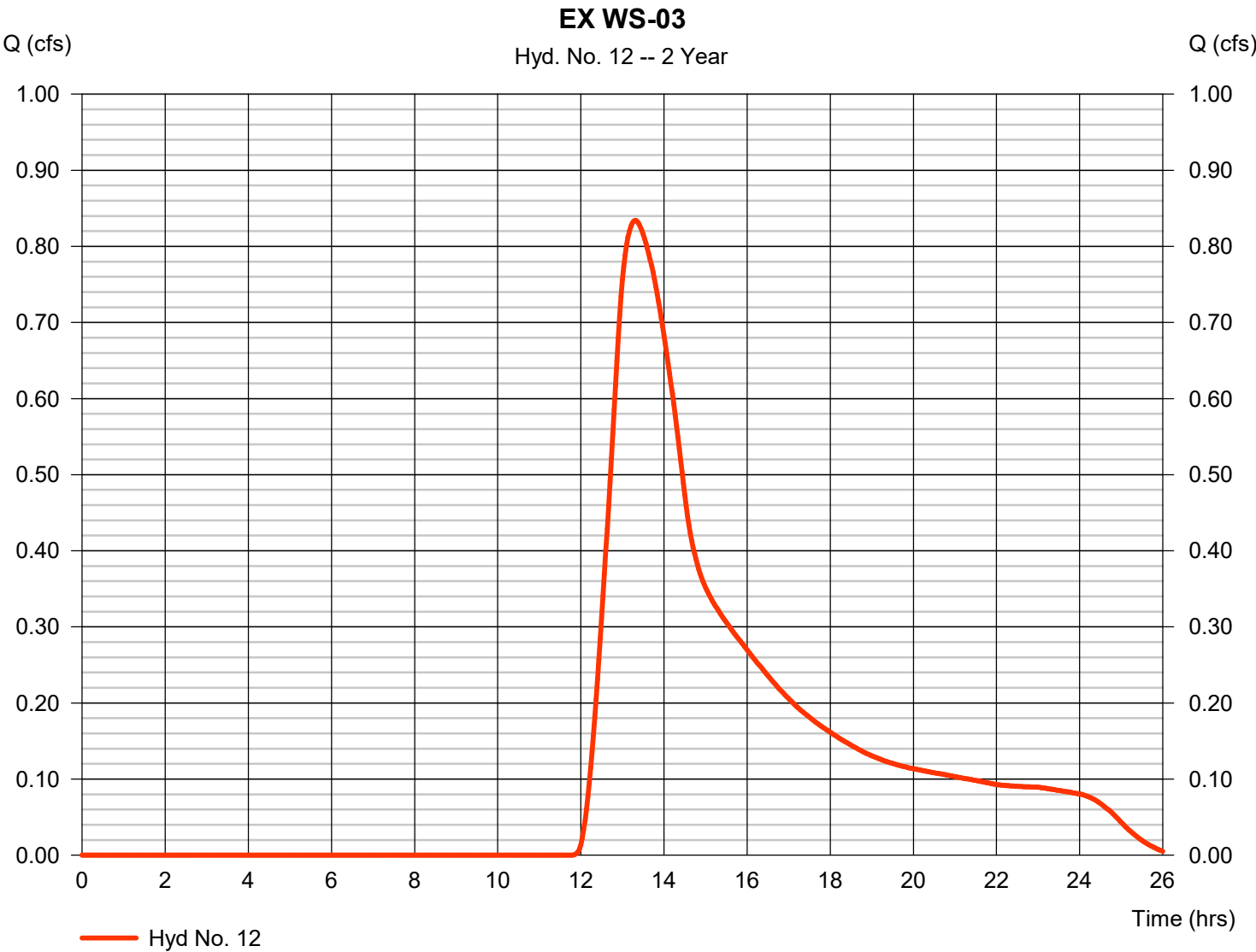
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Hyd. No. 12

EX WS-03

Hydrograph type	= SCS Runoff	Peak discharge	= 0.834 cfs
Storm frequency	= 2 yrs	Time to peak	= 13.30 hrs
Time interval	= 2 min	Hyd. volume	= 11,082 cuft
Drainage area	= 4.907 ac	Curve number	= 62
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 95.00 min
Total precip.	= 3.52 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

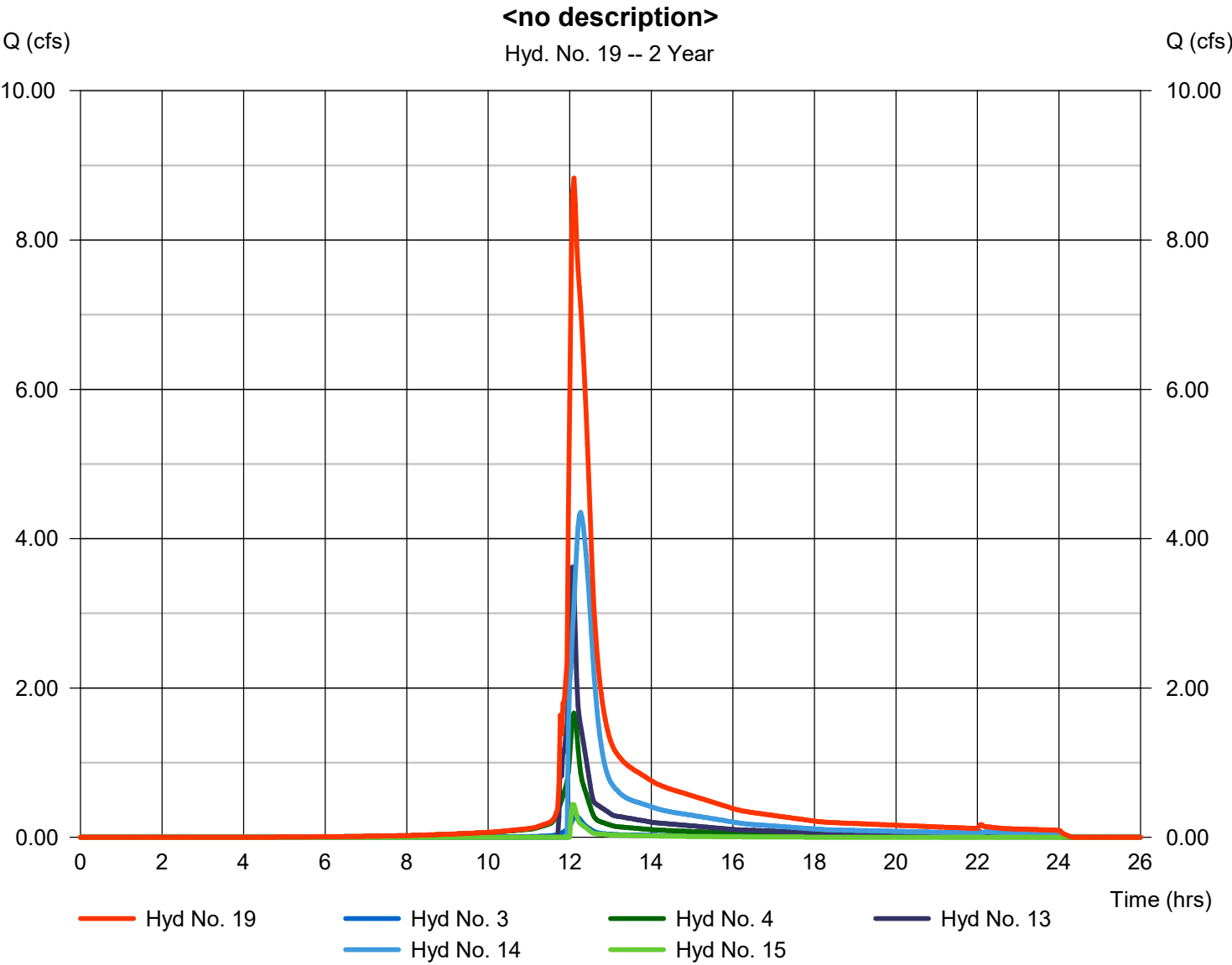


Hydrograph Report

Hyd. No. 19

<no description>

Hydrograph type	= Combine	Peak discharge	= 8.831 cfs
Storm frequency	= 2 yrs	Time to peak	= 12.10 hrs
Time interval	= 2 min	Hyd. volume	= 32,817 cuft
Inflow hyds.	= 3, 4, 13, 14, 15	Contrib. drain. area	= 0.776 ac



Hydrograph Report

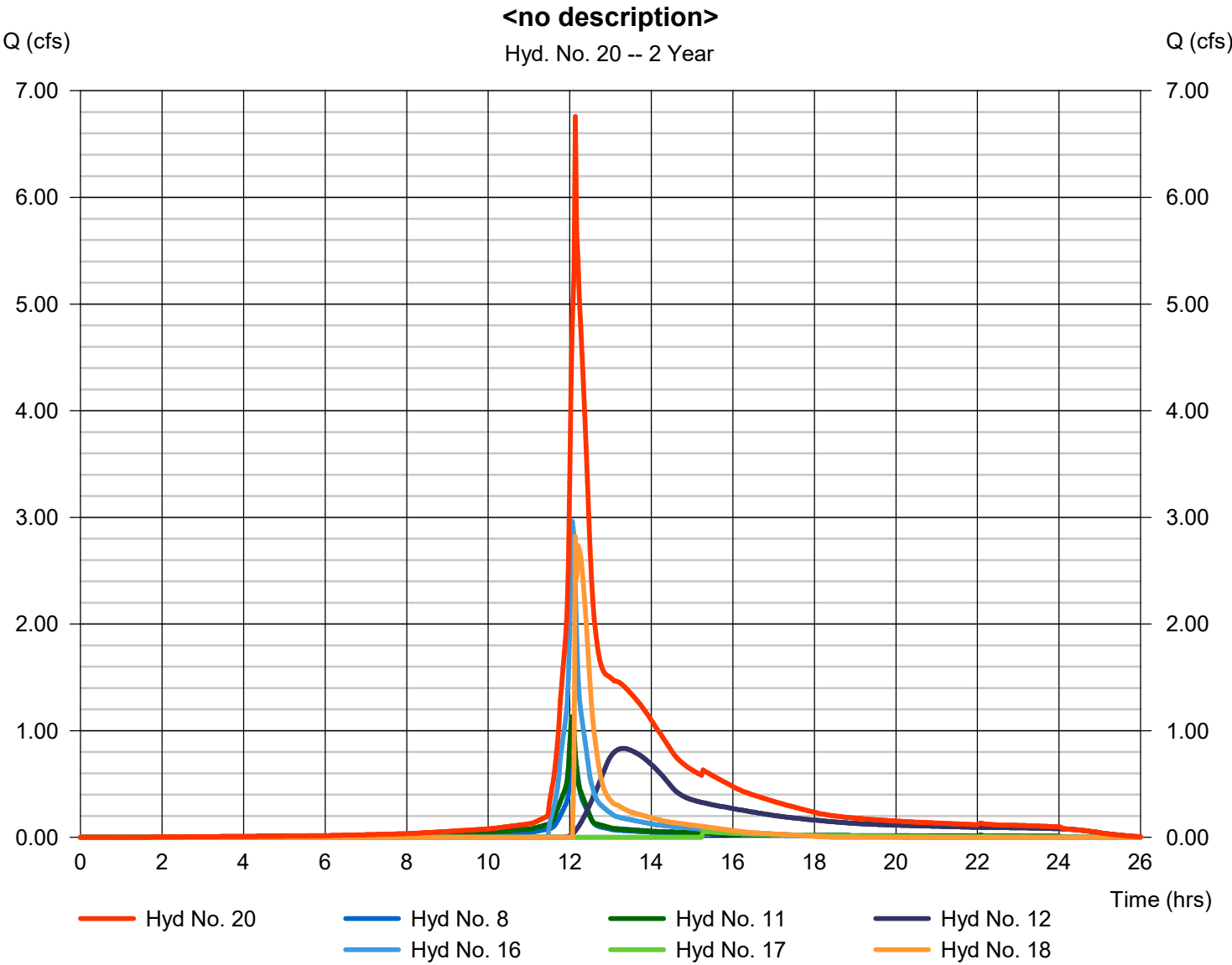
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Hyd. No. 20

<no description>

Hydrograph type	= Combine	Peak discharge	= 6.758 cfs
Storm frequency	= 2 yrs	Time to peak	= 12.13 hrs
Time interval	= 2 min	Hyd. volume	= 30,725 cuft
Inflow hyds.	= 8, 11, 12, 16, 17, 18	Contrib. drain. area	= 5.532 ac



Hydrograph Report

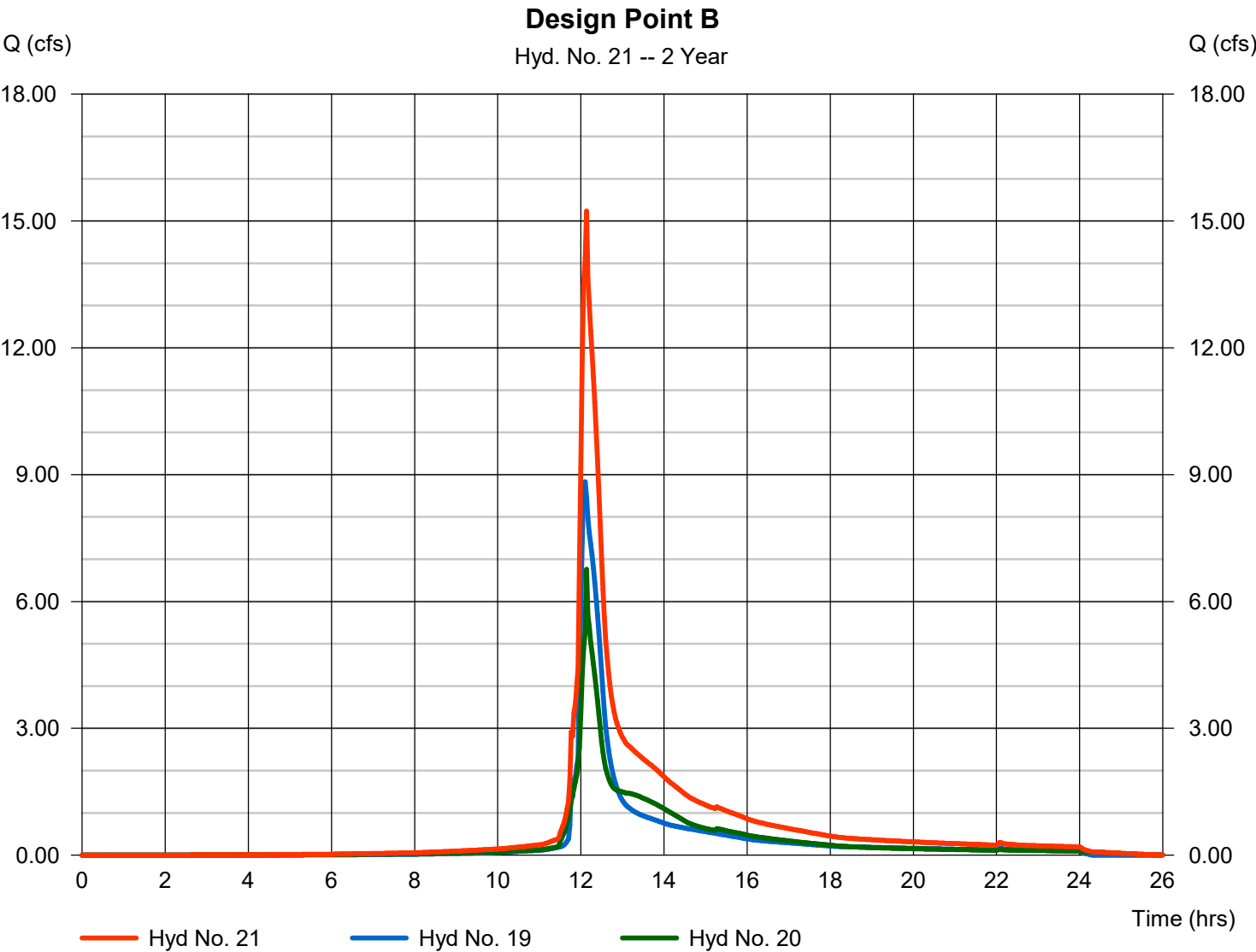
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Thursday, 04 / 4 / 2024

Hyd. No. 21

Design Point B

Hydrograph type	= Combine	Peak discharge	= 15.23 cfs
Storm frequency	= 2 yrs	Time to peak	= 12.13 hrs
Time interval	= 2 min	Hyd. volume	= 63,542 cuft
Inflow hyds.	= 19, 20	Contrib. drain. area	= 0.000 ac



Hydrograph Report

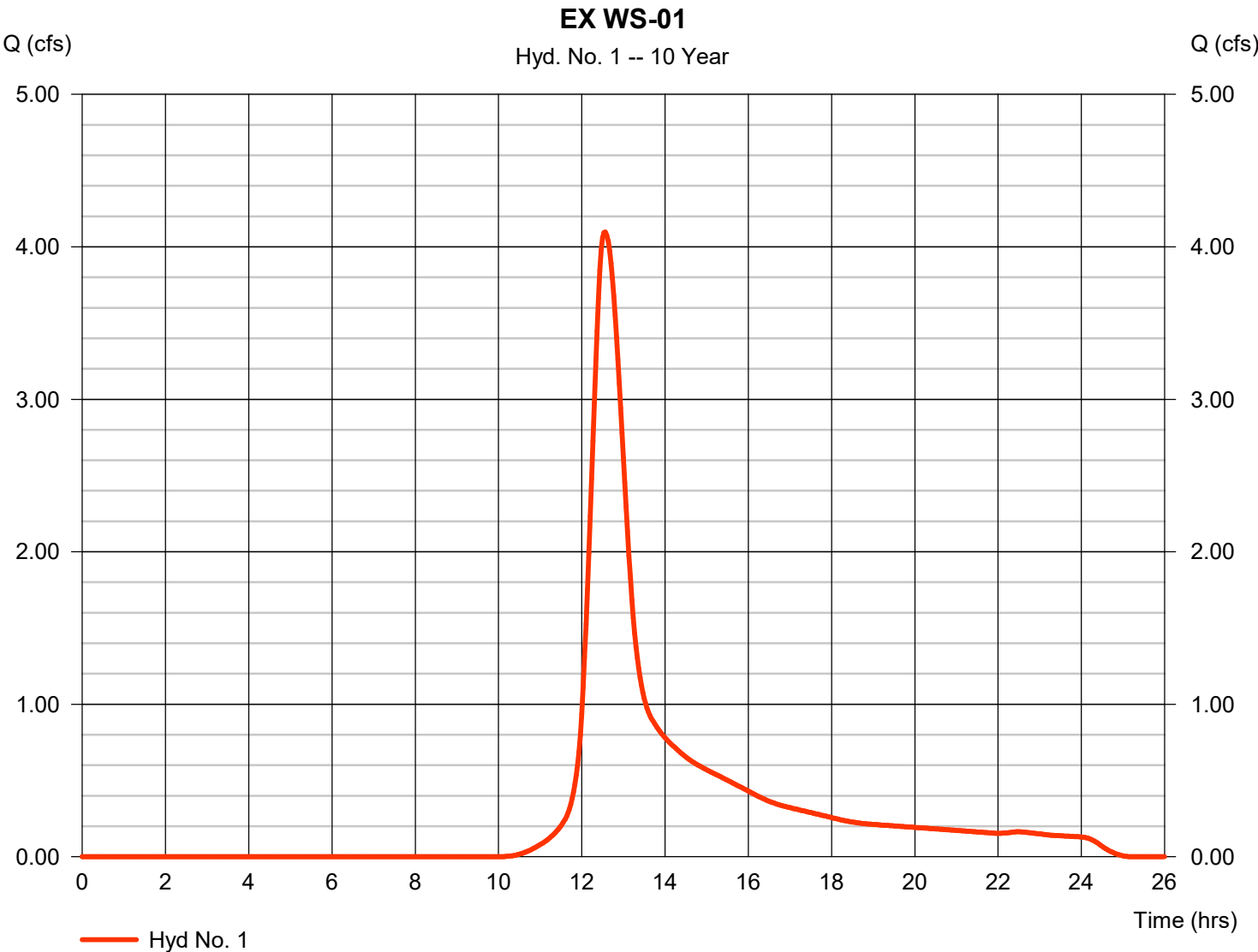
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Thursday, 04 / 4 / 2024

Hyd. No. 1

EX WS-01

Hydrograph type	= SCS Runoff	Peak discharge	= 4.097 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.57 hrs
Time interval	= 2 min	Hyd. volume	= 27,414 cuft
Drainage area	= 3.677 ac	Curve number	= 67
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 45.70 min
Total precip.	= 5.38 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

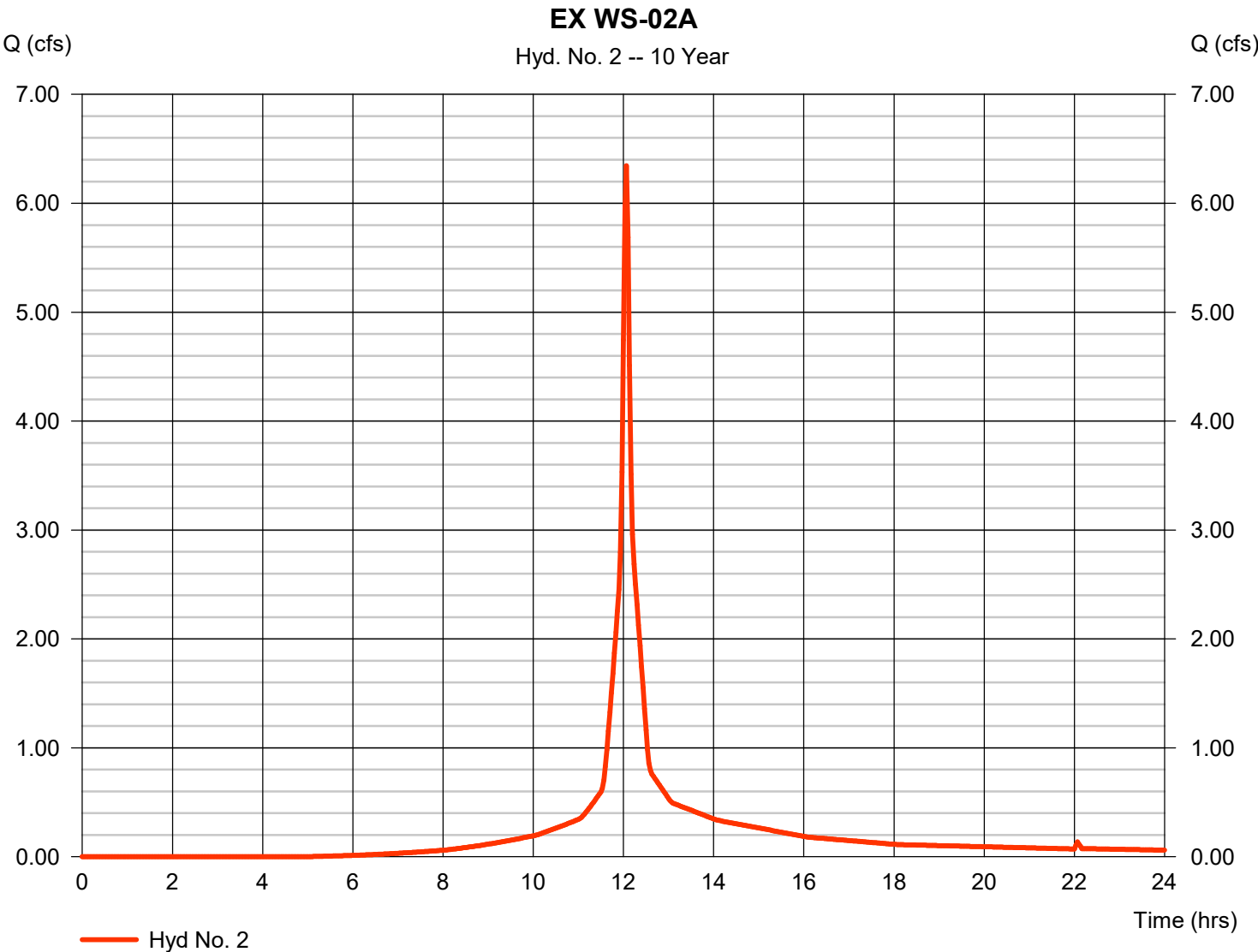


Hydrograph Report

Hyd. No. 2

EX WS-02A

Hydrograph type	= SCS Runoff	Peak discharge	= 6.345 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 19,469 cuft
Drainage area	= 1.457 ac	Curve number	= 87
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 5.38 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

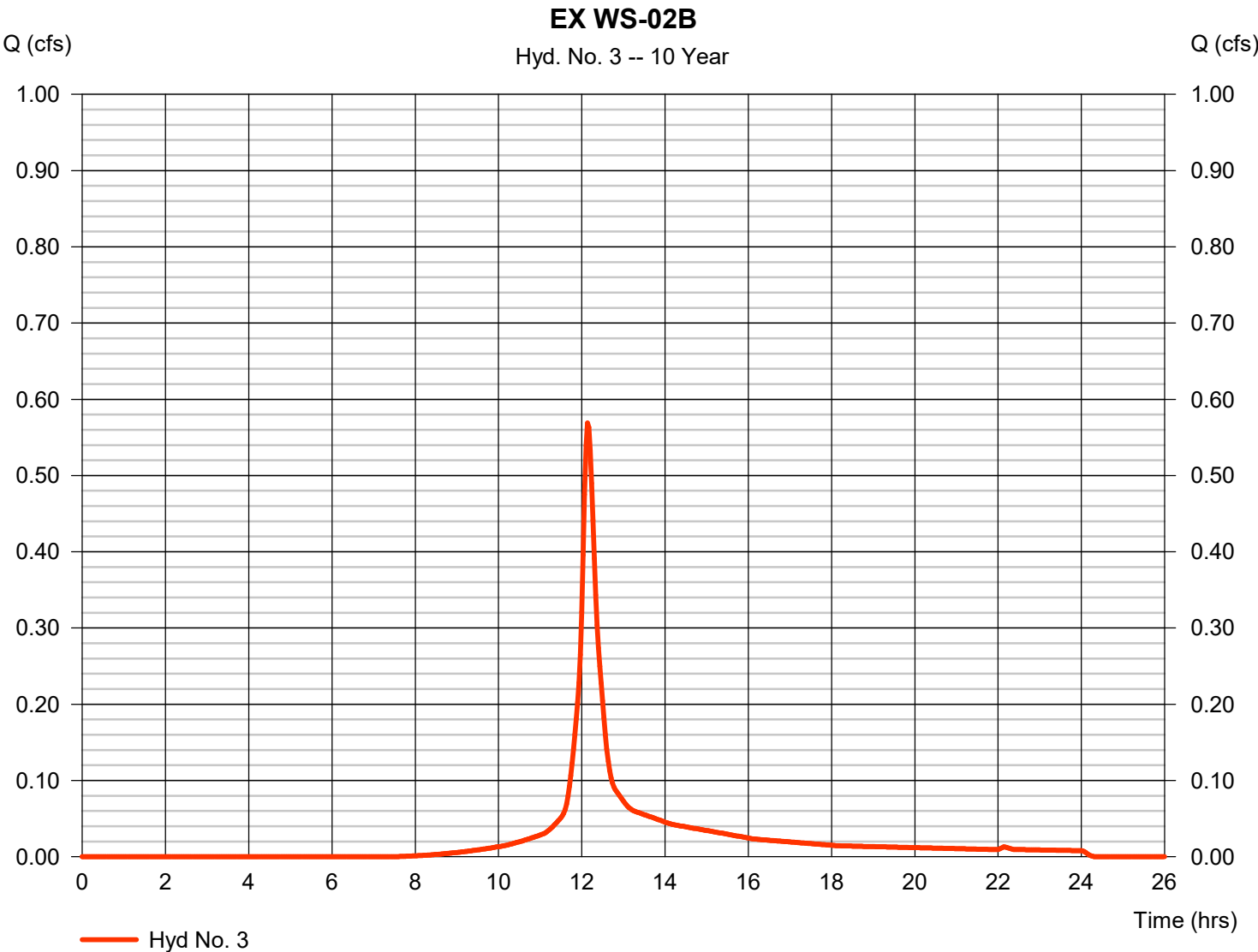
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Hyd. No. 3

EX WS-02B

Hydrograph type	= SCS Runoff	Peak discharge	= 0.569 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.13 hrs
Time interval	= 2 min	Hyd. volume	= 2,180 cuft
Drainage area	= 0.186 ac	Curve number	= 79
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 11.00 min
Total precip.	= 5.38 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

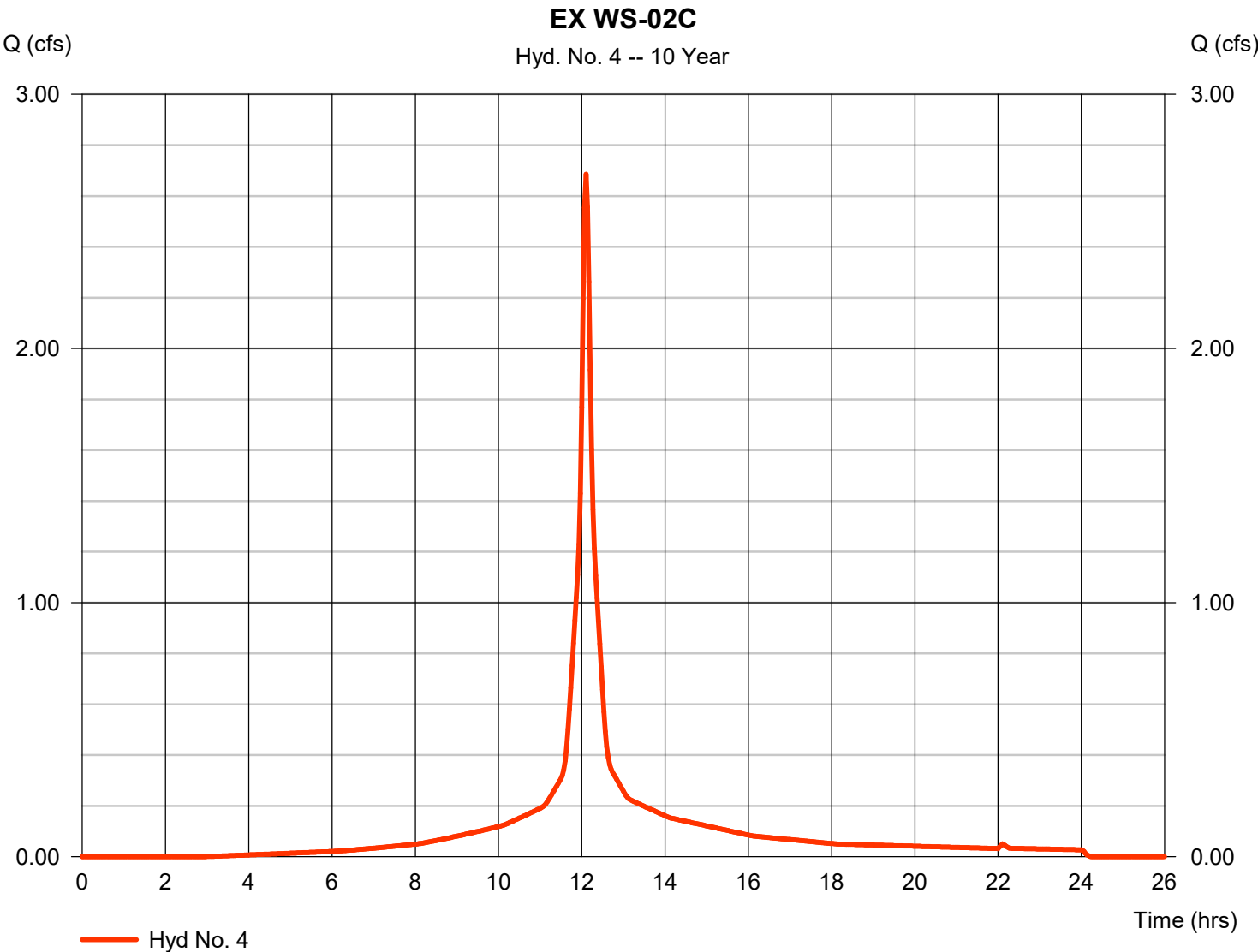
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Thursday, 04 / 4 / 2024

Hyd. No. 4

EX WS-02C

Hydrograph type	= SCS Runoff	Peak discharge	= 2.685 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.10 hrs
Time interval	= 2 min	Hyd. volume	= 9,791 cuft
Drainage area	= 0.590 ac	Curve number	= 93
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 9.40 min
Total precip.	= 5.38 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

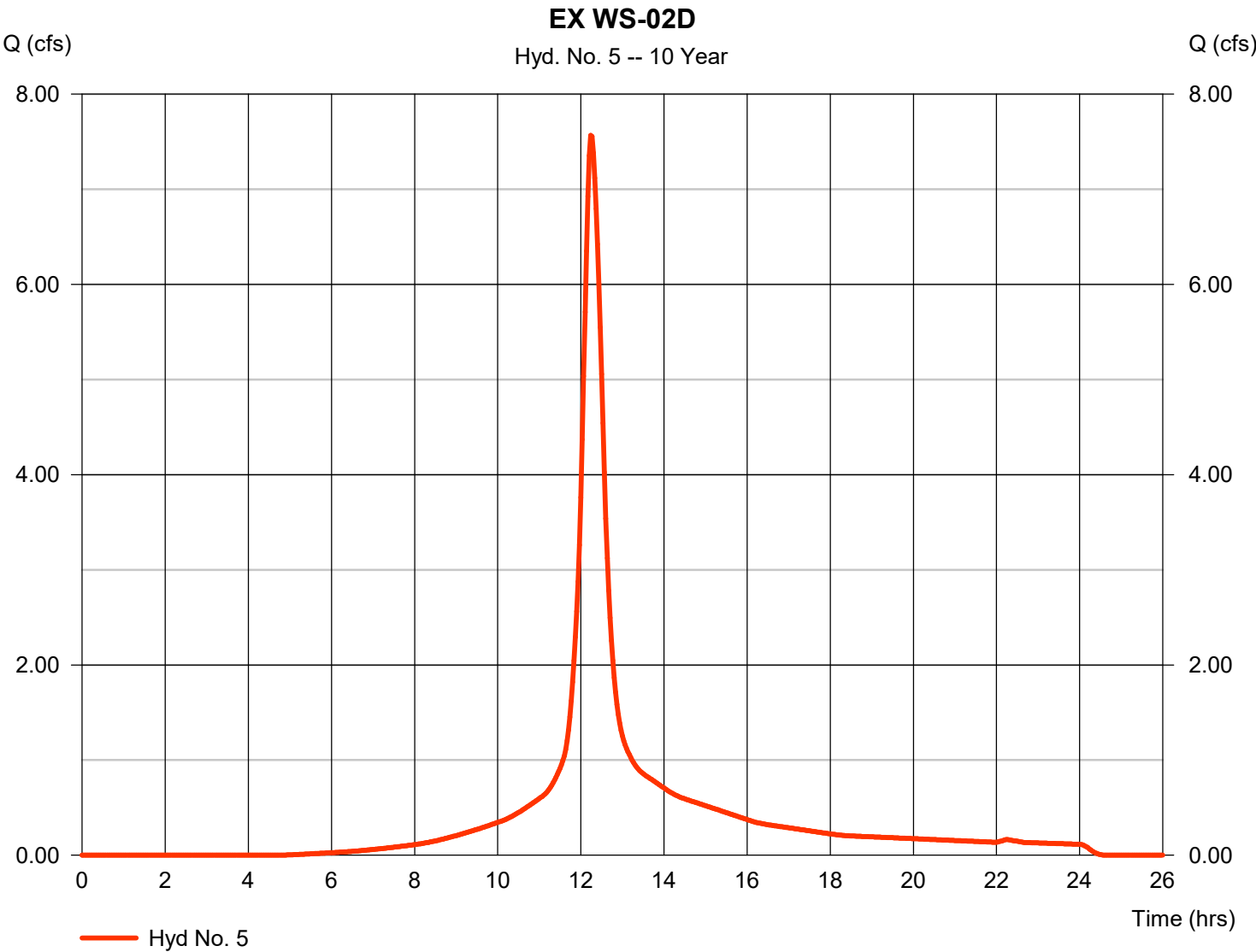


Hydrograph Report

Hyd. No. 5

EX WS-02D

Hydrograph type	= SCS Runoff	Peak discharge	= 7.568 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.23 hrs
Time interval	= 2 min	Hyd. volume	= 36,669 cuft
Drainage area	= 2.462 ac	Curve number	= 88
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 22.10 min
Total precip.	= 5.38 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

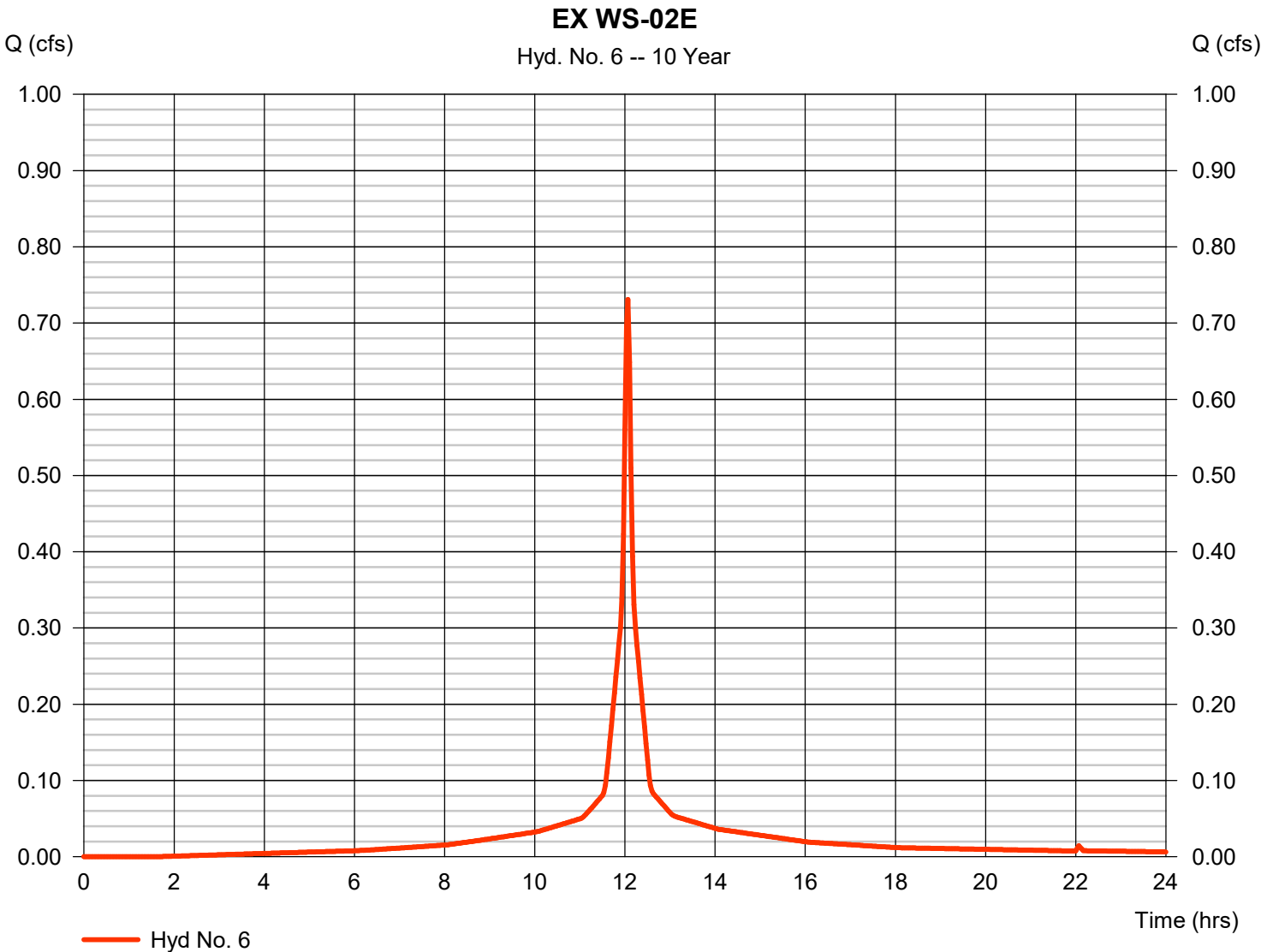
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 6

EX WS-02E

Hydrograph type	= SCS Runoff	Peak discharge	= 0.731 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 2,440 cuft
Drainage area	= 0.146 ac	Curve number	= 96
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 5.38 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

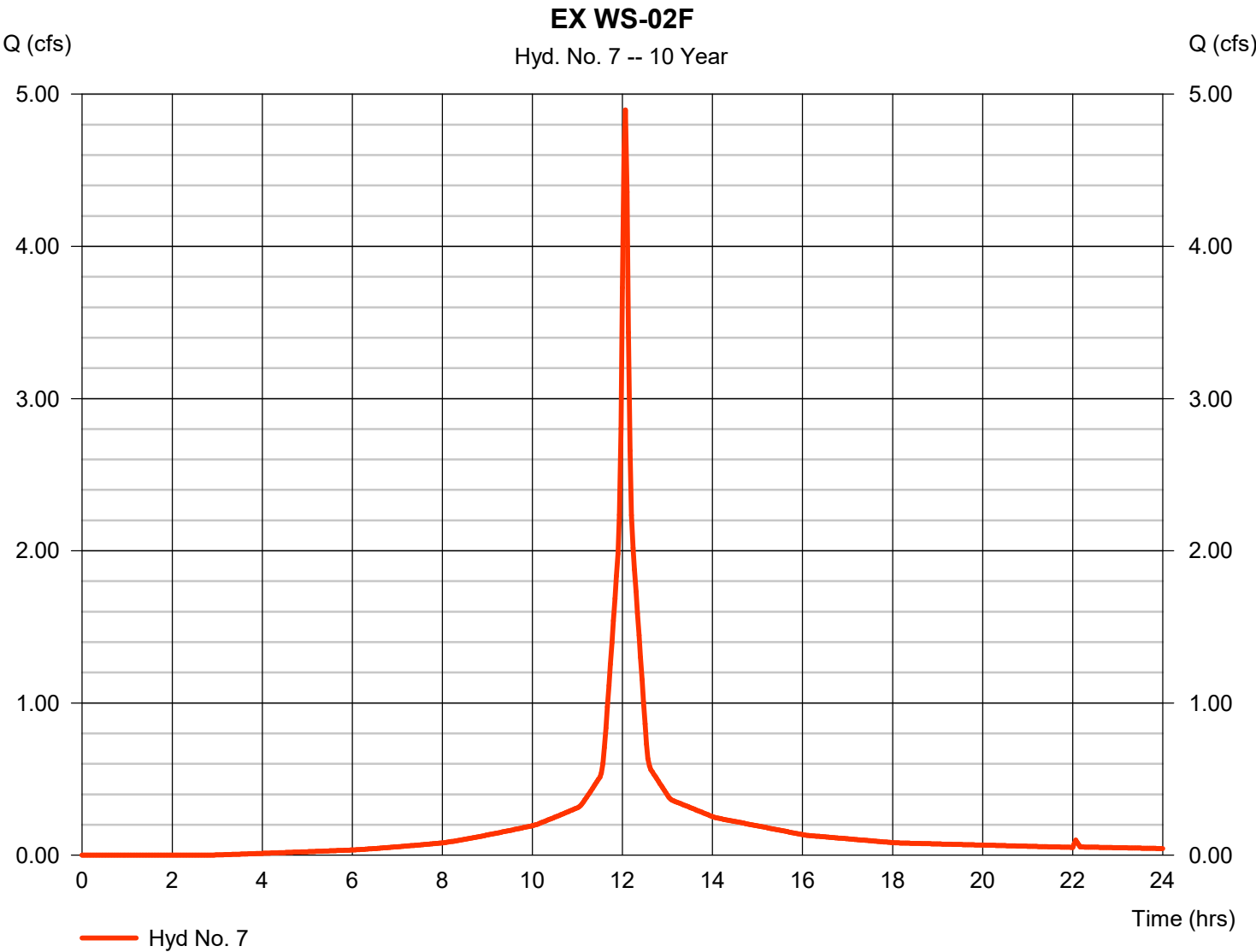
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 7

EX WS-02F

Hydrograph type	= SCS Runoff	Peak discharge	= 4.896 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 15,744 cuft
Drainage area	= 1.012 ac	Curve number	= 93
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.50 min
Total precip.	= 5.38 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

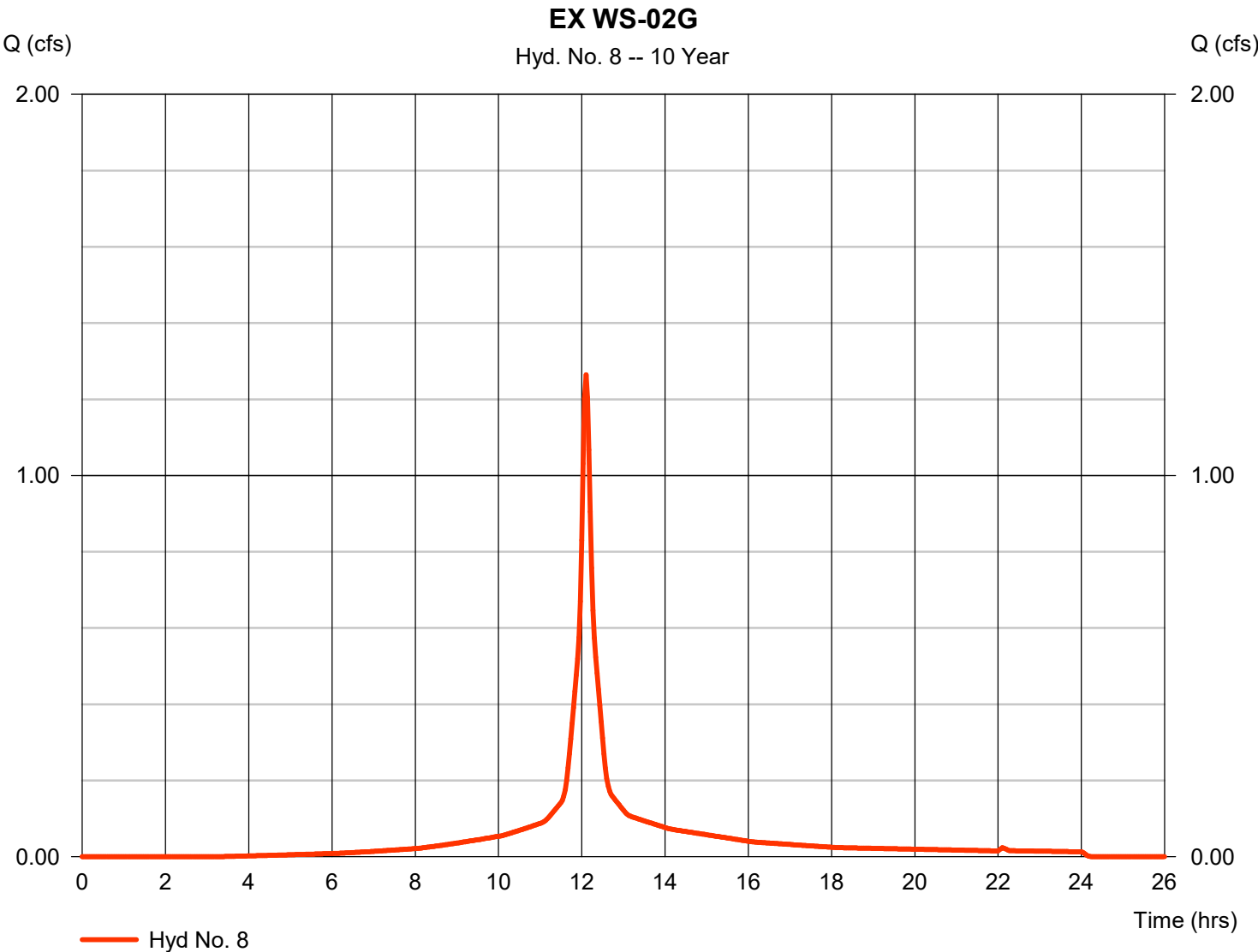


Hydrograph Report

Hyd. No. 8

EX WS-02G

Hydrograph type	= SCS Runoff	Peak discharge	= 1.265 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.10 hrs
Time interval	= 2 min	Hyd. volume	= 4,567 cuft
Drainage area	= 0.282 ac	Curve number	= 92
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 6.90 min
Total precip.	= 5.38 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

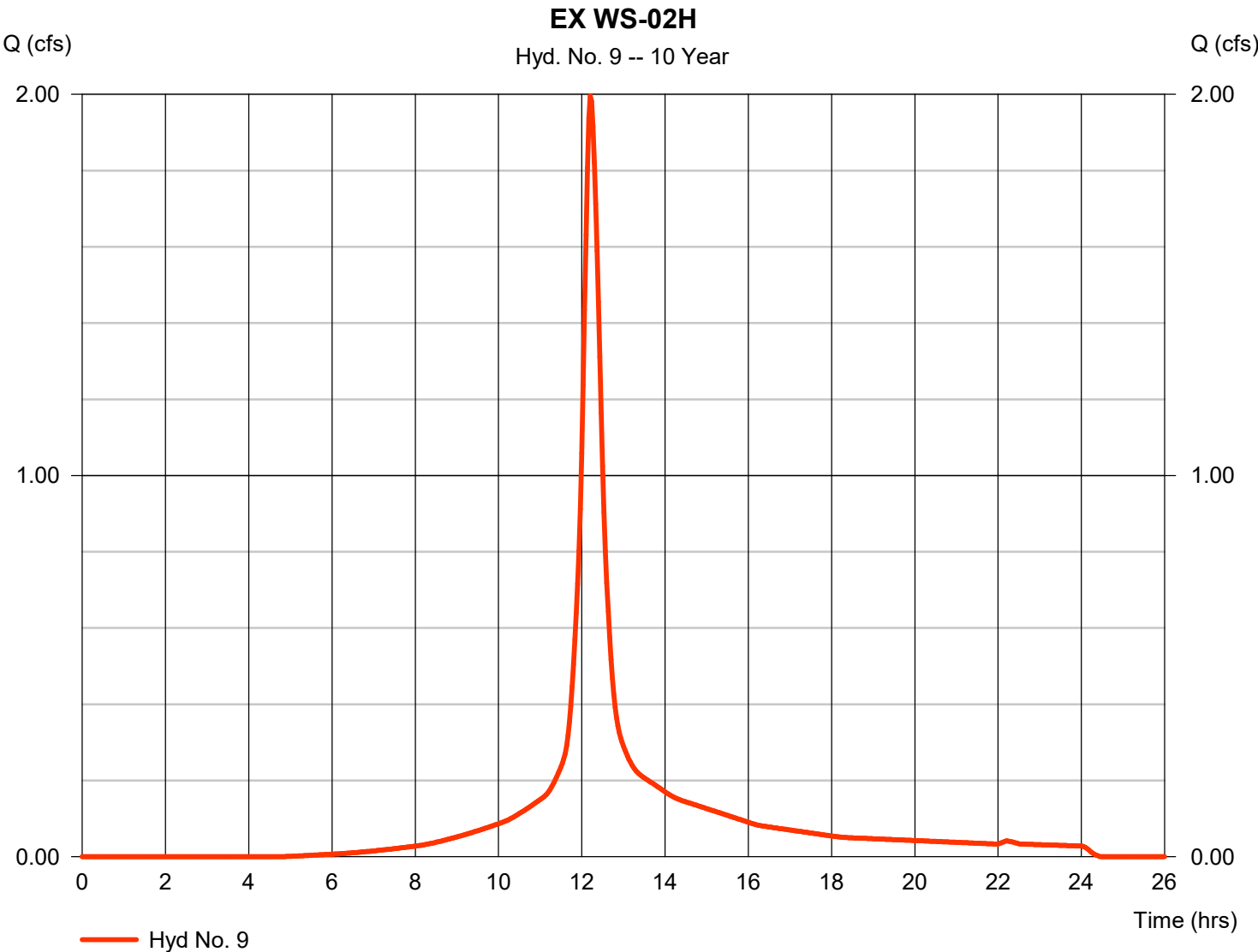


Hydrograph Report

Hyd. No. 9

EX WS-02H

Hydrograph type	= SCS Runoff	Peak discharge	= 1.996 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.20 hrs
Time interval	= 2 min	Hyd. volume	= 9,014 cuft
Drainage area	= 0.616 ac	Curve number	= 88
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 17.30 min
Total precip.	= 5.38 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

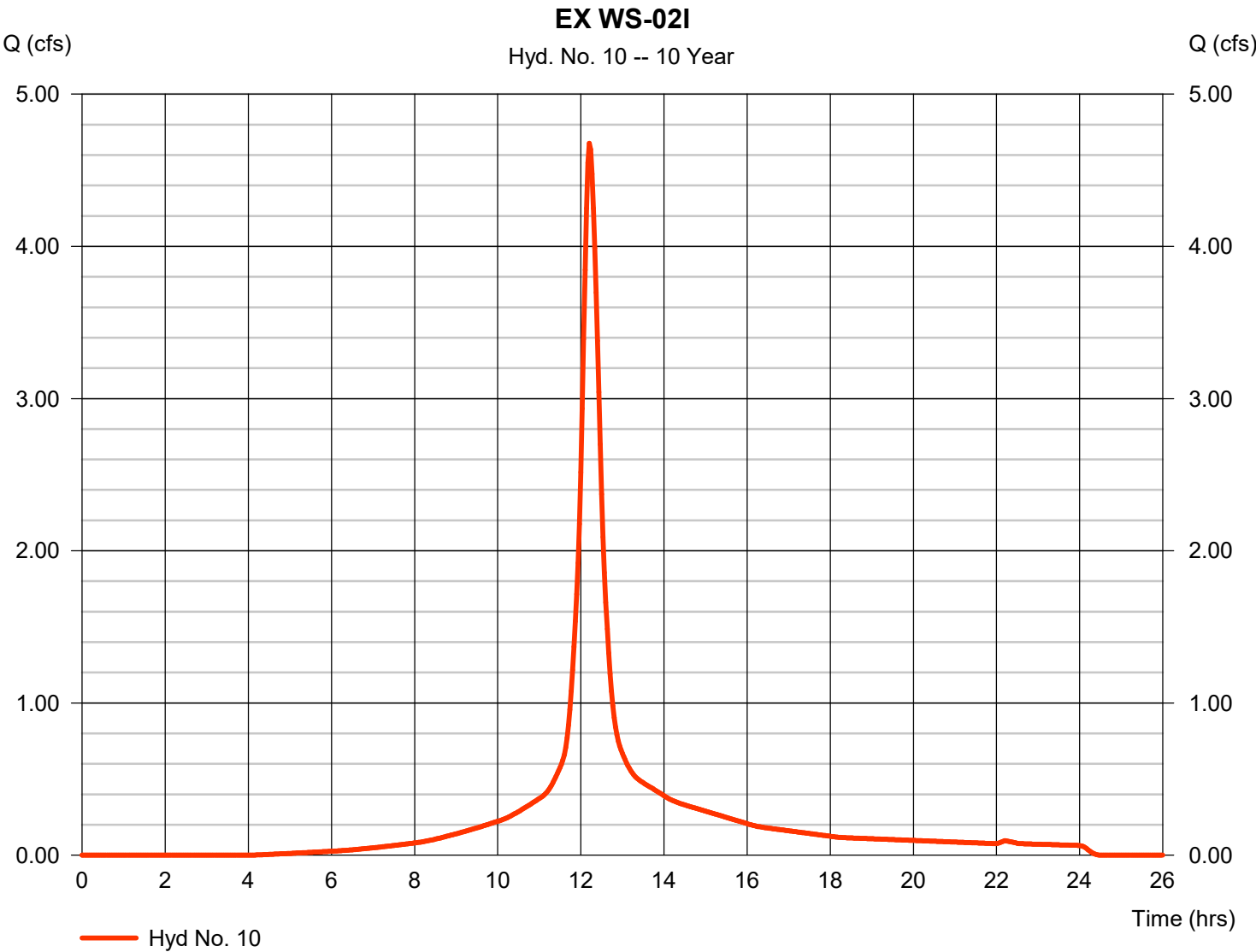
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 10

EX WS-02I

Hydrograph type	=	SCS Runoff	Peak discharge	=	4.677 cfs
Storm frequency	=	10 yrs	Time to peak	=	12.20 hrs
Time interval	=	2 min	Hyd. volume	=	21,366 cuft
Drainage area	=	1.387 ac	Curve number	=	90
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	18.60 min
Total precip.	=	5.38 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

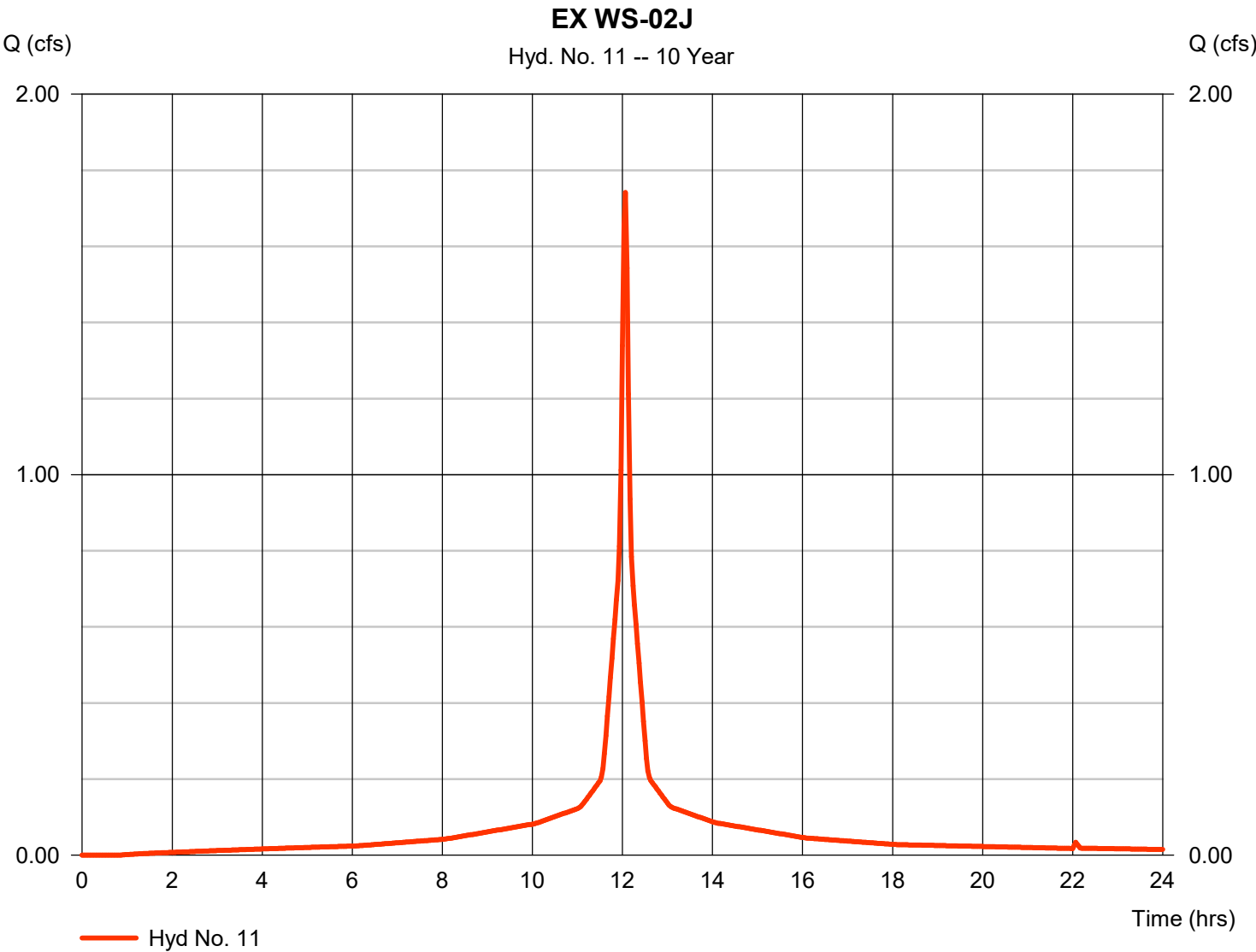


Hydrograph Report

Hyd. No. 11

EX WS-02J

Hydrograph type	=	SCS Runoff	Peak discharge	=	1.741 cfs
Storm frequency	=	10 yrs	Time to peak	=	12.07 hrs
Time interval	=	2 min	Hyd. volume	=	6,003 cuft
Drainage area	=	0.343 ac	Curve number	=	98
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	5.00 min
Total precip.	=	5.38 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

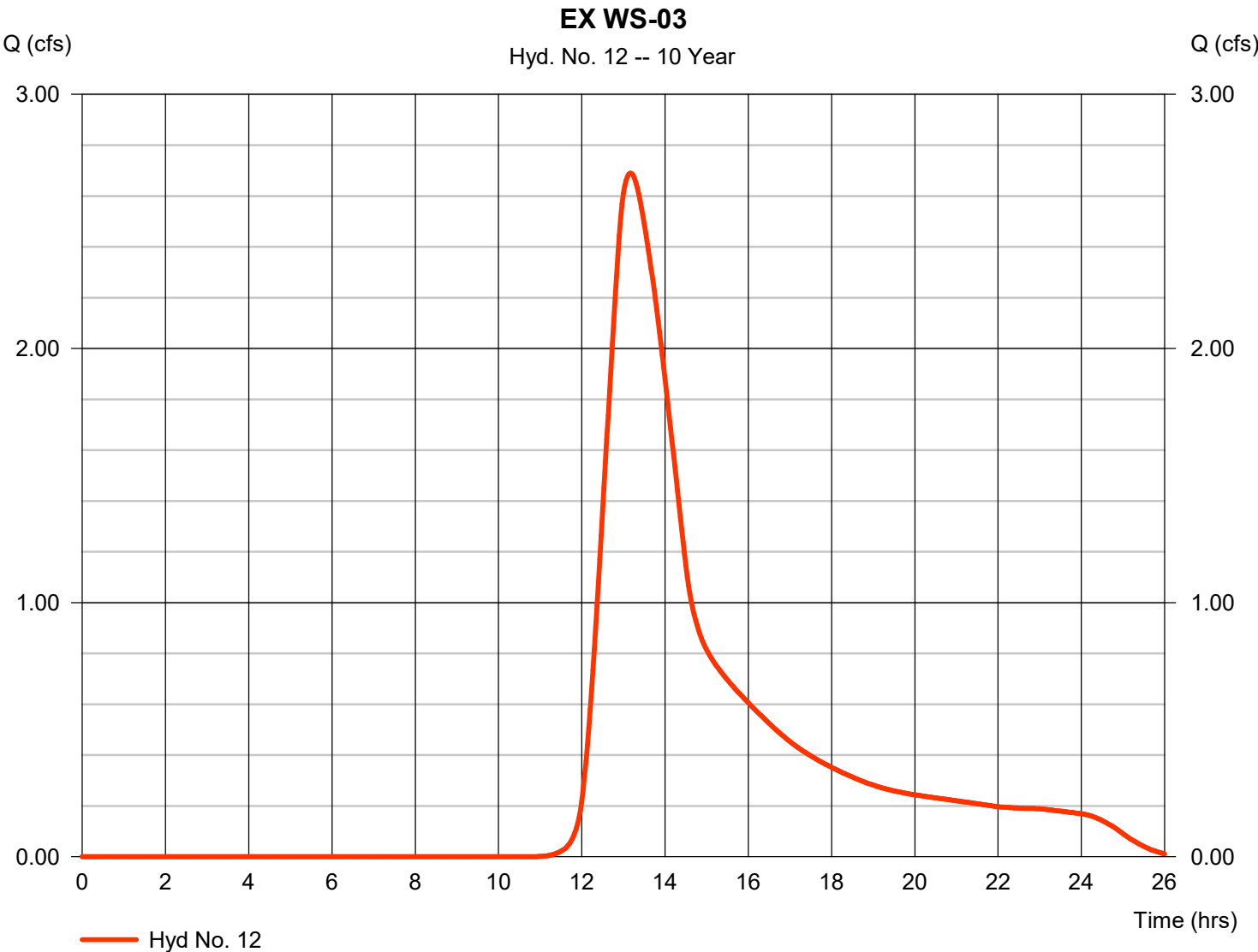


Hydrograph Report

Hyd. No. 12

EX WS-03

Hydrograph type	=	SCS Runoff	Peak discharge	=	2.690 cfs
Storm frequency	=	10 yrs	Time to peak	=	13.17 hrs
Time interval	=	2 min	Hyd. volume	=	29,764 cuft
Drainage area	=	4.907 ac	Curve number	=	62
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	95.00 min
Total precip.	=	5.38 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

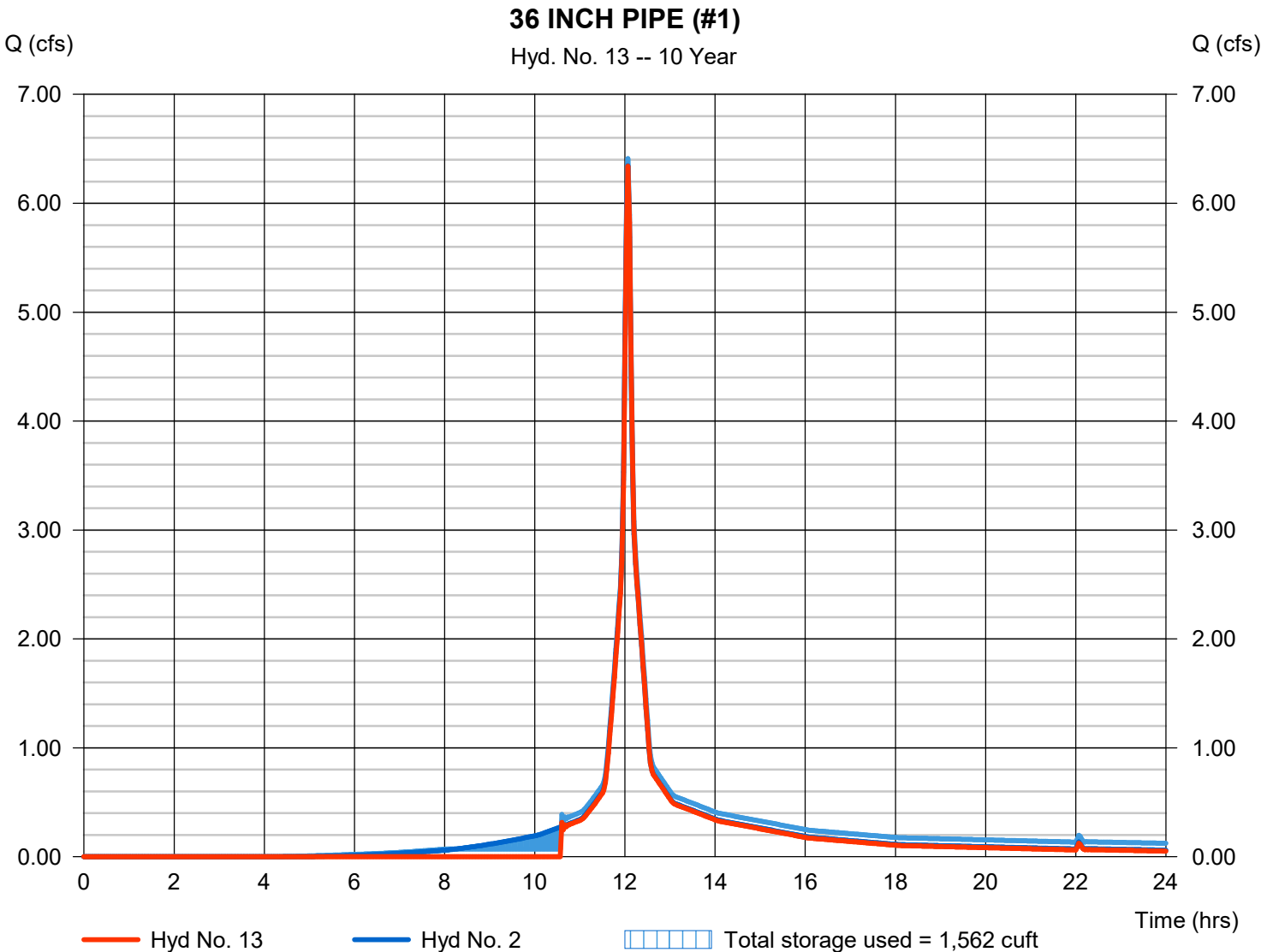
Thursday, 04 / 4 / 2024

Hyd. No. 13

36 INCH PIPE (#1)

Hydrograph type	= Reservoir	Peak discharge	= 6.339 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 17,448 cuft
Inflow hyd. No.	= 2 - EX WS-02A	Max. Elevation	= 143.69 ft
Reservoir name	= 36IN - 1	Max. Storage	= 1,562 cuft

Storage Indication method used. Exfiltration extracted from Outflow.



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

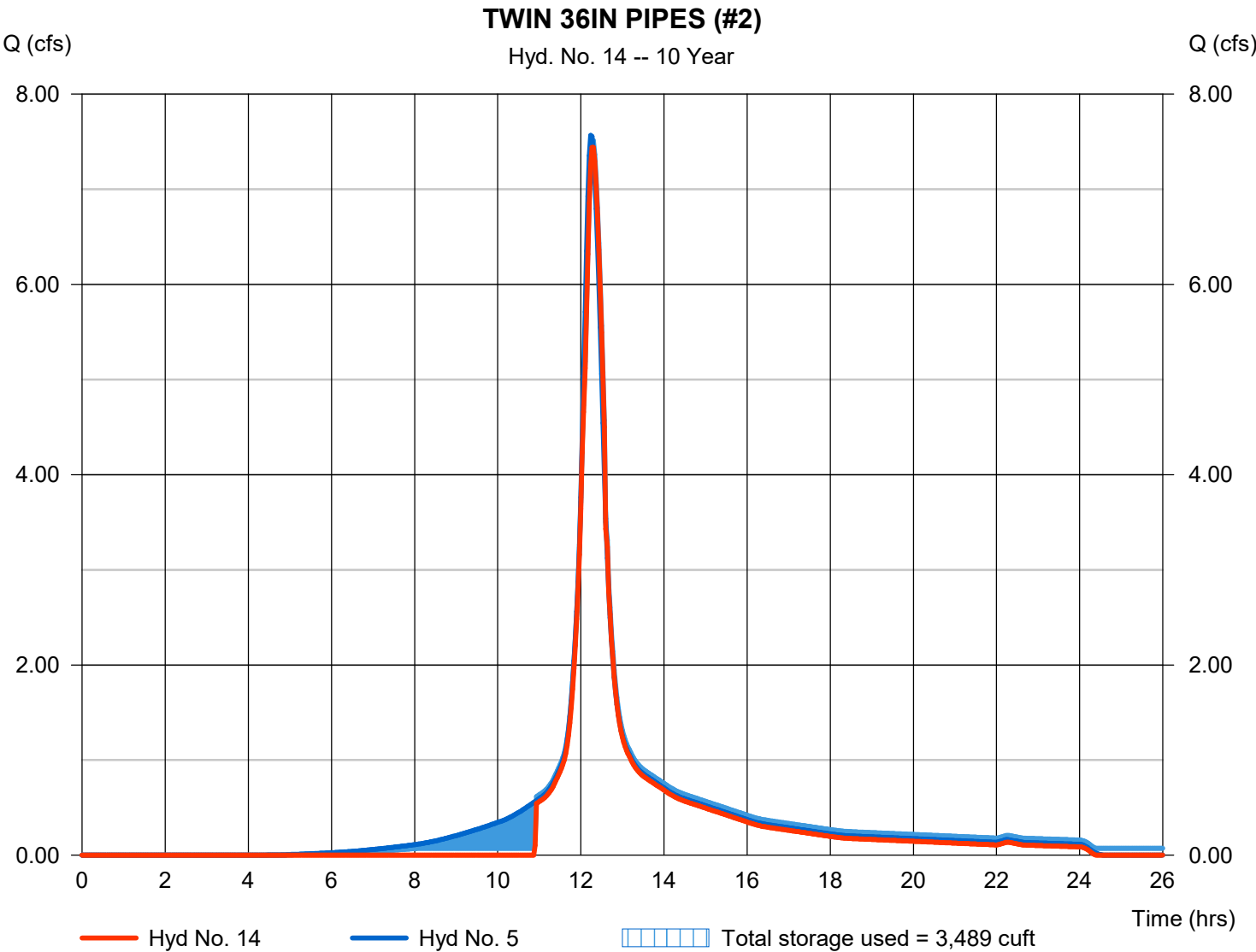
Thursday, 04 / 4 / 2024

Hyd. No. 14

TWIN 36IN PIPES (#2)

Hydrograph type	= Reservoir	Peak discharge	= 7.442 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.30 hrs
Time interval	= 2 min	Hyd. volume	= 31,857 cuft
Inflow hyd. No.	= 5 - EX WS-02D	Max. Elevation	= 139.08 ft
Reservoir name	= Northern Twin 36IN	Max. Storage	= 3,489 cuft

Storage Indication method used. Exfiltration extracted from Outflow.



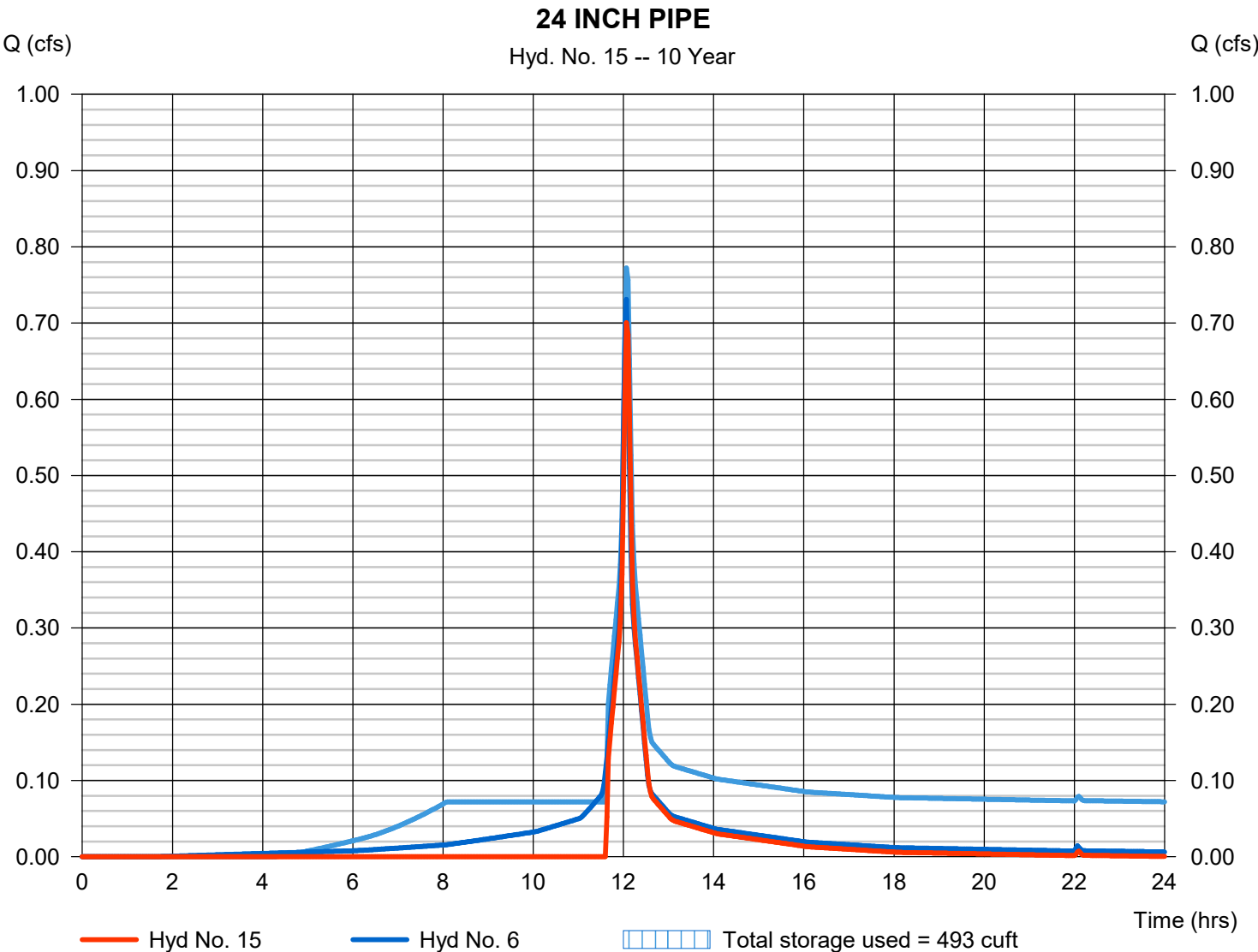
Hydrograph Report

Hyd. No. 15

24 INCH PIPE

Hydrograph type	= Reservoir	Peak discharge	= 0.701 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 1,554 cuft
Inflow hyd. No.	= 6 - EX WS-02E	Max. Elevation	= 139.63 ft
Reservoir name	= 24IN	Max. Storage	= 493 cuft

Storage Indication method used. Exfiltration extracted from Outflow.



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

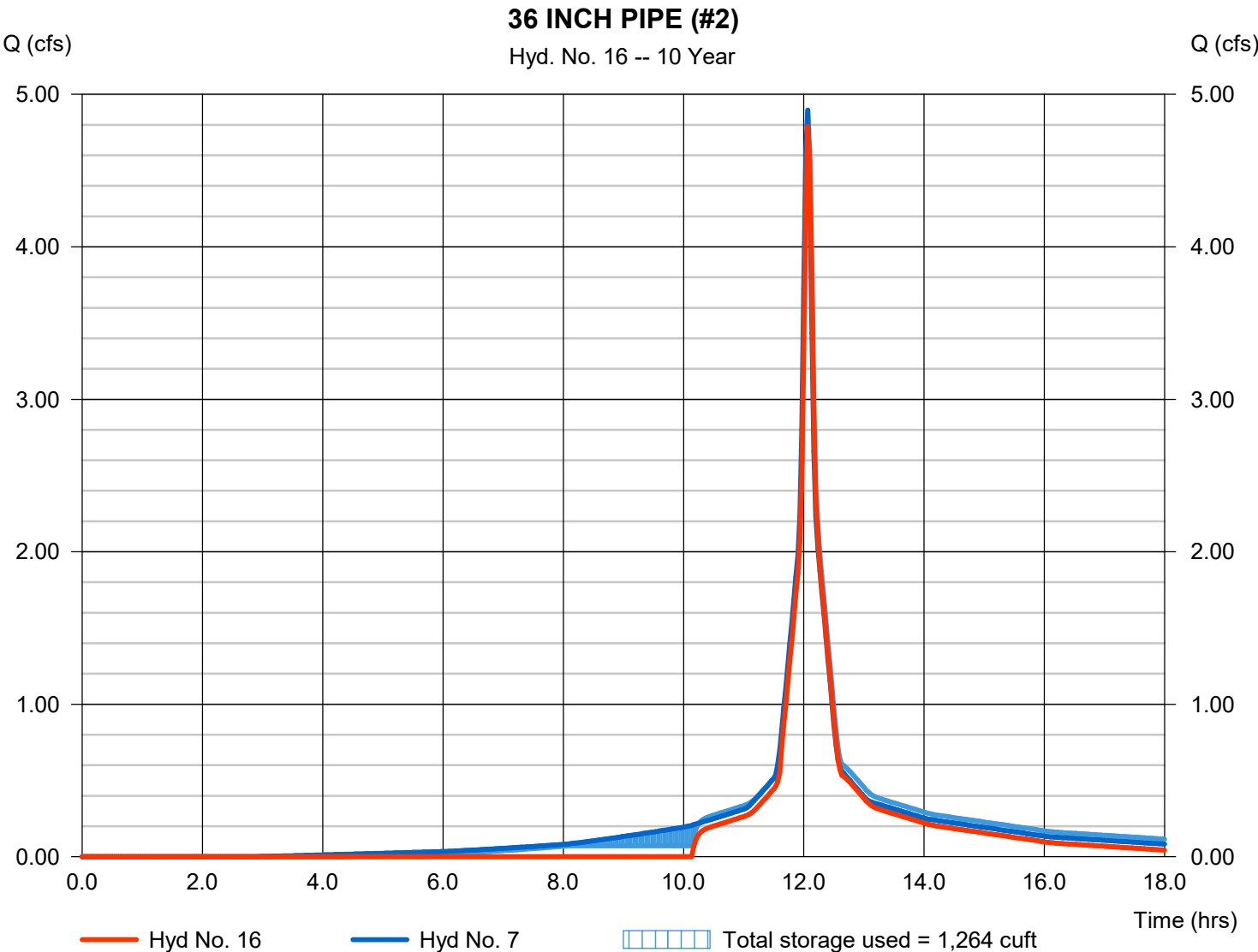
Thursday, 04 / 4 / 2024

Hyd. No. 16

36 INCH PIPE (#2)

Hydrograph type	= Reservoir	Peak discharge	= 4.789 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 12,060 cuft
Inflow hyd. No.	= 7 - EX WS-02F	Max. Elevation	= 139.47 ft
Reservoir name	= 36in - 2	Max. Storage	= 1,264 cuft

Storage Indication method used. Exfiltration extracted from Outflow.



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

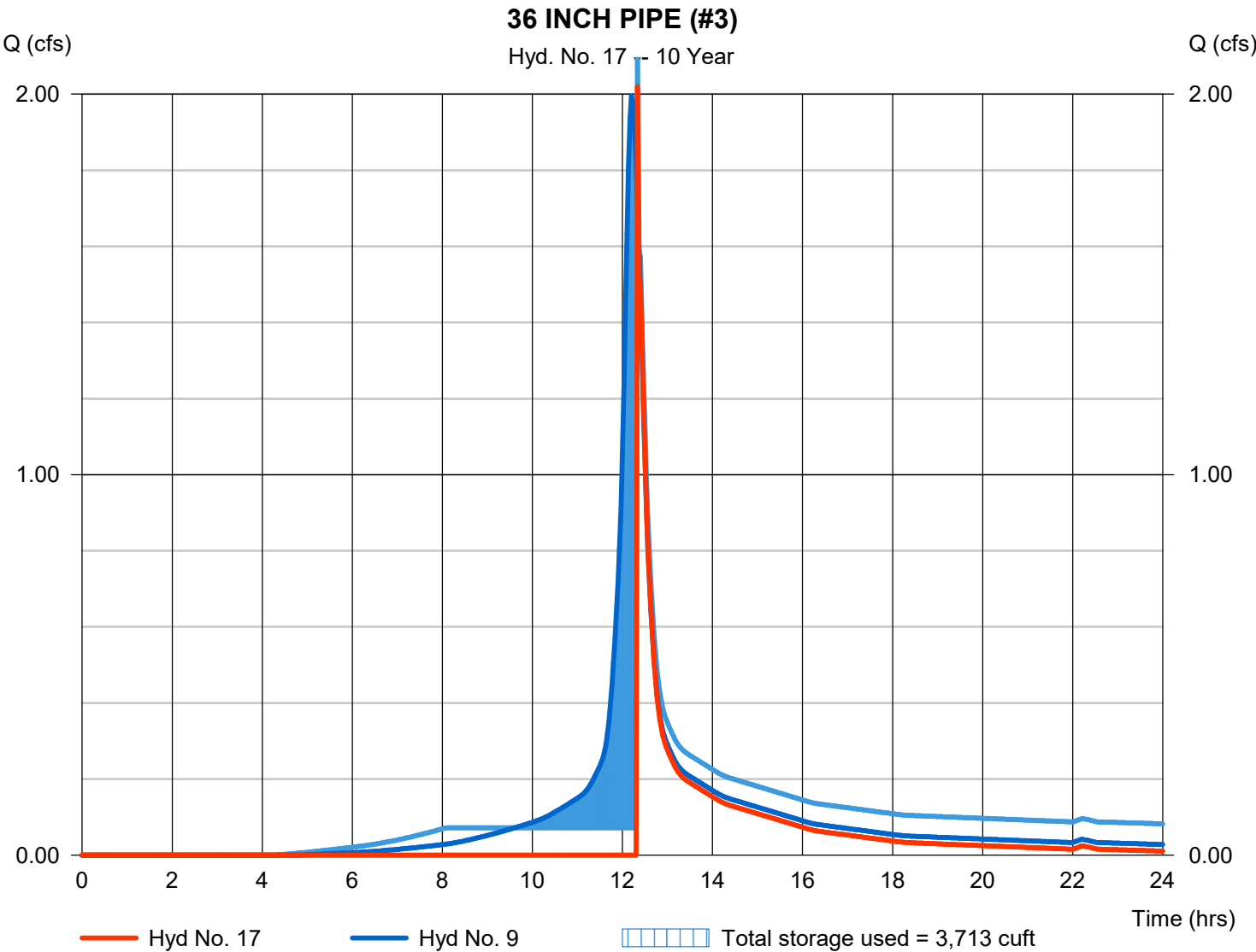
Thursday, 04 / 4 / 2024

Hyd. No. 17

36 INCH PIPE (#3)

Hydrograph type	= Reservoir	Peak discharge	= 2.020 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.33 hrs
Time interval	= 2 min	Hyd. volume	= 4,253 cuft
Inflow hyd. No.	= 9 - EX WS-02H	Max. Elevation	= 137.49 ft
Reservoir name	= 36in - 3	Max. Storage	= 3,713 cuft

Storage Indication method used. Exfiltration extracted from Outflow.



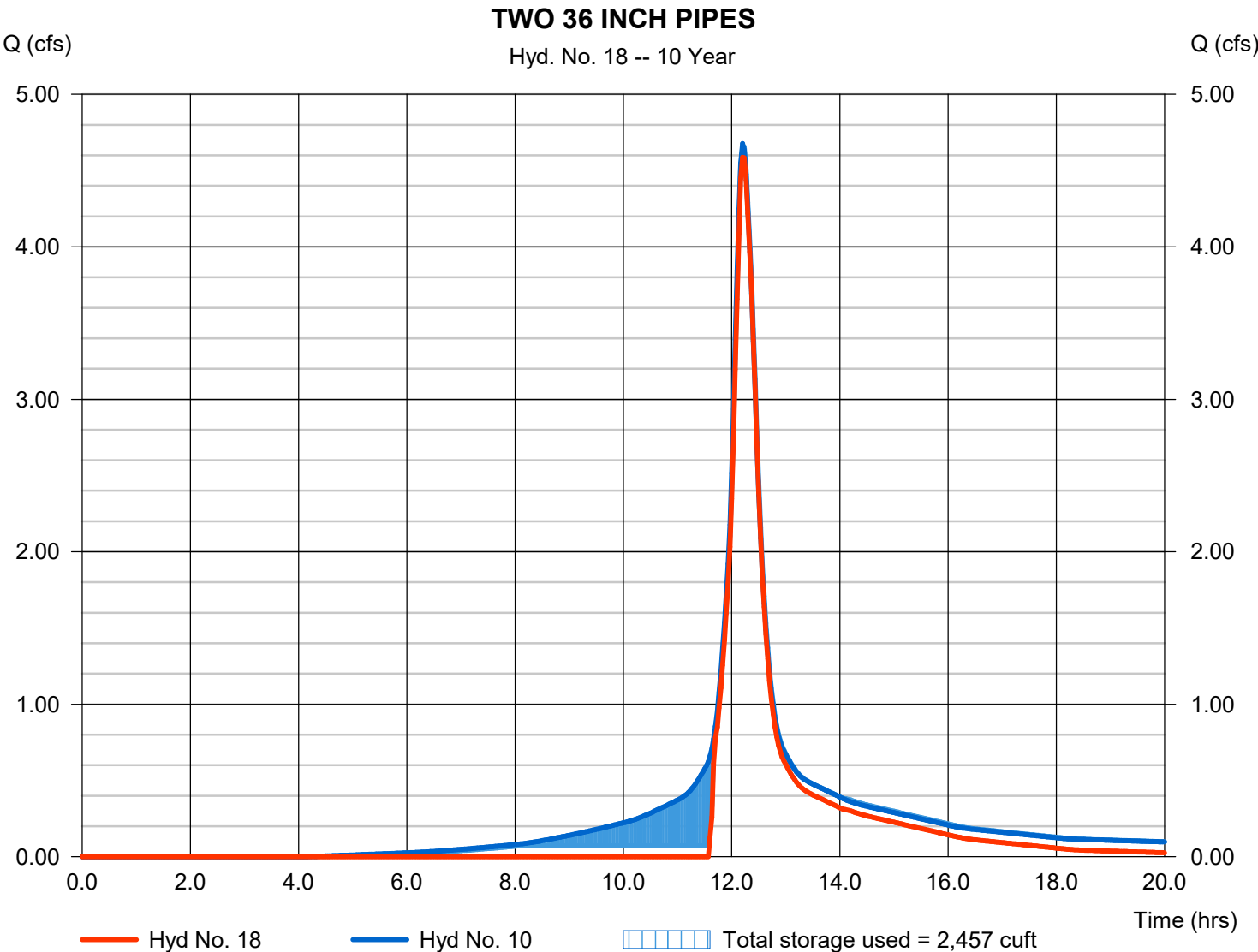
Hydrograph Report

Hyd. No. 18

TWO 36 INCH PIPES

Hydrograph type	= Reservoir	Peak discharge	= 4.587 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.20 hrs
Time interval	= 2 min	Hyd. volume	= 14,622 cuft
Inflow hyd. No.	= 10 - EX WS-02I	Max. Elevation	= 135.72 ft
Reservoir name	= TWIN 36IN	Max. Storage	= 2,457 cuft

Storage Indication method used. Exfiltration extracted from Outflow.

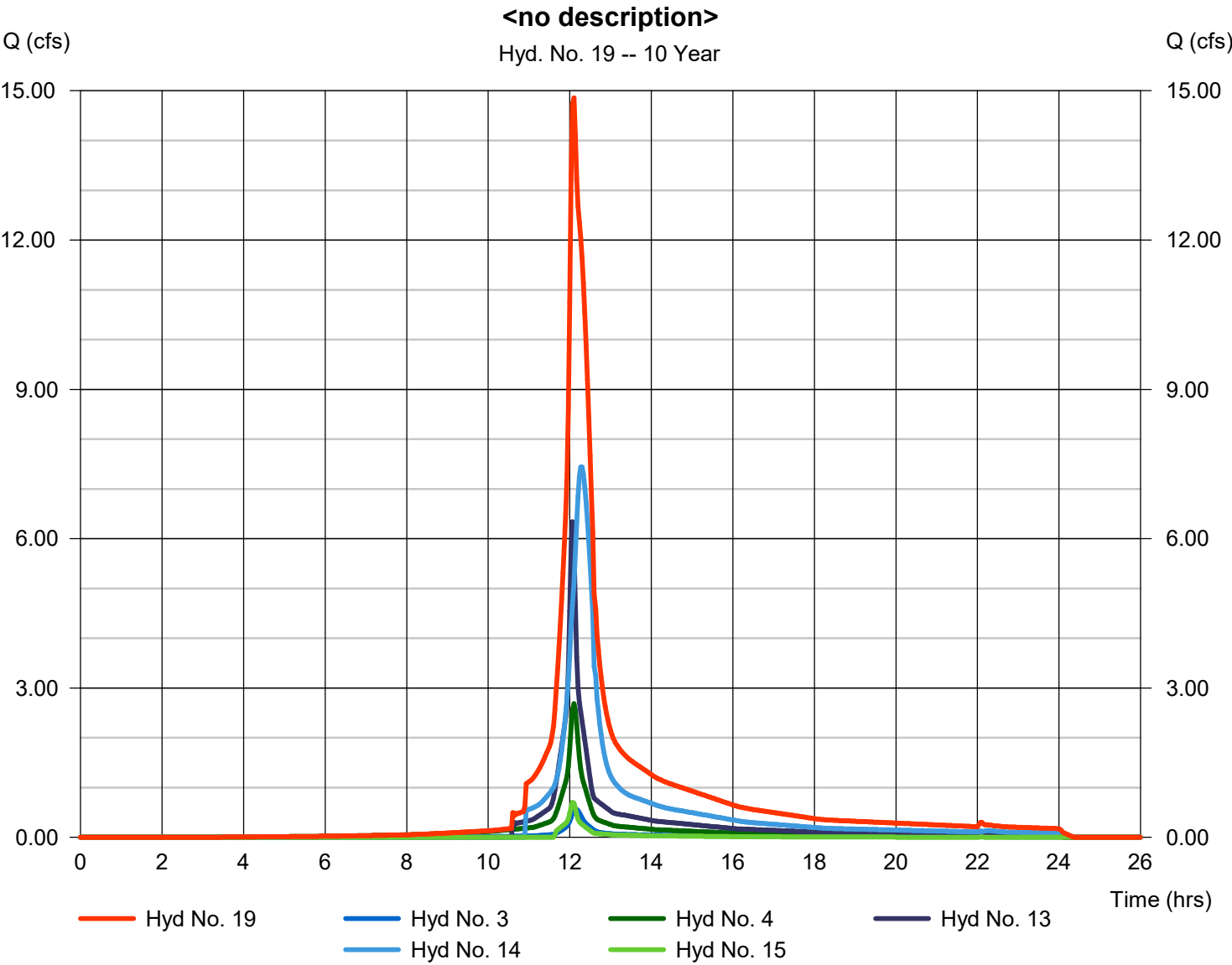


Hydrograph Report

Hyd. No. 19

<no description>

Hydrograph type	= Combine	Peak discharge	= 14.85 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.10 hrs
Time interval	= 2 min	Hyd. volume	= 62,831 cuft
Inflow hyds.	= 3, 4, 13, 14, 15	Contrib. drain. area	= 0.776 ac



Hydrograph Report

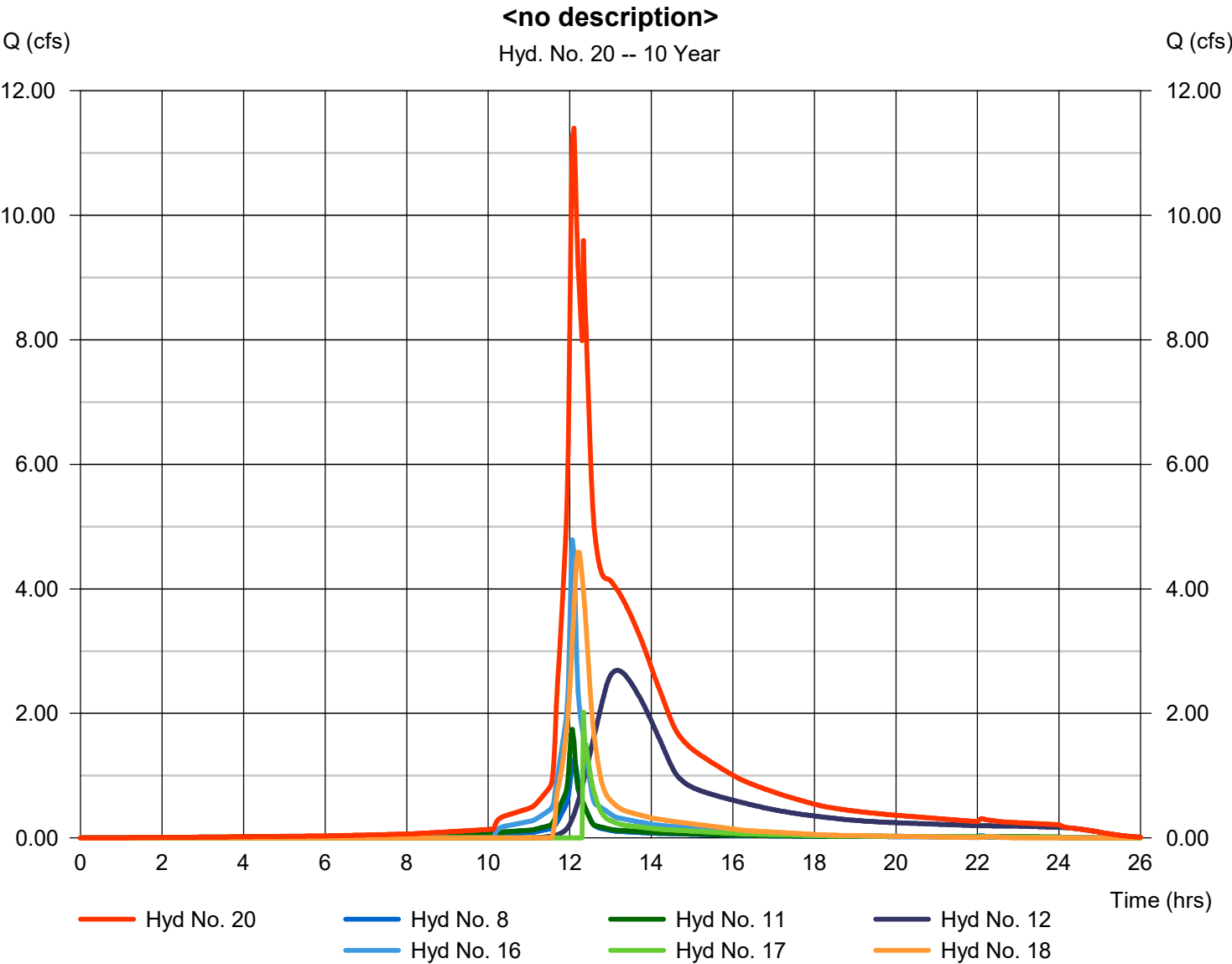
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 20

<no description>

Hydrograph type	= Combine	Peak discharge	= 11.40 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.10 hrs
Time interval	= 2 min	Hyd. volume	= 71,269 cuft
Inflow hyds.	= 8, 11, 12, 16, 17, 18	Contrib. drain. area	= 5.532 ac

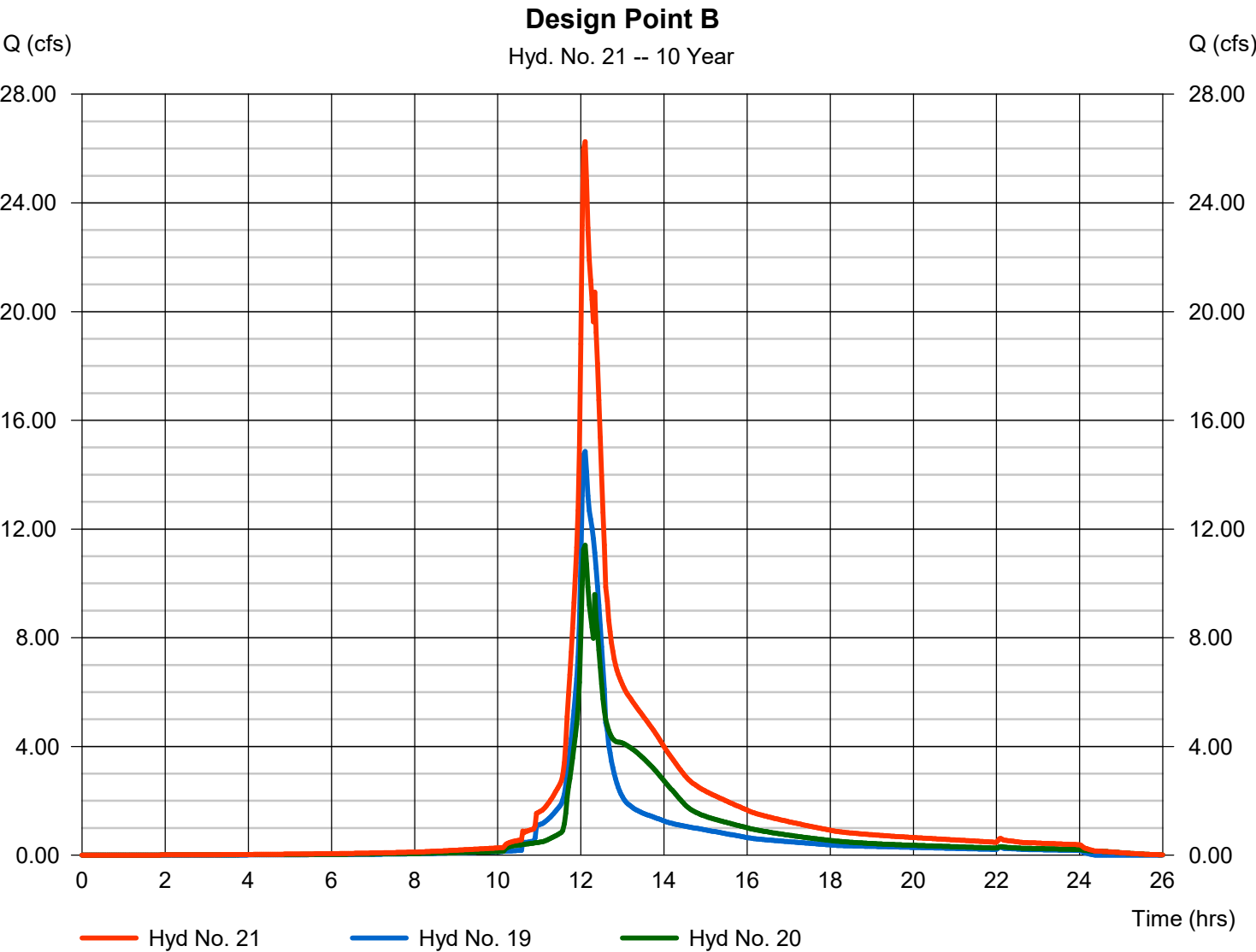


Hydrograph Report

Hyd. No. 21

Design Point B

Hydrograph type	= Combine	Peak discharge	= 26.25 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.10 hrs
Time interval	= 2 min	Hyd. volume	= 134,100 cuft
Inflow hyds.	= 19, 20	Contrib. drain. area	= 0.000 ac

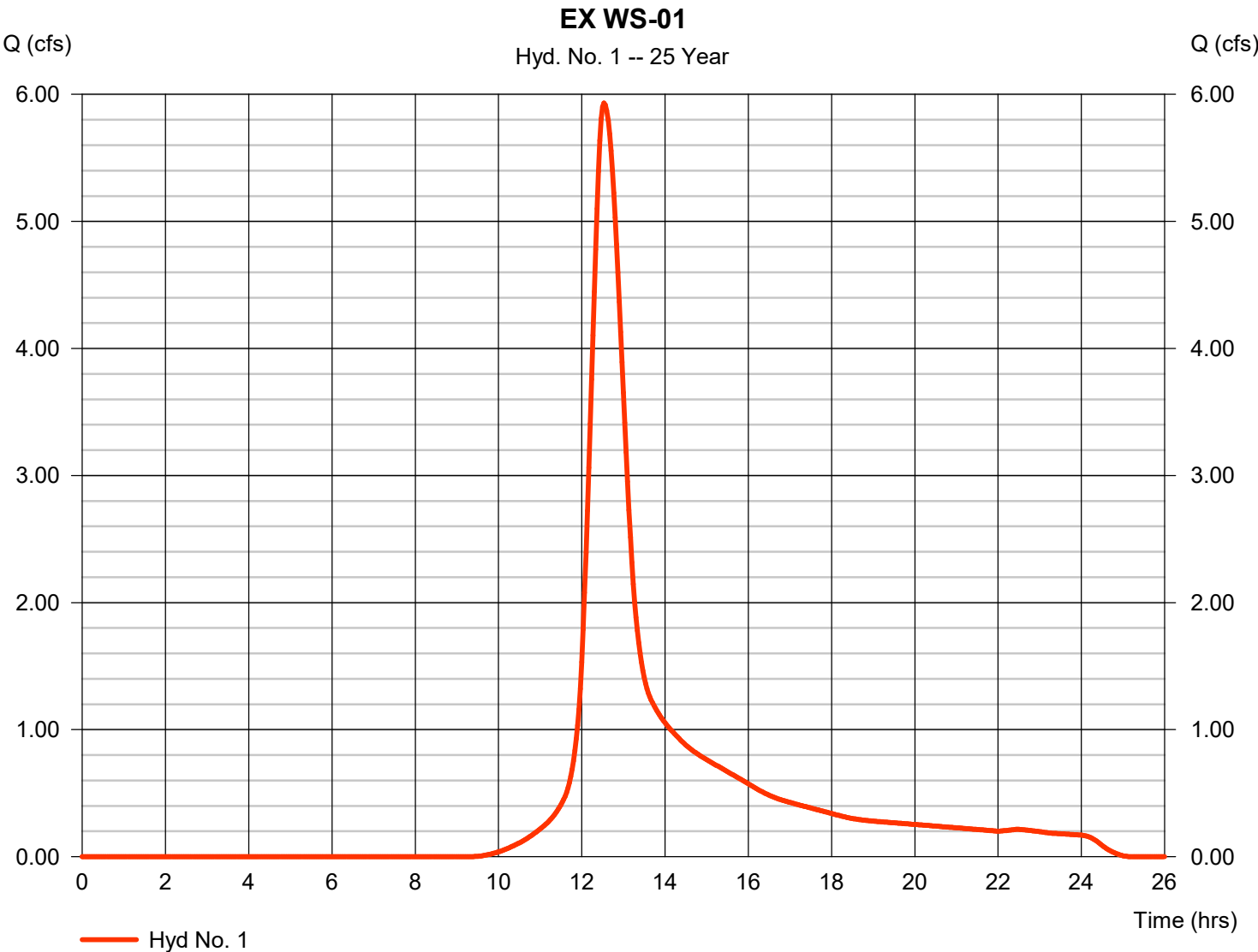


Hydrograph Report

Hyd. No. 1

EX WS-01

Hydrograph type	= SCS Runoff	Peak discharge	= 5.932 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.53 hrs
Time interval	= 2 min	Hyd. volume	= 38,948 cuft
Drainage area	= 3.677 ac	Curve number	= 67
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 45.70 min
Total precip.	= 6.54 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

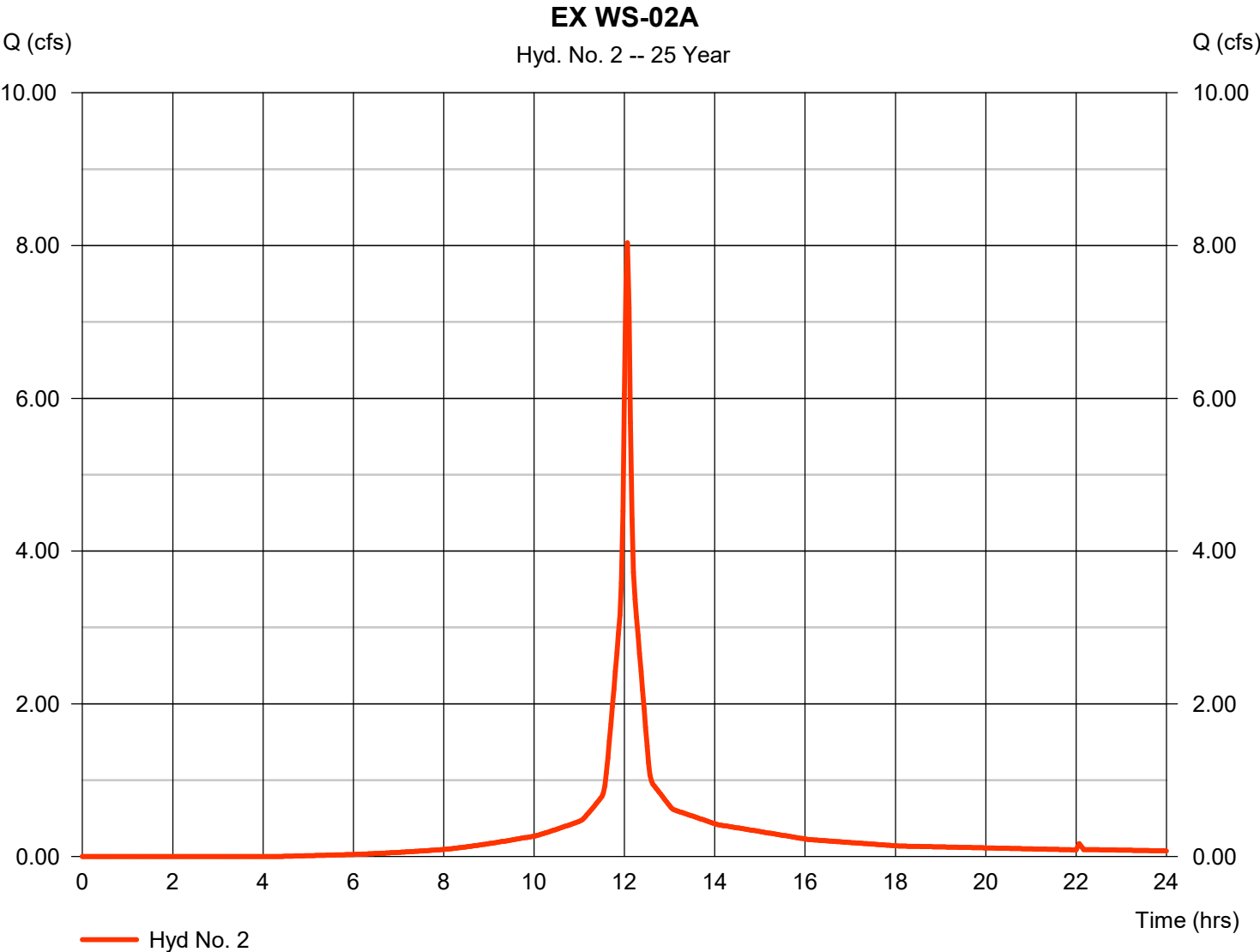
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 2

EX WS-02A

Hydrograph type	= SCS Runoff	Peak discharge	= 8.035 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 24,968 cuft
Drainage area	= 1.457 ac	Curve number	= 87
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 6.54 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

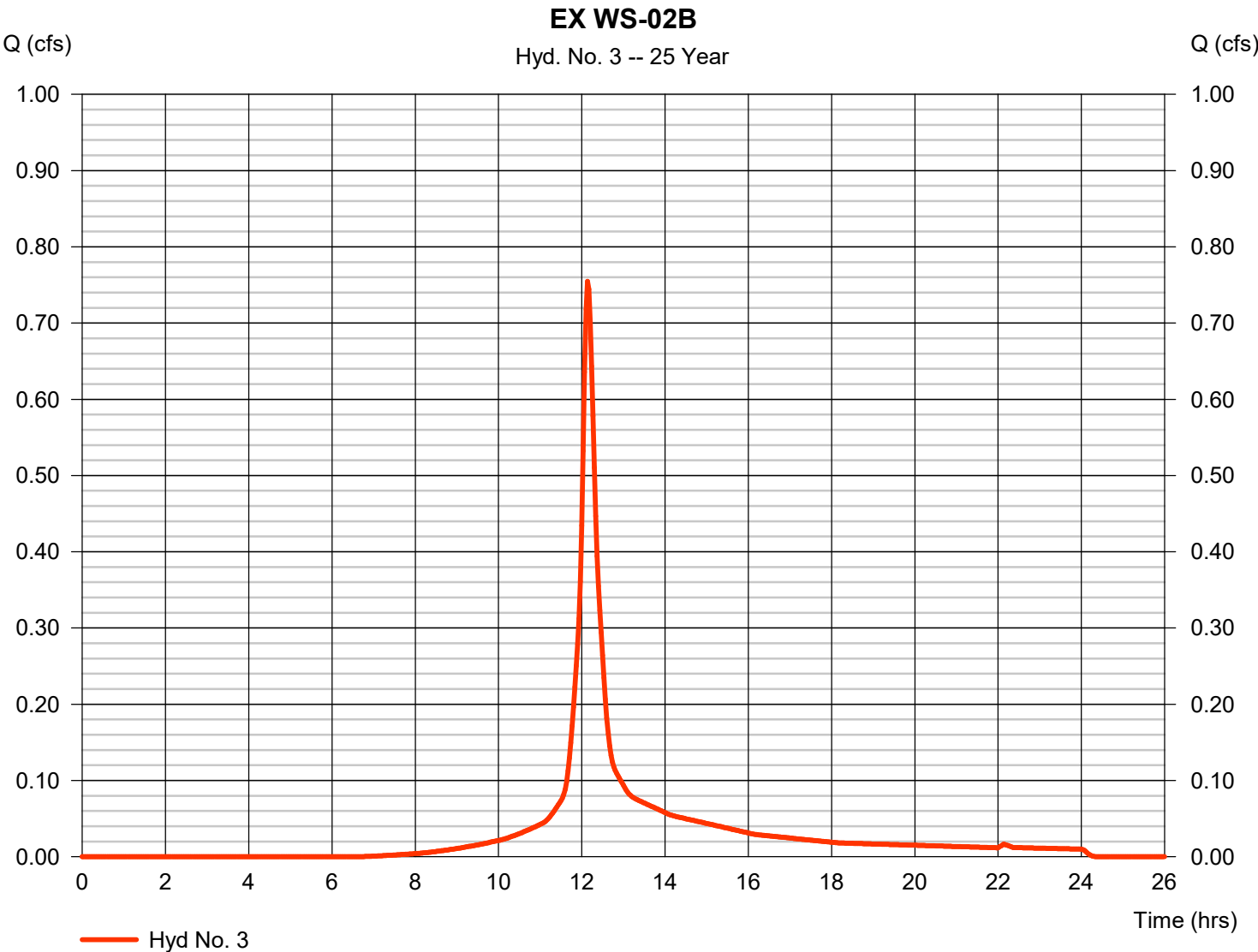
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 3

EX WS-02B

Hydrograph type	= SCS Runoff	Peak discharge	= 0.755 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.13 hrs
Time interval	= 2 min	Hyd. volume	= 2,900 cuft
Drainage area	= 0.186 ac	Curve number	= 79
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 11.00 min
Total precip.	= 6.54 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

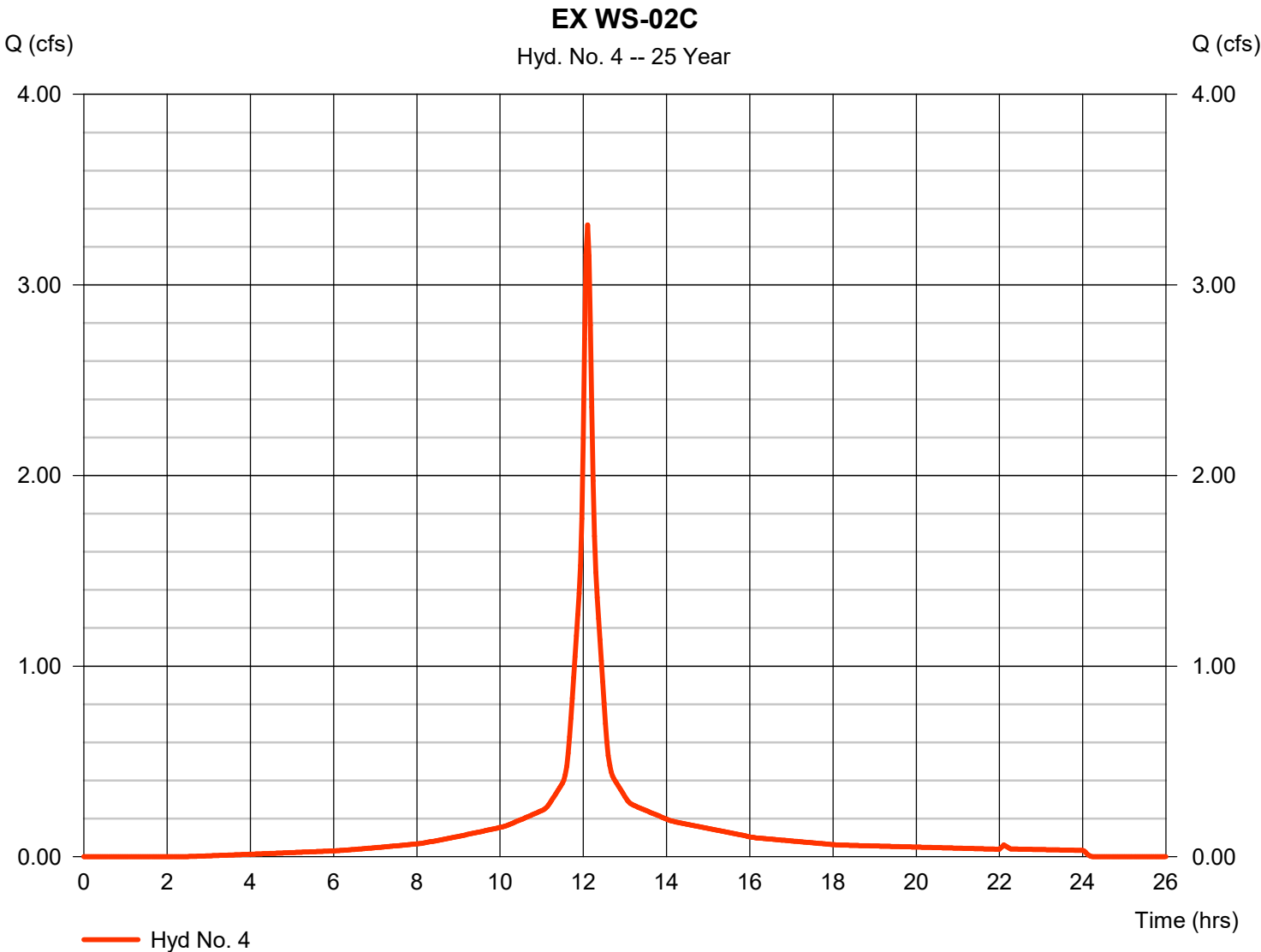
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 4

EX WS-02C

Hydrograph type	= SCS Runoff	Peak discharge	= 3.315 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.10 hrs
Time interval	= 2 min	Hyd. volume	= 12,242 cuft
Drainage area	= 0.590 ac	Curve number	= 93
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 9.40 min
Total precip.	= 6.54 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

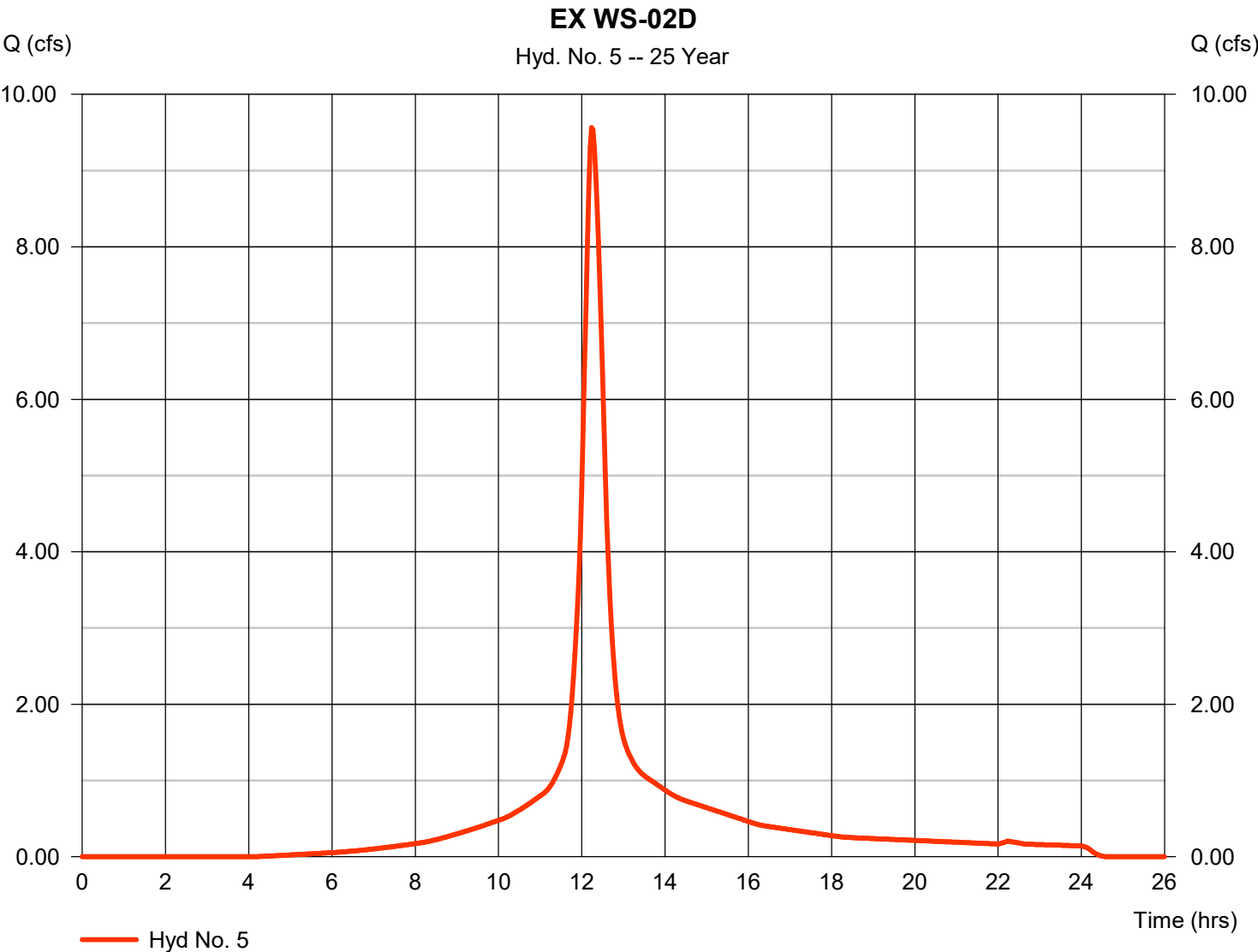
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 5

EX WS-02D

Hydrograph type	= SCS Runoff	Peak discharge	= 9.563 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.23 hrs
Time interval	= 2 min	Hyd. volume	= 46,823 cuft
Drainage area	= 2.462 ac	Curve number	= 88
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 22.10 min
Total precip.	= 6.54 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

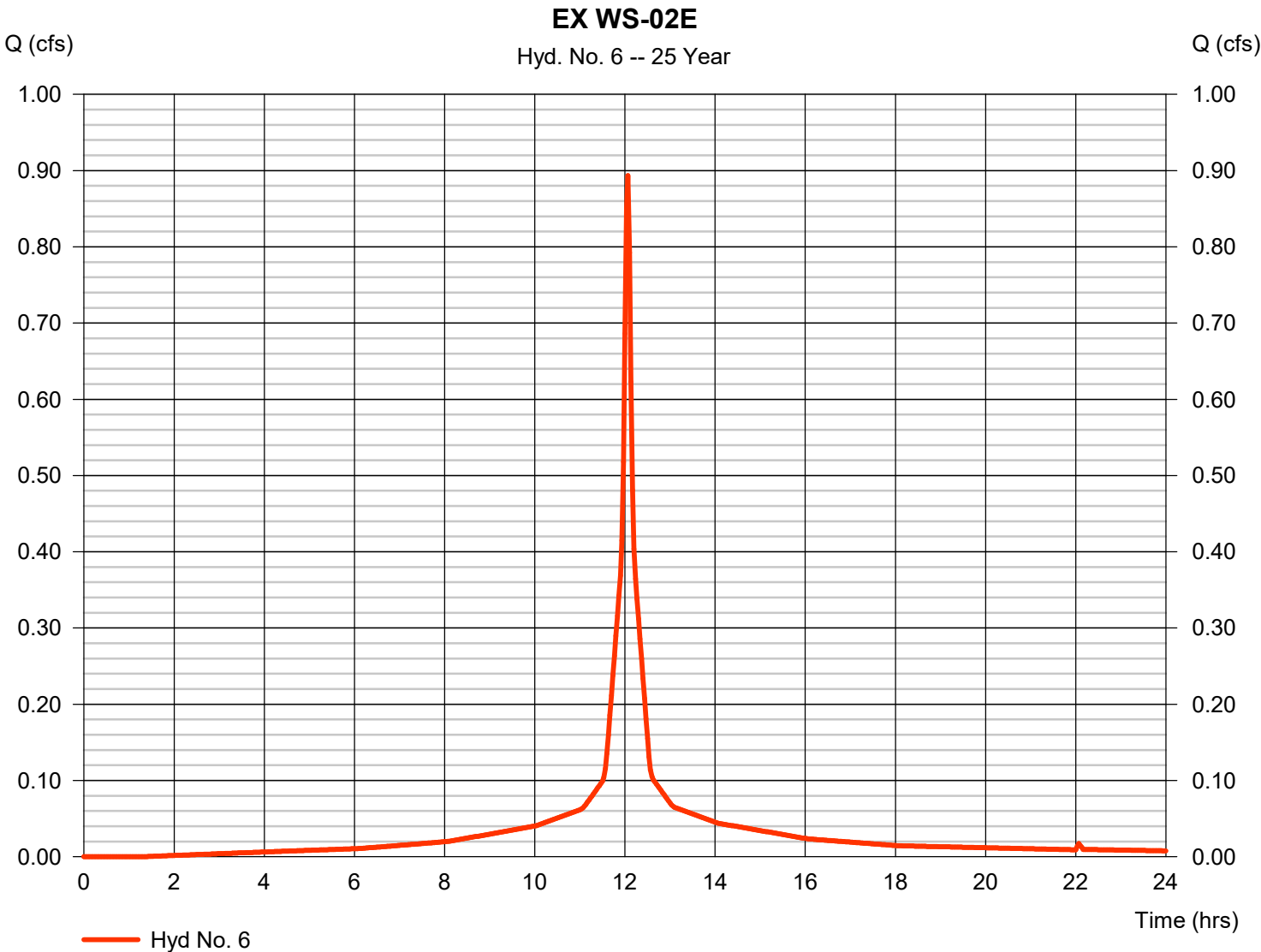
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 6

EX WS-02E

Hydrograph type	= SCS Runoff	Peak discharge	= 0.894 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 3,014 cuft
Drainage area	= 0.146 ac	Curve number	= 96
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 6.54 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

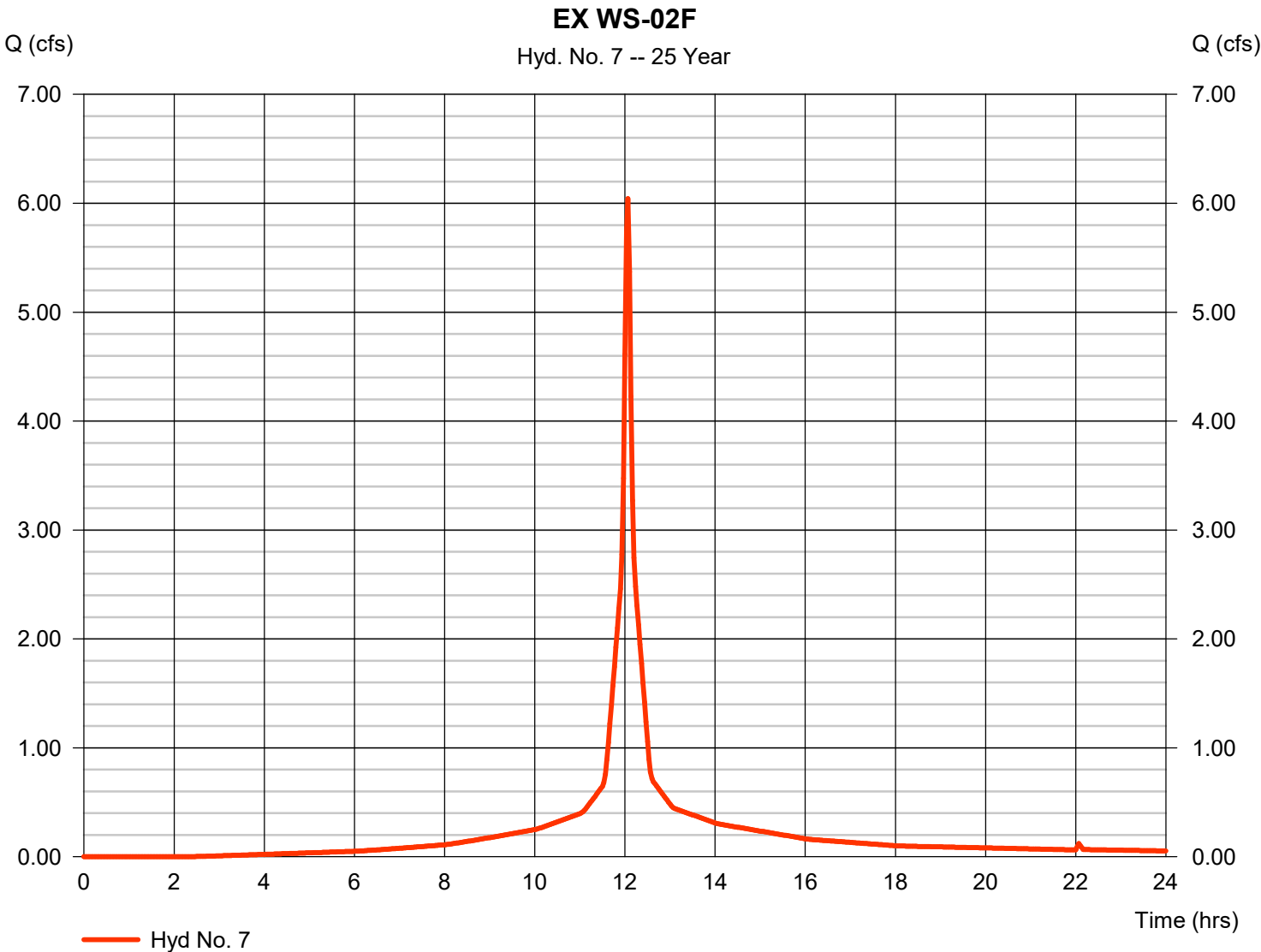
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 7

EX WS-02F

Hydrograph type	= SCS Runoff	Peak discharge	= 6.042 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 19,686 cuft
Drainage area	= 1.012 ac	Curve number	= 93
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.50 min
Total precip.	= 6.54 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

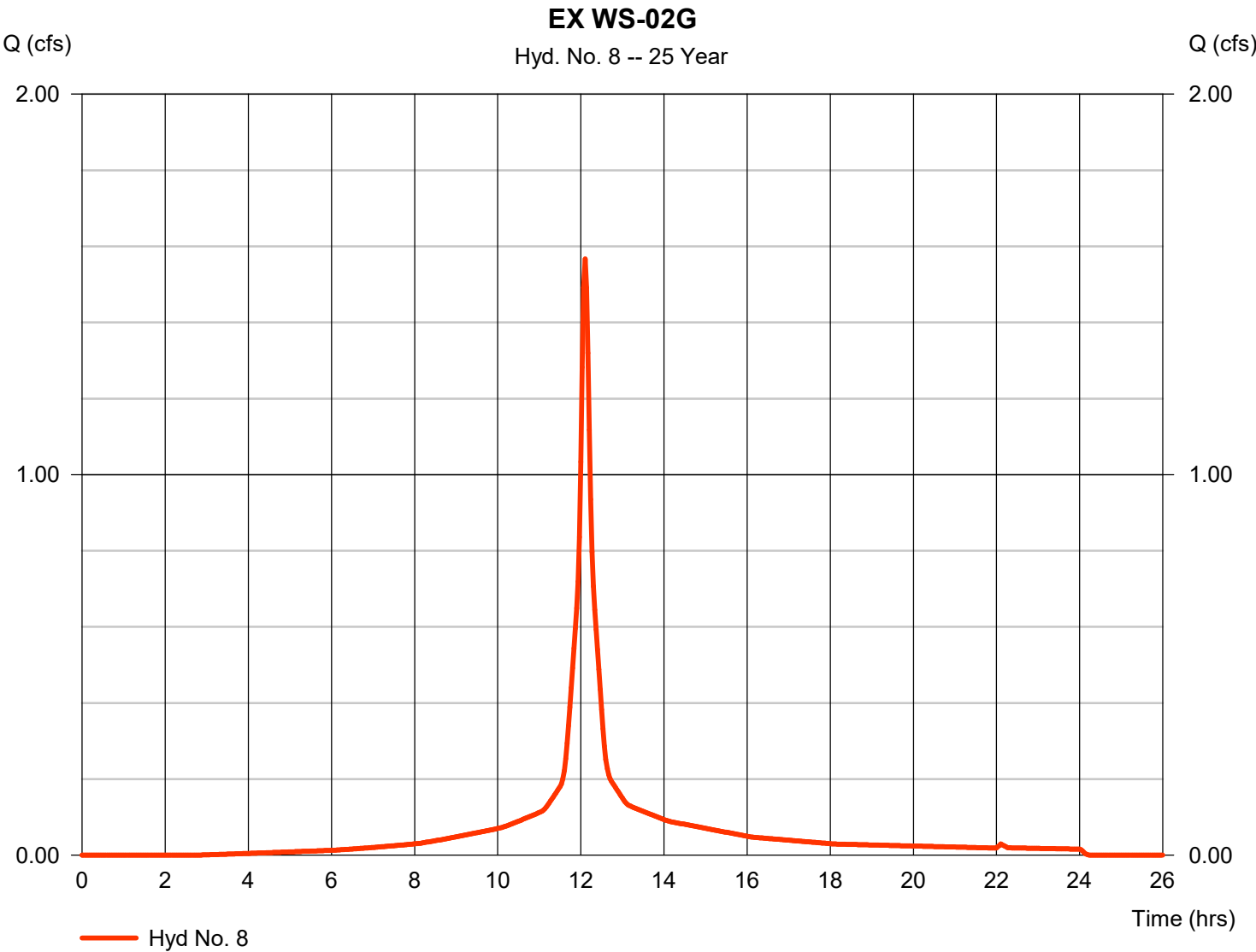
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 8

EX WS-02G

Hydrograph type	= SCS Runoff	Peak discharge	= 1.567 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.10 hrs
Time interval	= 2 min	Hyd. volume	= 5,734 cuft
Drainage area	= 0.282 ac	Curve number	= 92
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 6.90 min
Total precip.	= 6.54 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

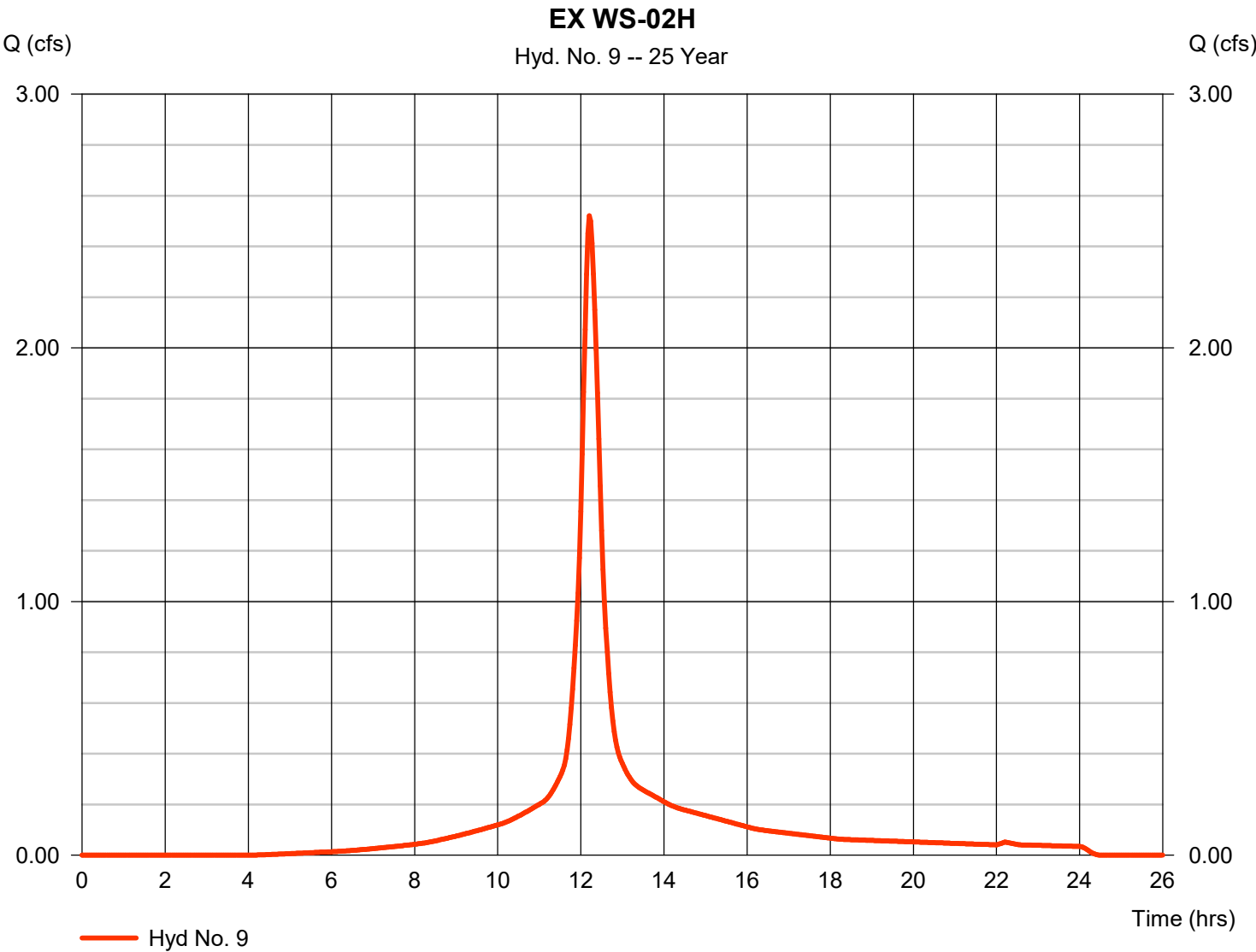


Hydrograph Report

Hyd. No. 9

EX WS-02H

Hydrograph type	= SCS Runoff	Peak discharge	= 2.521 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.20 hrs
Time interval	= 2 min	Hyd. volume	= 11,510 cuft
Drainage area	= 0.616 ac	Curve number	= 88
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 17.30 min
Total precip.	= 6.54 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

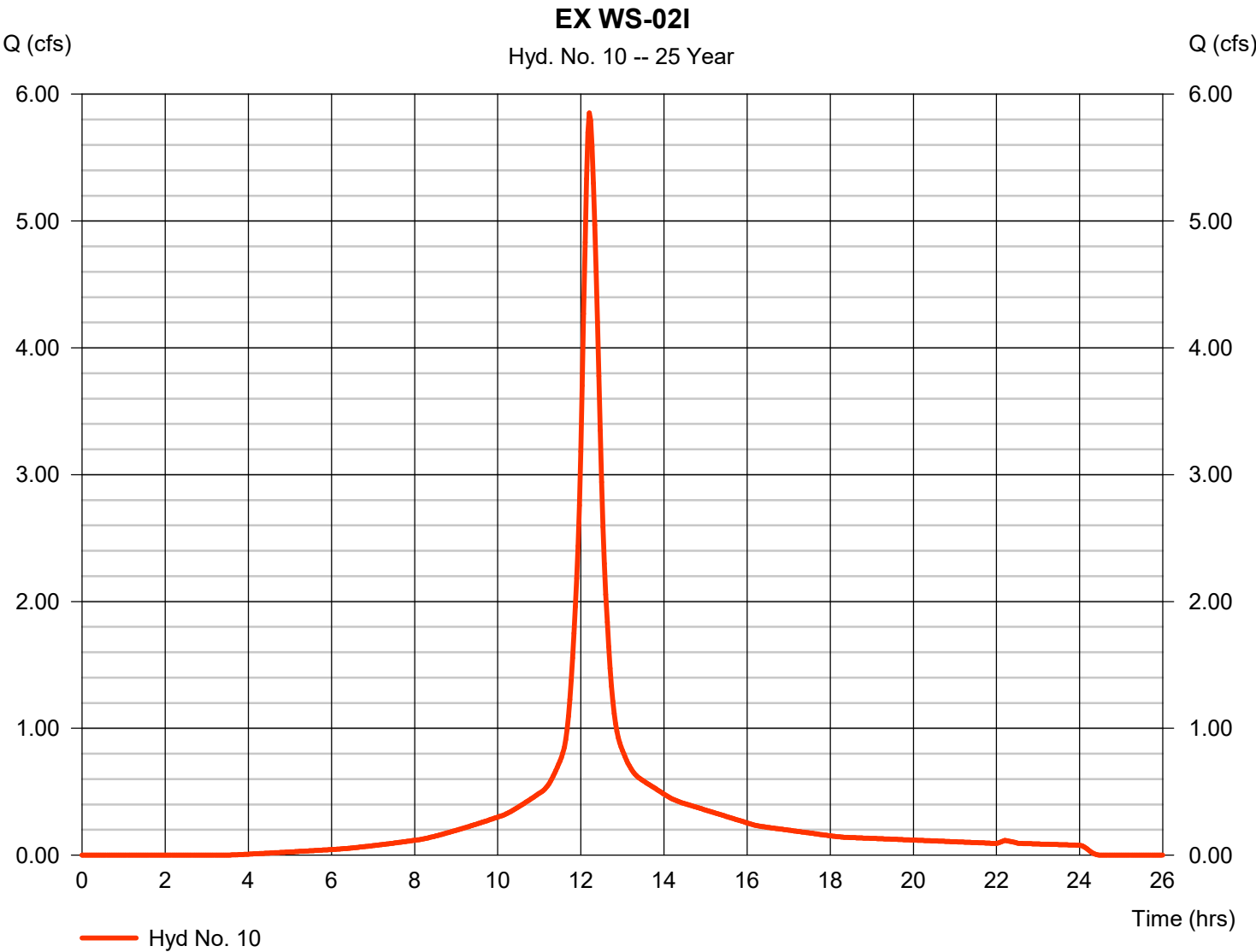
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 10

EX WS-02I

Hydrograph type	= SCS Runoff	Peak discharge	= 5.852 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.20 hrs
Time interval	= 2 min	Hyd. volume	= 27,051 cuft
Drainage area	= 1.387 ac	Curve number	= 90
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 18.60 min
Total precip.	= 6.54 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

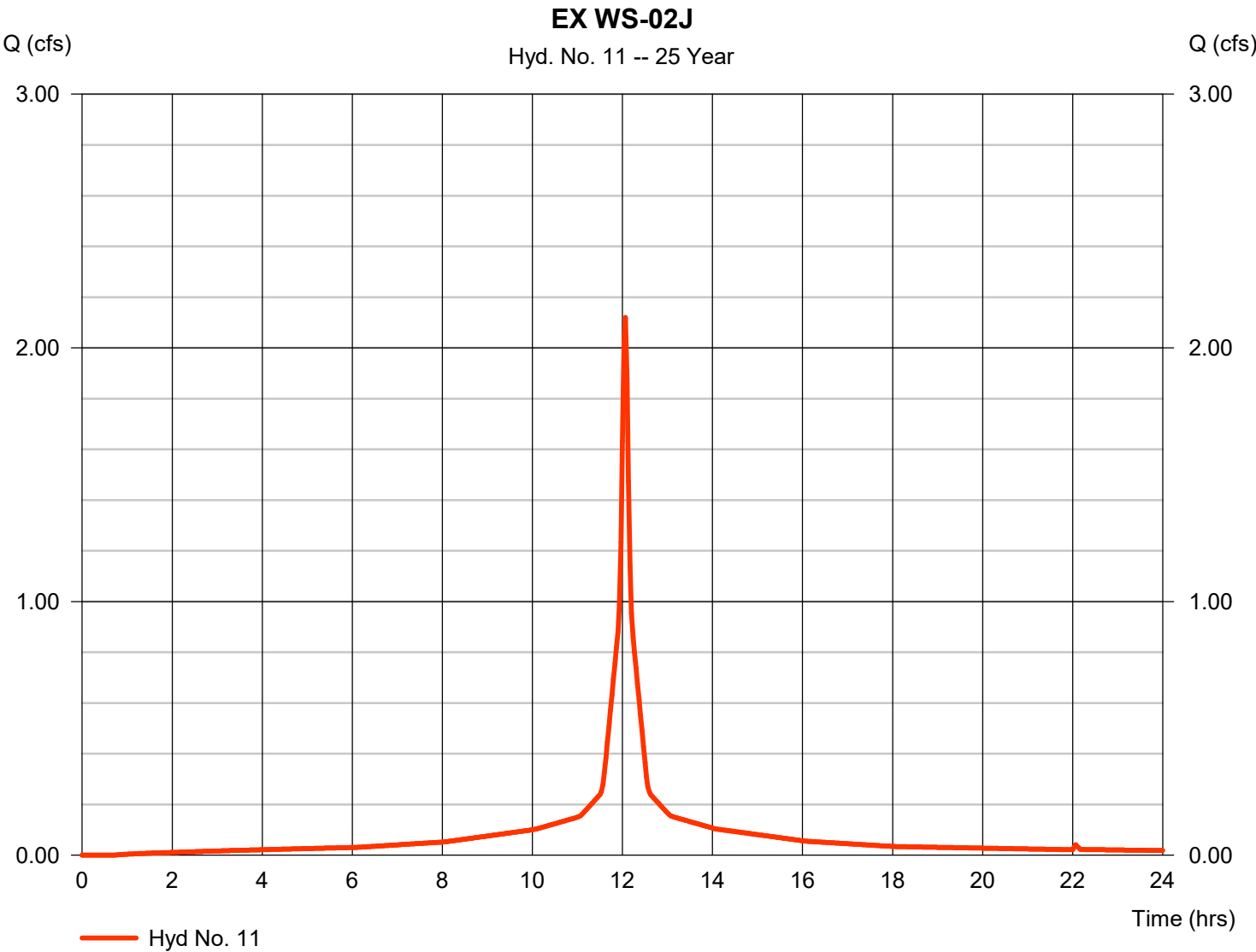


Hydrograph Report

Hyd. No. 11

EX WS-02J

Hydrograph type	= SCS Runoff	Peak discharge	= 2.120 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 7,355 cuft
Drainage area	= 0.343 ac	Curve number	= 98
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 6.54 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

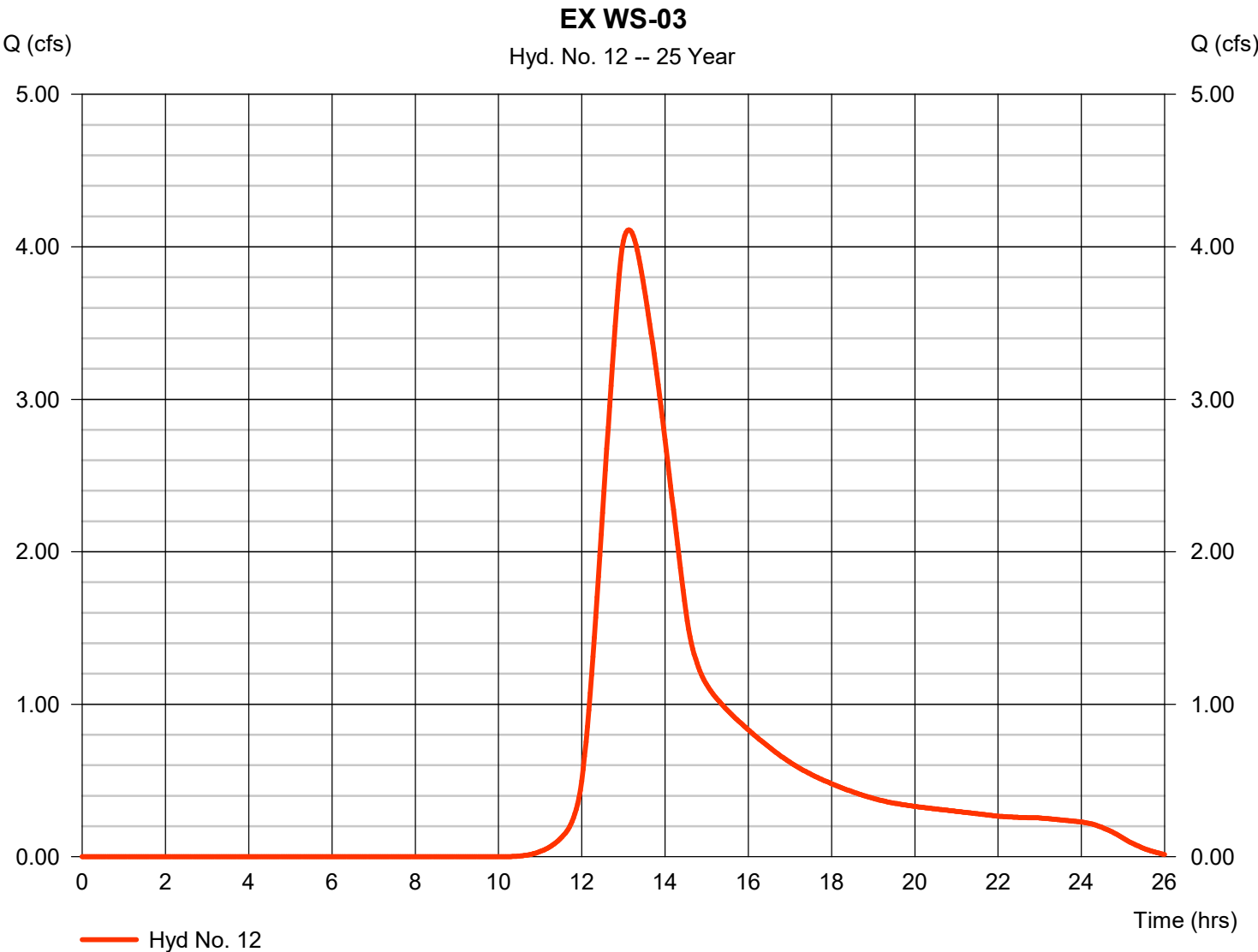


Hydrograph Report

Hyd. No. 12

EX WS-03

Hydrograph type	= SCS Runoff	Peak discharge	= 4.111 cfs
Storm frequency	= 25 yrs	Time to peak	= 13.13 hrs
Time interval	= 2 min	Hyd. volume	= 43,770 cuft
Drainage area	= 4.907 ac	Curve number	= 62
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 95.00 min
Total precip.	= 6.54 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

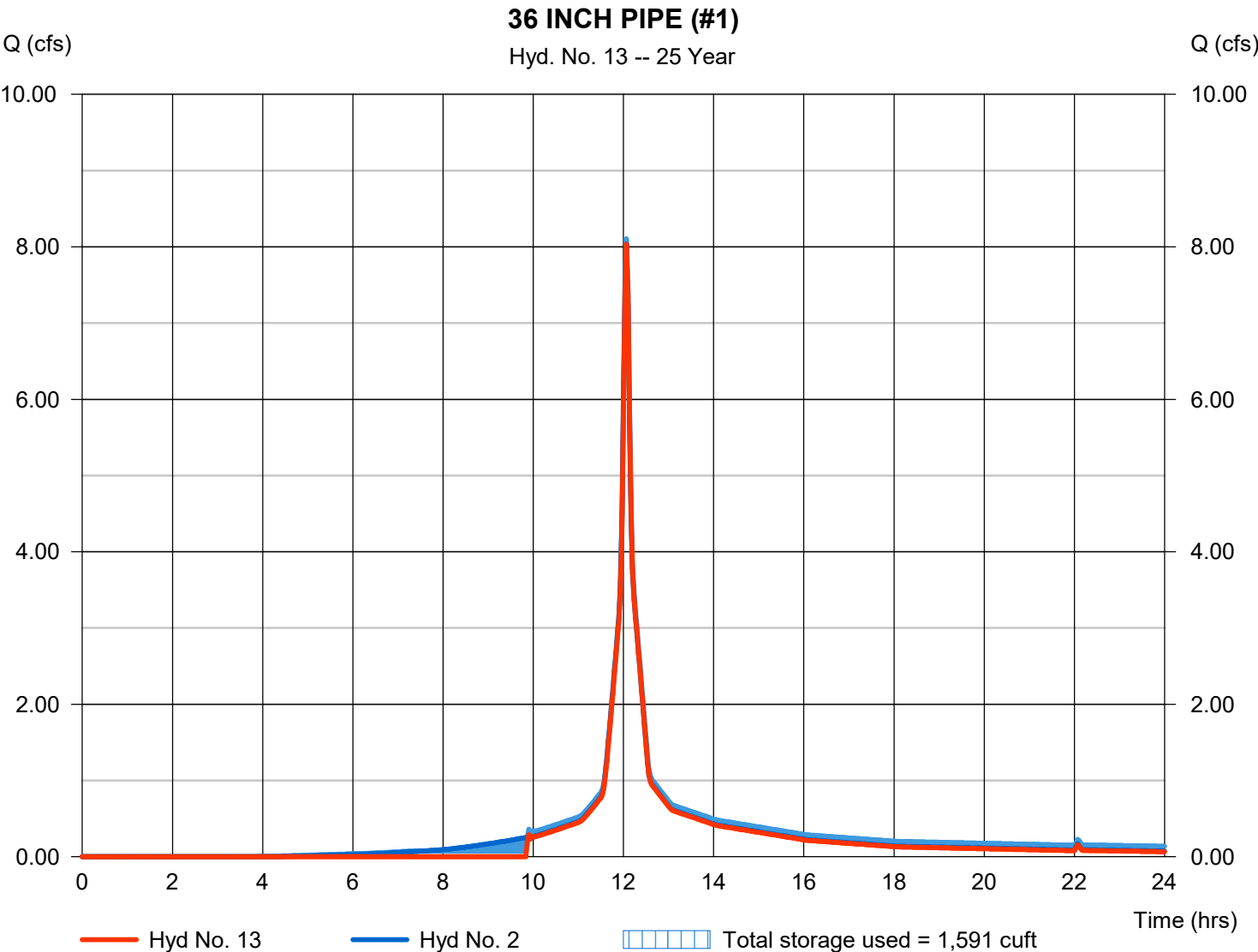
Thursday, 04 / 4 / 2024

Hyd. No. 13

36 INCH PIPE (#1)

Hydrograph type	= Reservoir	Peak discharge	= 8.034 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 22,921 cuft
Inflow hyd. No.	= 2 - EX WS-02A	Max. Elevation	= 143.74 ft
Reservoir name	= 36IN - 1	Max. Storage	= 1,591 cuft

Storage Indication method used. Exfiltration extracted from Outflow.



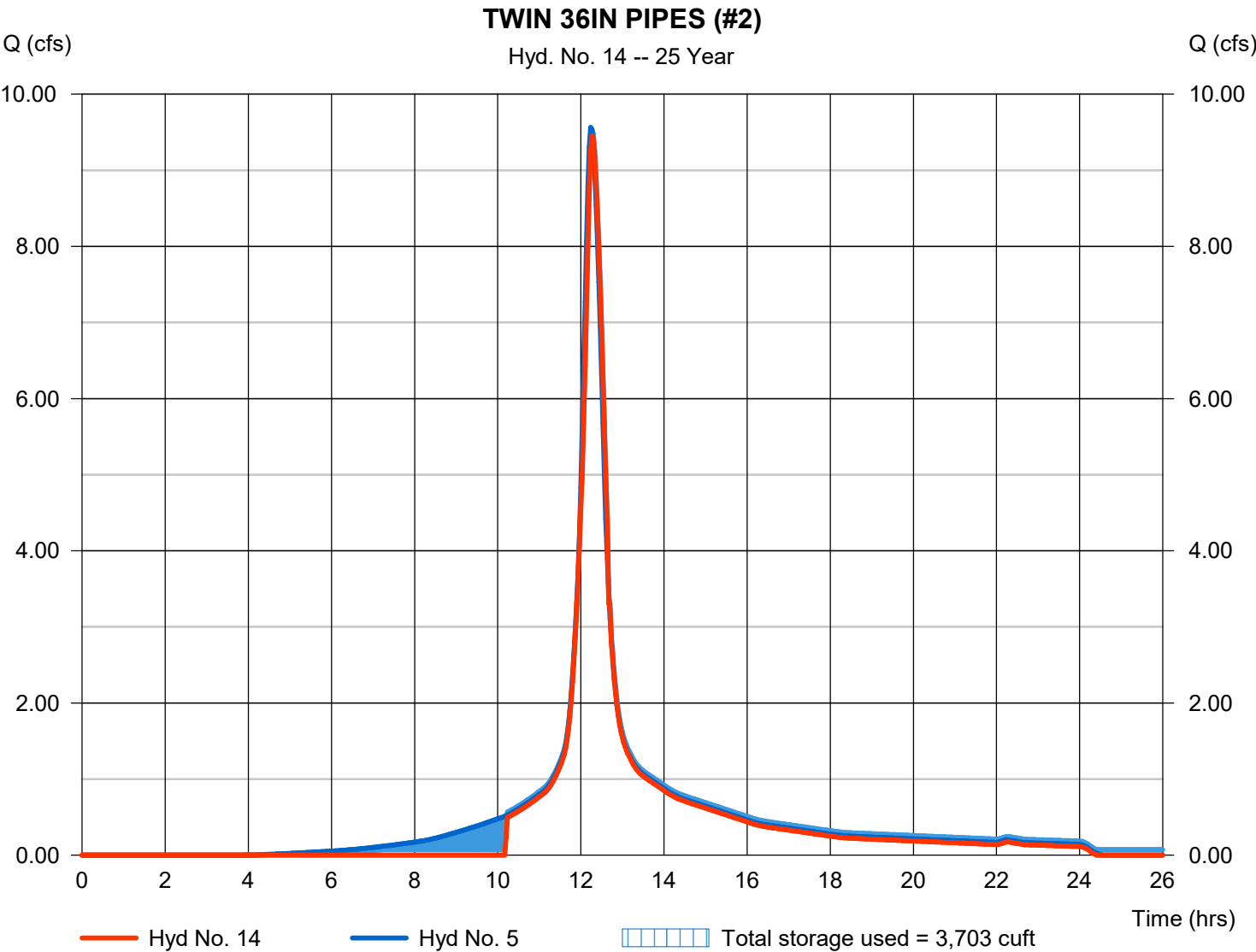
Hydrograph Report

Hyd. No. 14

TWIN 36IN PIPES (#2)

Hydrograph type	= Reservoir	Peak discharge	= 9.452 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.27 hrs
Time interval	= 2 min	Hyd. volume	= 41,926 cuft
Inflow hyd. No.	= 5 - EX WS-02D	Max. Elevation	= 139.13 ft
Reservoir name	= Northern Twin 36IN	Max. Storage	= 3,703 cuft

Storage Indication method used. Exfiltration extracted from Outflow.



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

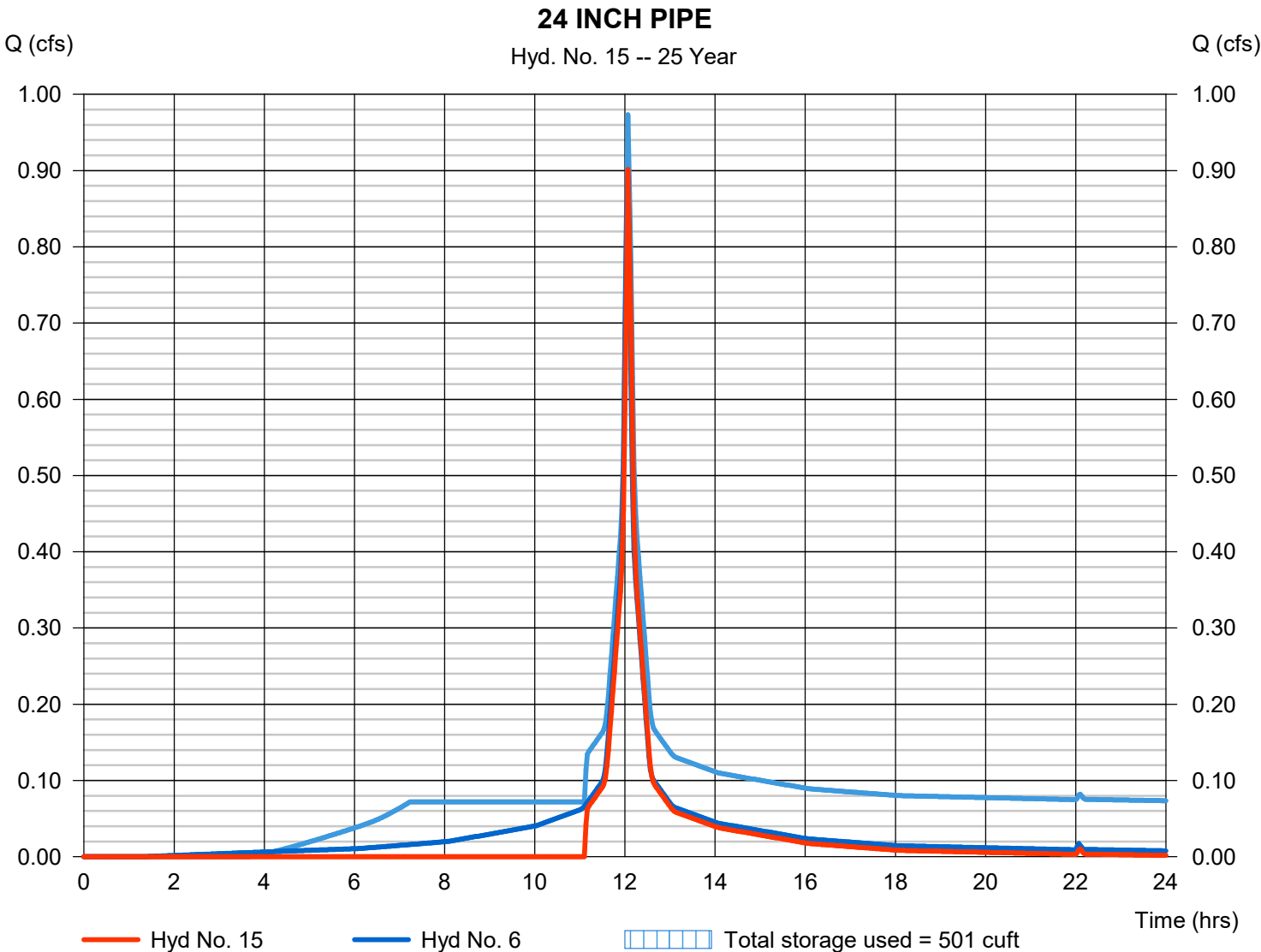
Thursday, 04 / 4 / 2024

Hyd. No. 15

24 INCH PIPE

Hydrograph type	= Reservoir	Peak discharge	= 0.901 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 2,112 cuft
Inflow hyd. No.	= 6 - EX WS-02E	Max. Elevation	= 139.64 ft
Reservoir name	= 24IN	Max. Storage	= 501 cuft

Storage Indication method used. Exfiltration extracted from Outflow.



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

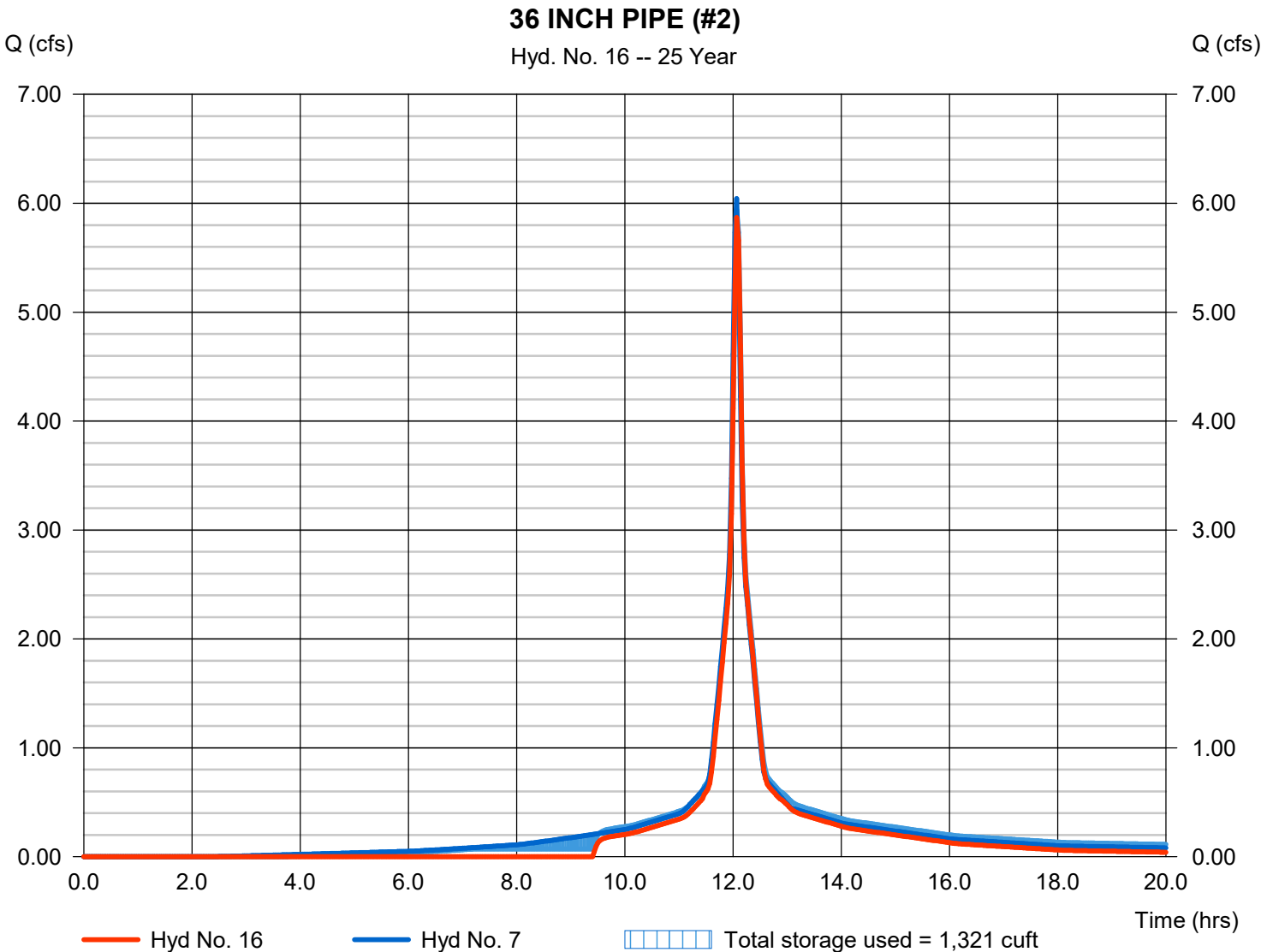
Thursday, 04 / 4 / 2024

Hyd. No. 16

36 INCH PIPE (#2)

Hydrograph type	= Reservoir	Peak discharge	= 5.869 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 15,877 cuft
Inflow hyd. No.	= 7 - EX WS-02F	Max. Elevation	= 139.50 ft
Reservoir name	= 36in - 2	Max. Storage	= 1,321 cuft

Storage Indication method used. Exfiltration extracted from Outflow.



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

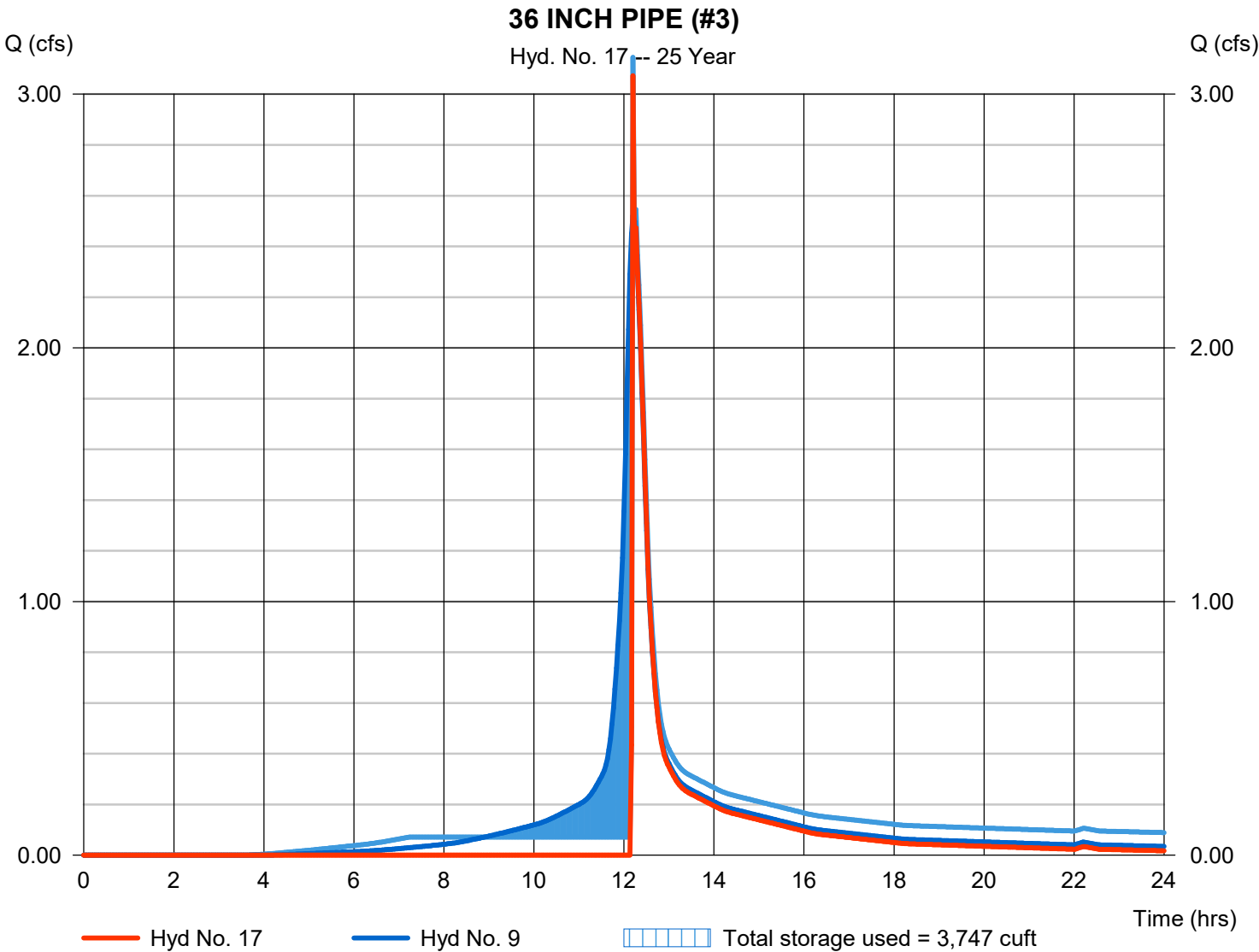
Thursday, 04 / 4 / 2024

Hyd. No. 17

36 INCH PIPE (#3)

Hydrograph type	= Reservoir	Peak discharge	= 3.073 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.20 hrs
Time interval	= 2 min	Hyd. volume	= 6,695 cuft
Inflow hyd. No.	= 9 - EX WS-02H	Max. Elevation	= 137.50 ft
Reservoir name	= 36in - 3	Max. Storage	= 3,747 cuft

Storage Indication method used. Exfiltration extracted from Outflow.



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

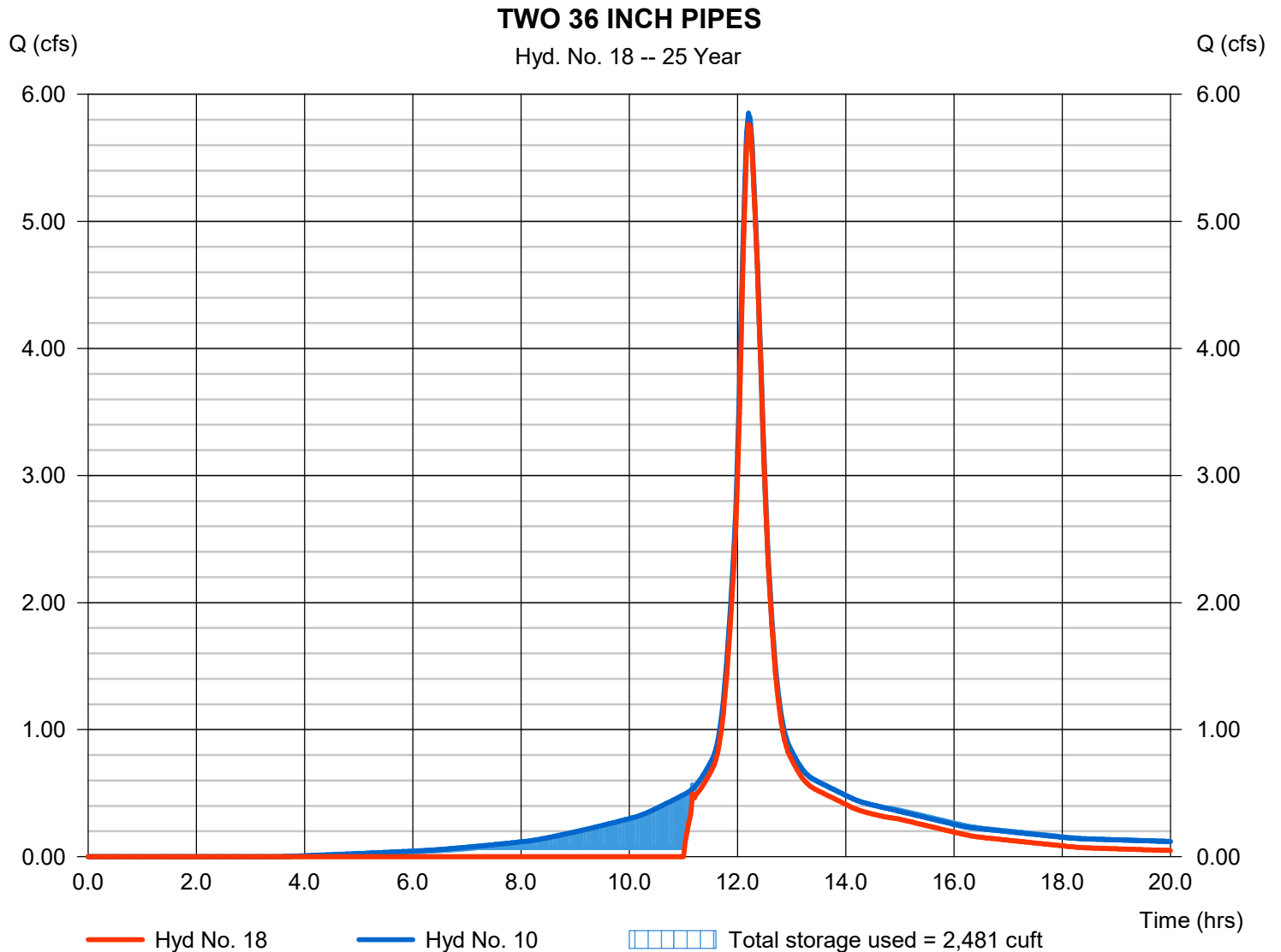
Thursday, 04 / 4 / 2024

Hyd. No. 18

TWO 36 INCH PIPES

Hydrograph type	= Reservoir	Peak discharge	= 5.764 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.20 hrs
Time interval	= 2 min	Hyd. volume	= 20,064 cuft
Inflow hyd. No.	= 10 - EX WS-02I	Max. Elevation	= 135.74 ft
Reservoir name	= TWIN 36IN	Max. Storage	= 2,481 cuft

Storage Indication method used. Exfiltration extracted from Outflow.

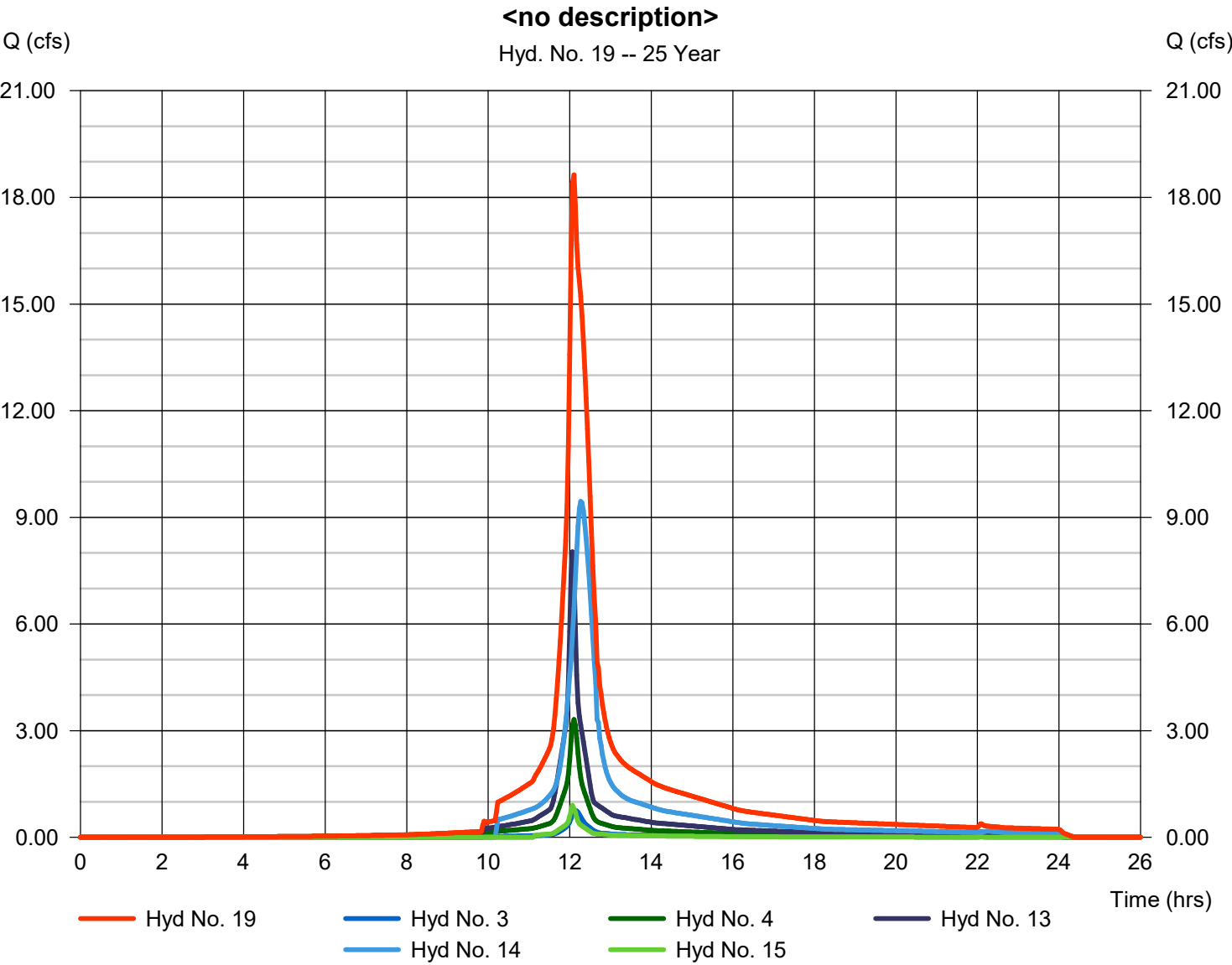


Hydrograph Report

Hyd. No. 19

<no description>

Hydrograph type	= Combine	Peak discharge	= 18.63 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.10 hrs
Time interval	= 2 min	Hyd. volume	= 82,102 cuft
Inflow hyds.	= 3, 4, 13, 14, 15	Contrib. drain. area	= 0.776 ac

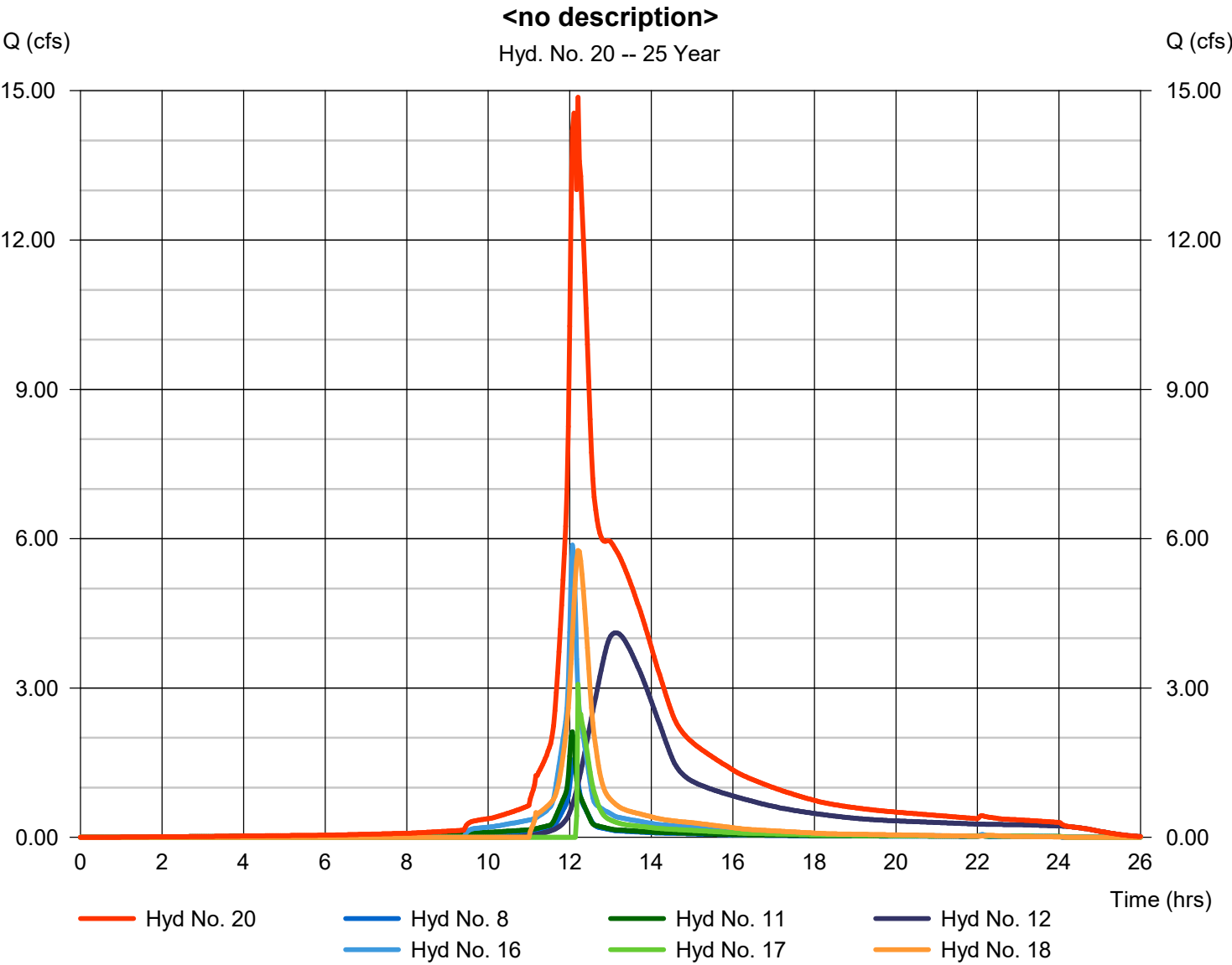


Hydrograph Report

Hyd. No. 20

<no description>

Hydrograph type	= Combine	Peak discharge	= 14.87 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.20 hrs
Time interval	= 2 min	Hyd. volume	= 99,494 cuft
Inflow hyds.	= 8, 11, 12, 16, 17, 18	Contrib. drain. area	= 5.532 ac



Hydrograph Report

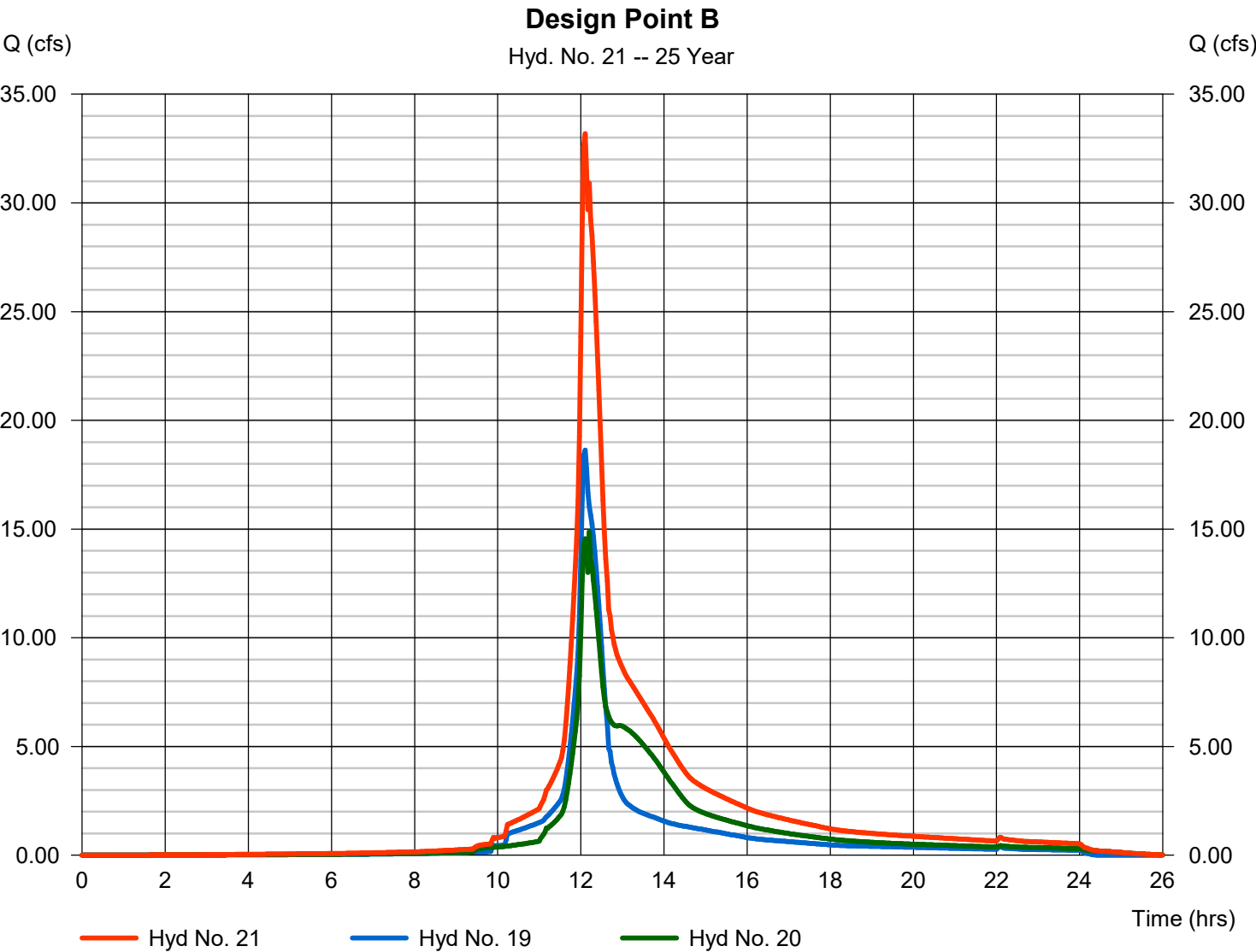
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 21

Design Point B

Hydrograph type	= Combine	Peak discharge	= 33.18 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.10 hrs
Time interval	= 2 min	Hyd. volume	= 181,596 cuft
Inflow hyds.	= 19, 20	Contrib. drain. area	= 0.000 ac

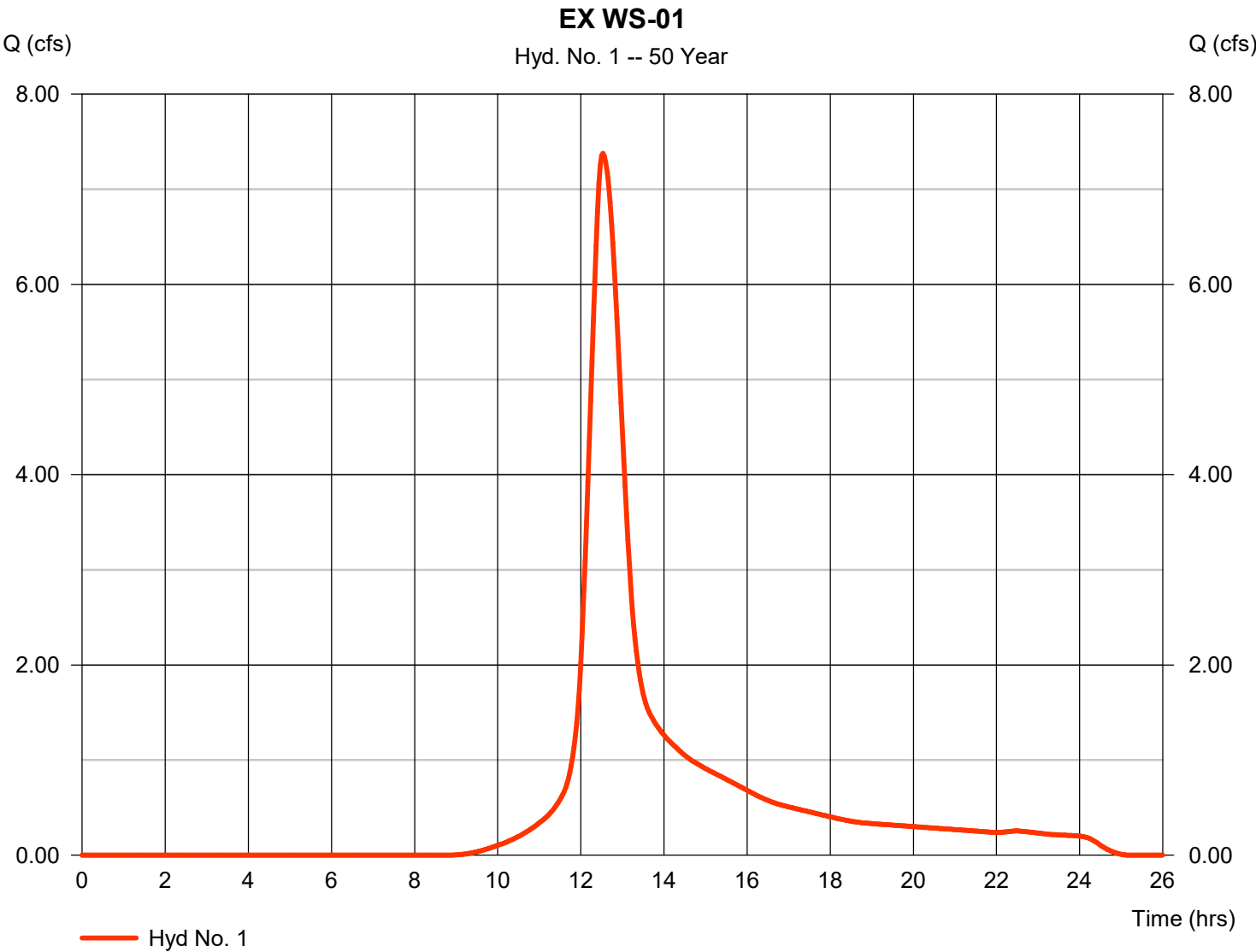


Hydrograph Report

Hyd. No. 1

EX WS-01

Hydrograph type	= SCS Runoff	Peak discharge	= 7.378 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.53 hrs
Time interval	= 2 min	Hyd. volume	= 48,110 cuft
Drainage area	= 3.677 ac	Curve number	= 67
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 45.70 min
Total precip.	= 7.41 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

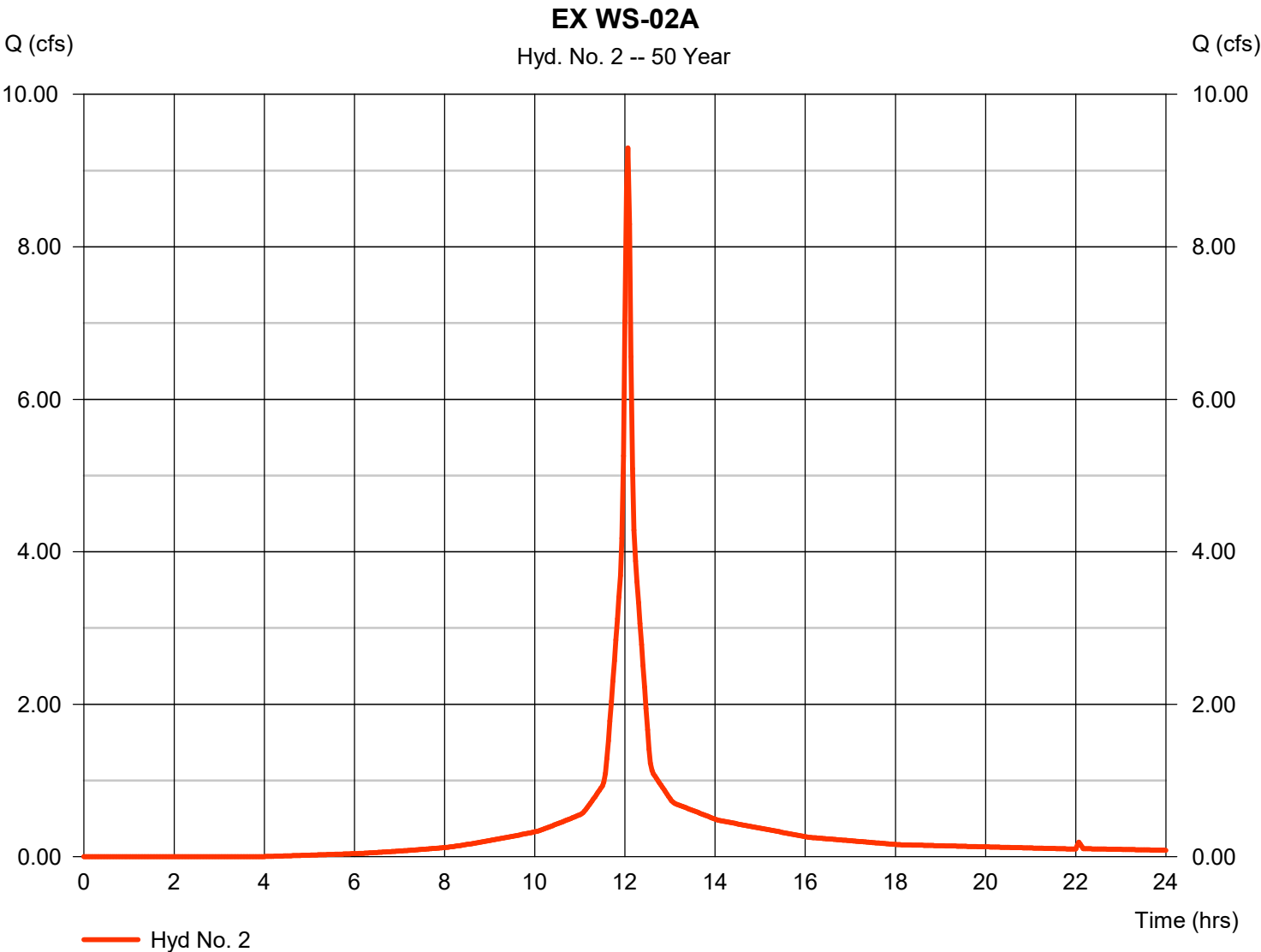
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 2

EX WS-02A

Hydrograph type	= SCS Runoff	Peak discharge	= 9.296 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 29,137 cuft
Drainage area	= 1.457 ac	Curve number	= 87
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 7.41 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

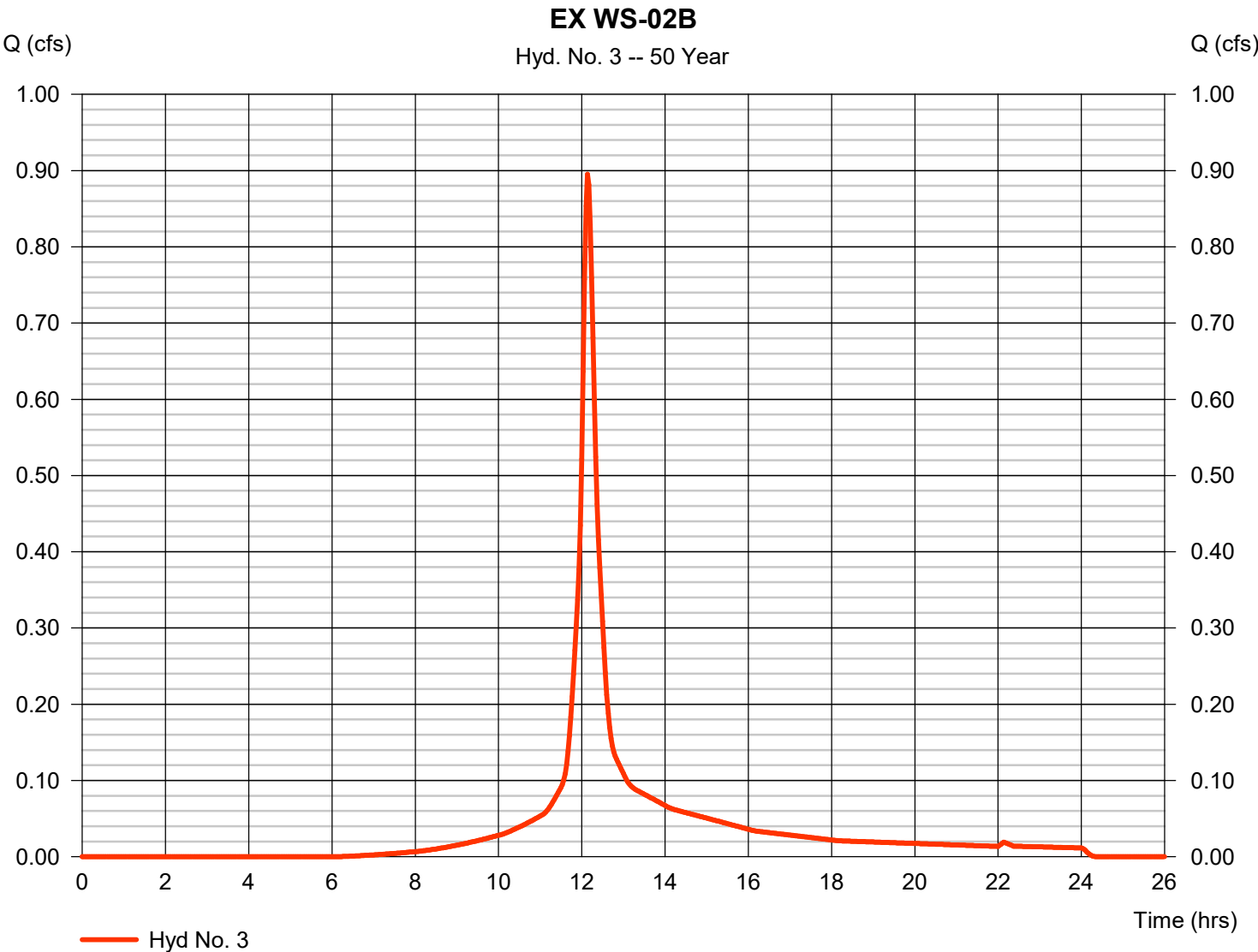
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 3

EX WS-02B

Hydrograph type	= SCS Runoff	Peak discharge	= 0.895 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.13 hrs
Time interval	= 2 min	Hyd. volume	= 3,454 cuft
Drainage area	= 0.186 ac	Curve number	= 79
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 11.00 min
Total precip.	= 7.41 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

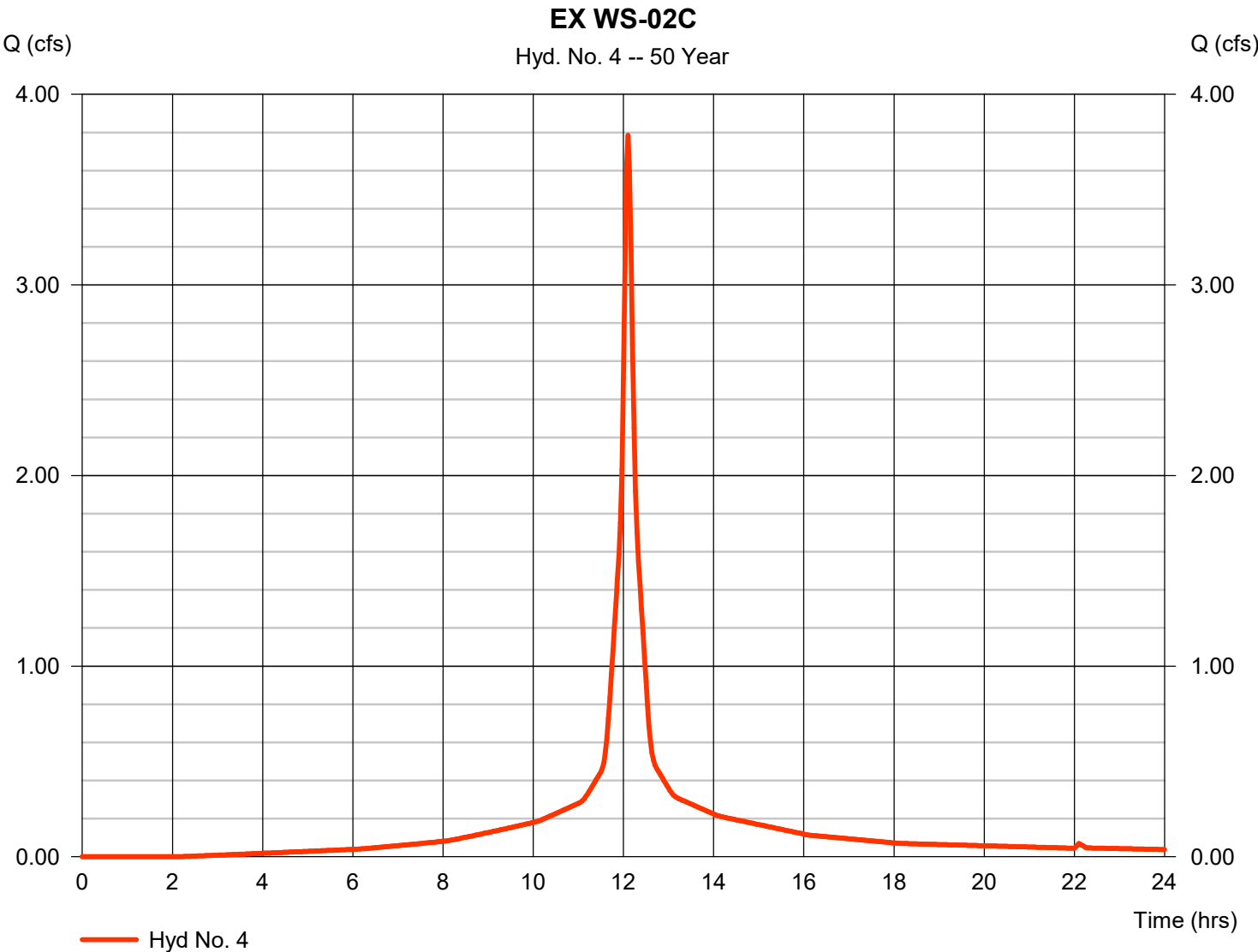
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 4

EX WS-02C

Hydrograph type	= SCS Runoff	Peak discharge	= 3.785 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.10 hrs
Time interval	= 2 min	Hyd. volume	= 14,087 cuft
Drainage area	= 0.590 ac	Curve number	= 93
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 9.40 min
Total precip.	= 7.41 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

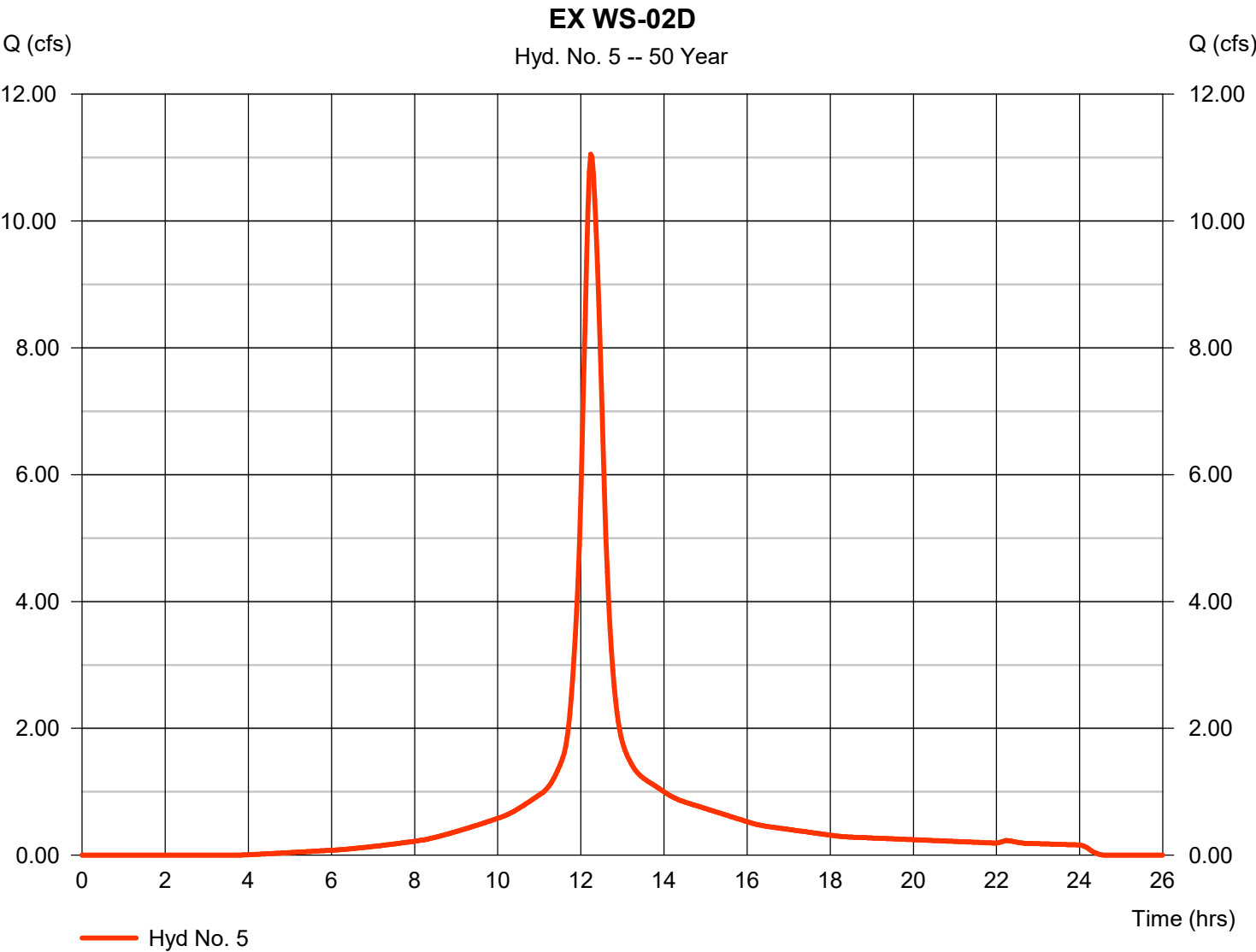
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 5

EX WS-02D

Hydrograph type	= SCS Runoff	Peak discharge	= 11.05 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.23 hrs
Time interval	= 2 min	Hyd. volume	= 54,511 cuft
Drainage area	= 2.462 ac	Curve number	= 88
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 22.10 min
Total precip.	= 7.41 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

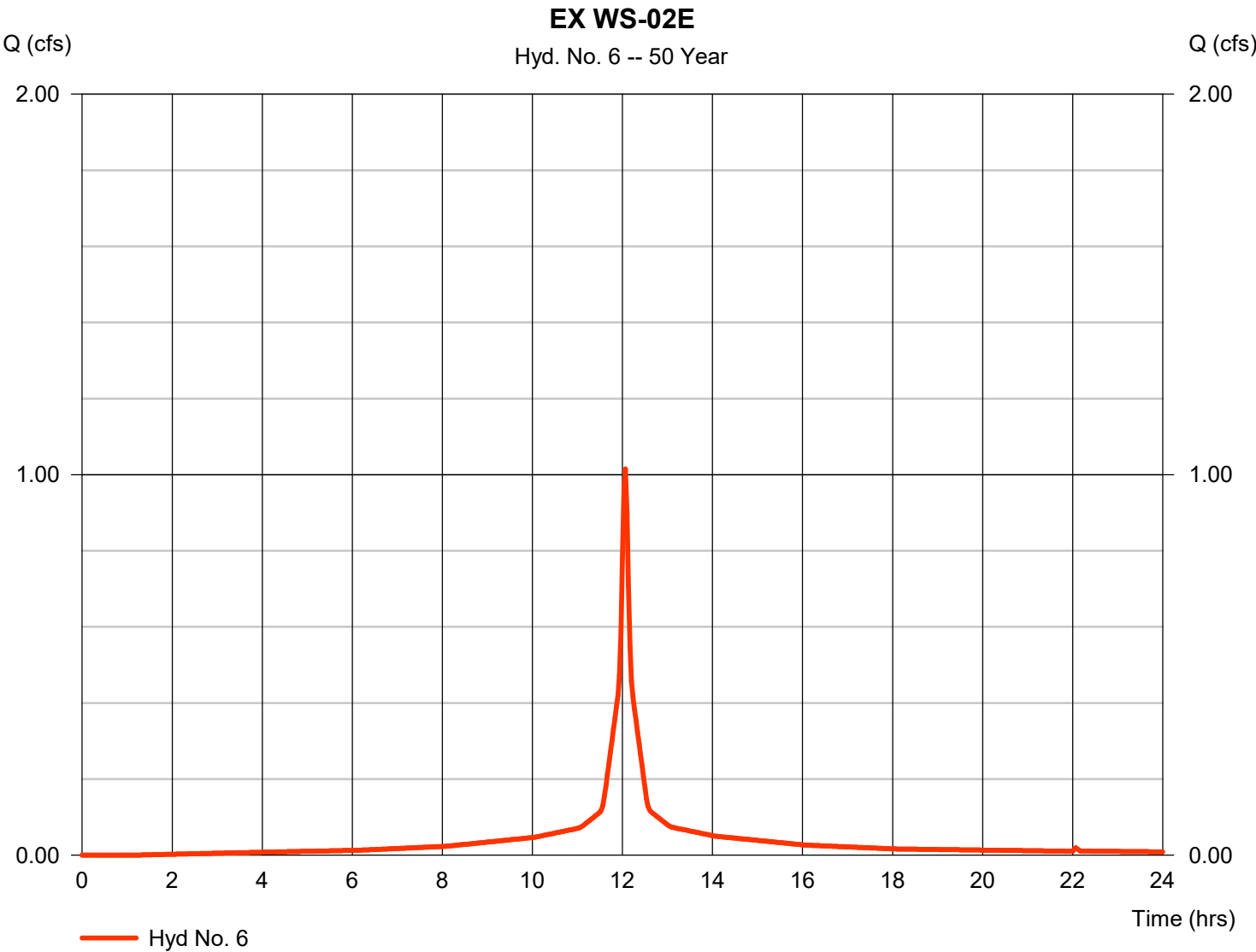
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 6

EX WS-02E

Hydrograph type	= SCS Runoff	Peak discharge	= 1.015 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 3,444 cuft
Drainage area	= 0.146 ac	Curve number	= 96
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 7.41 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

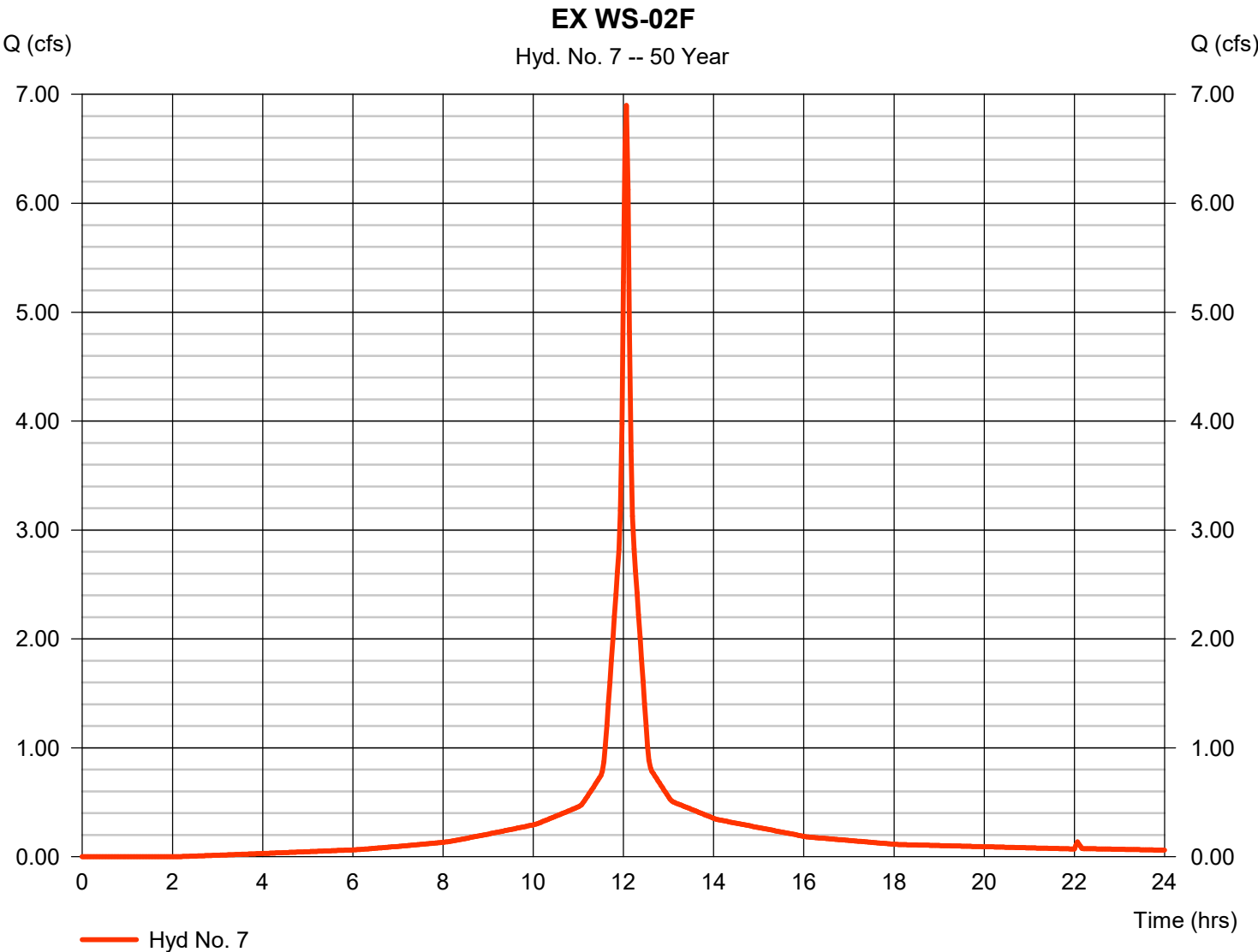


Hydrograph Report

Hyd. No. 7

EX WS-02F

Hydrograph type	= SCS Runoff	Peak discharge	= 6.897 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 22,653 cuft
Drainage area	= 1.012 ac	Curve number	= 93
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.50 min
Total precip.	= 7.41 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

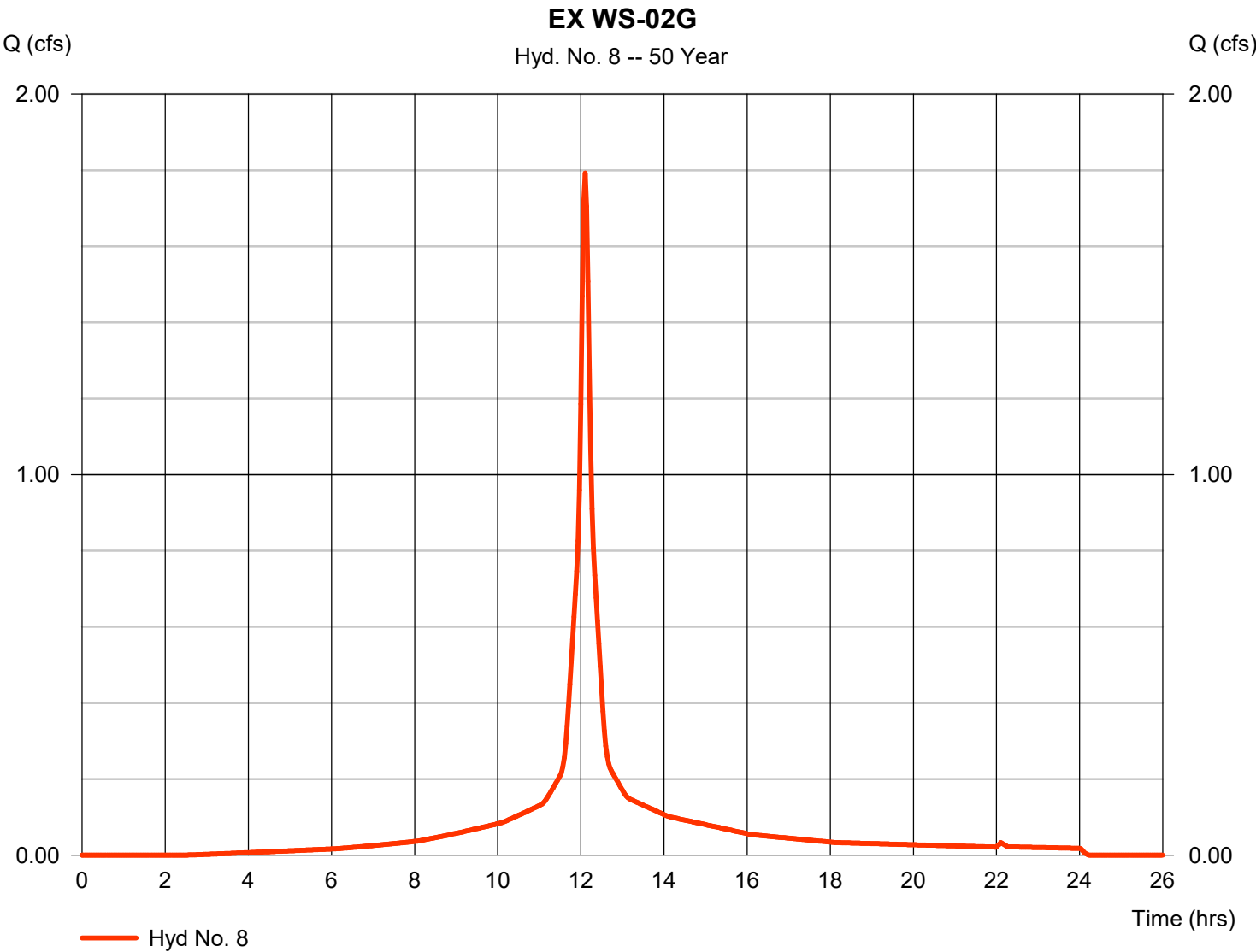


Hydrograph Report

Hyd. No. 8

EX WS-02G

Hydrograph type	= SCS Runoff	Peak discharge	= 1.793 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.10 hrs
Time interval	= 2 min	Hyd. volume	= 6,613 cuft
Drainage area	= 0.282 ac	Curve number	= 92
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 6.90 min
Total precip.	= 7.41 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

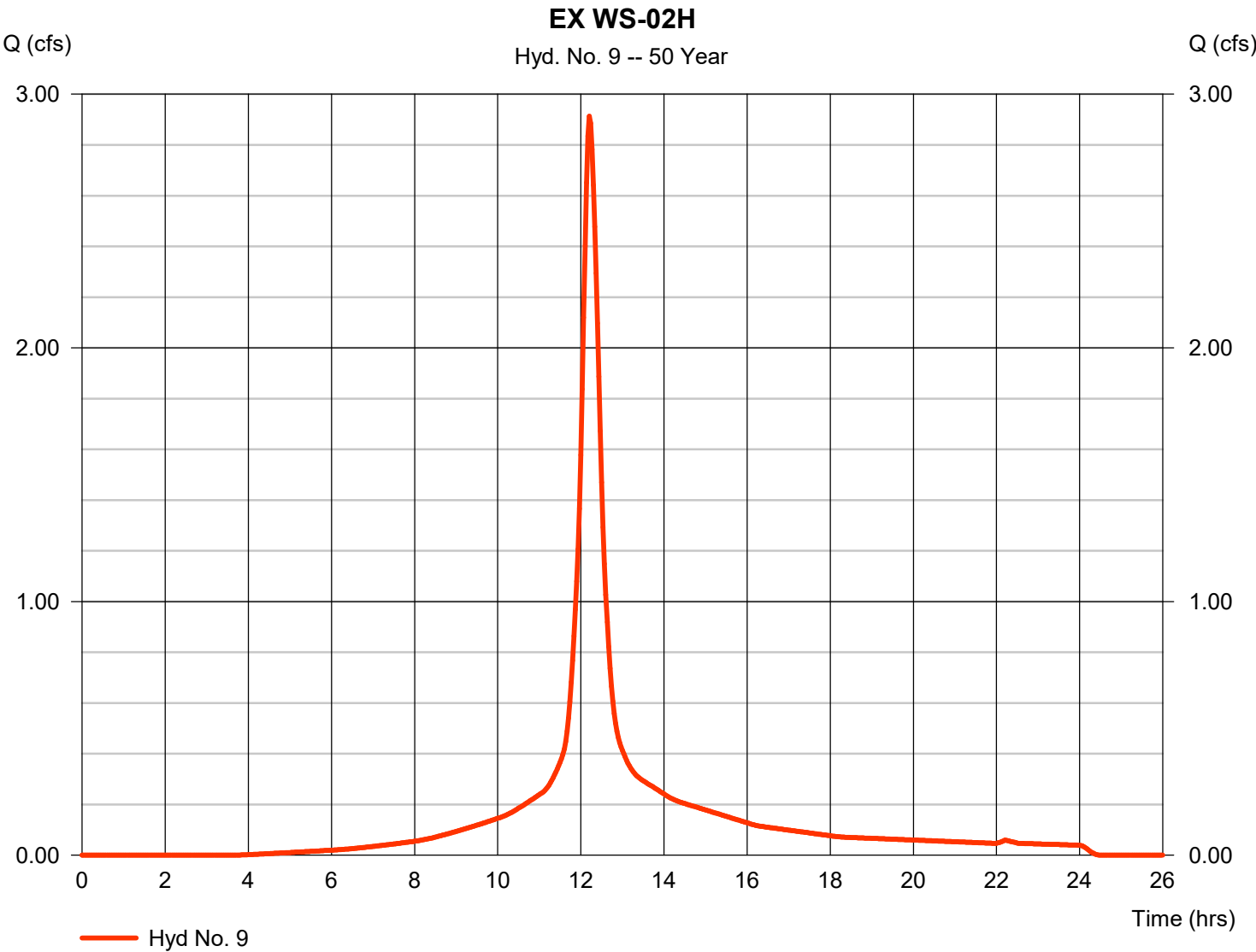


Hydrograph Report

Hyd. No. 9

EX WS-02H

Hydrograph type	= SCS Runoff	Peak discharge	= 2.913 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.20 hrs
Time interval	= 2 min	Hyd. volume	= 13,399 cuft
Drainage area	= 0.616 ac	Curve number	= 88
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 17.30 min
Total precip.	= 7.41 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

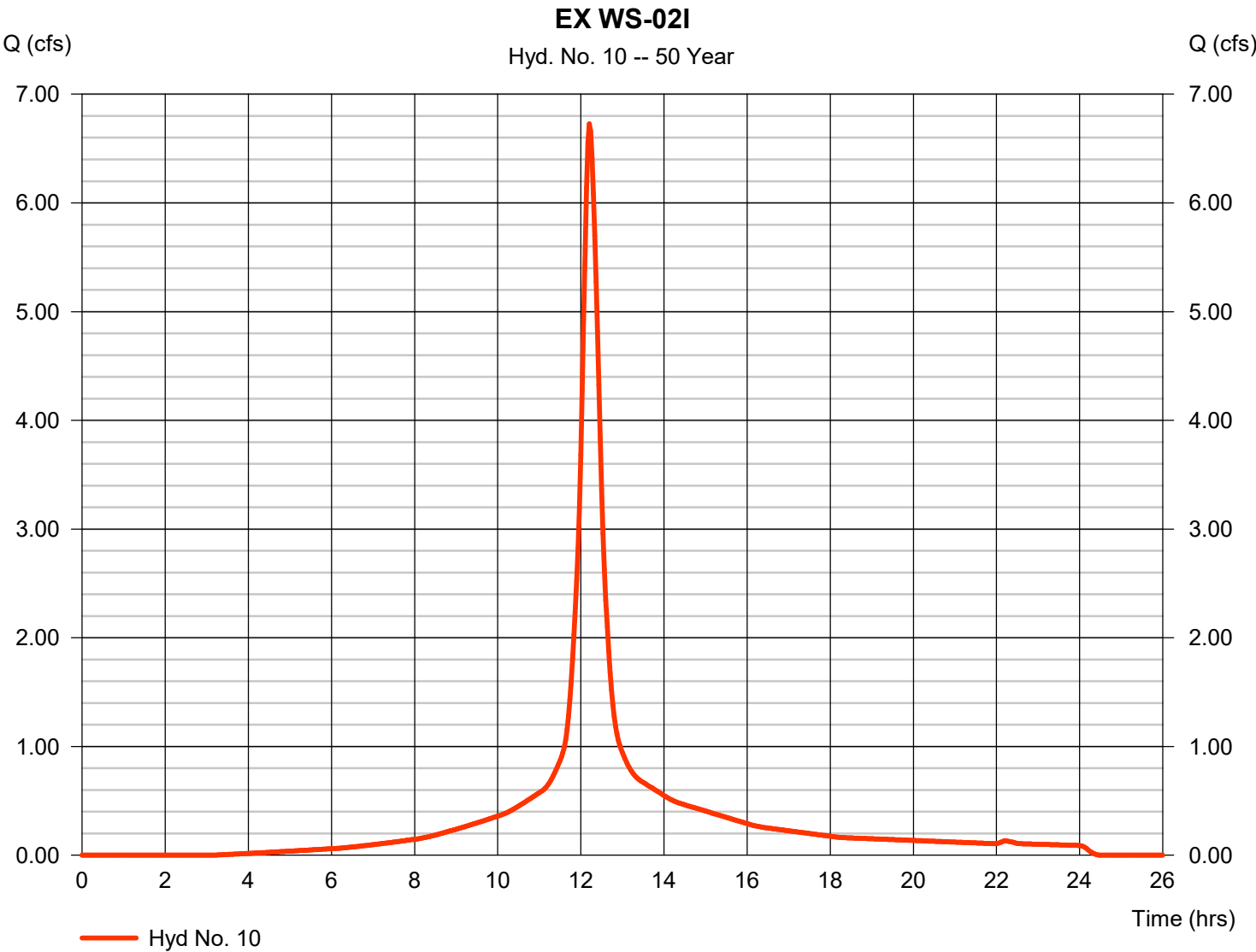
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 10

EX WS-02I

Hydrograph type	= SCS Runoff	Peak discharge	= 6.727 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.20 hrs
Time interval	= 2 min	Hyd. volume	= 31,344 cuft
Drainage area	= 1.387 ac	Curve number	= 90
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 18.60 min
Total precip.	= 7.41 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

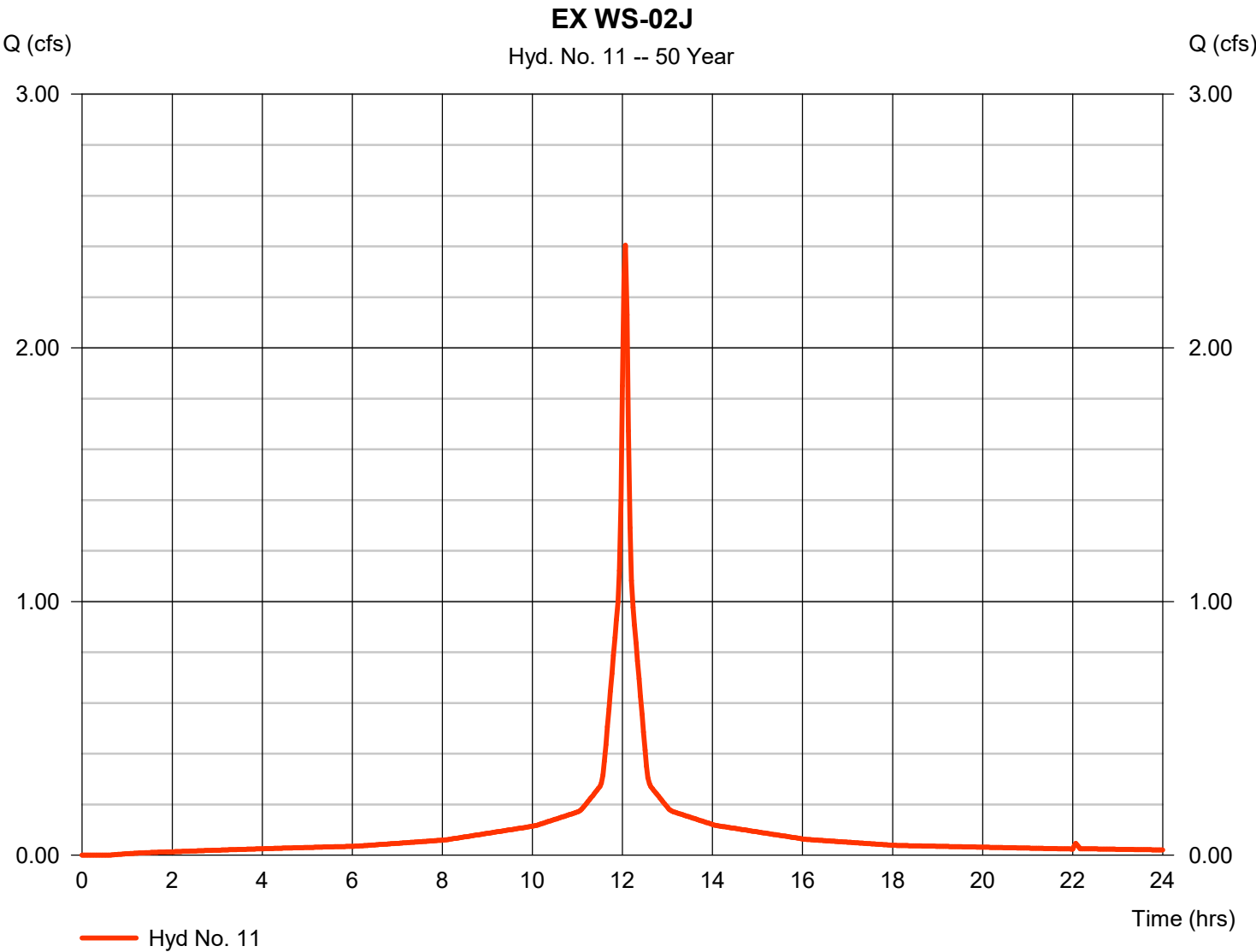


Hydrograph Report

Hyd. No. 11

EX WS-02J

Hydrograph type	= SCS Runoff	Peak discharge	= 2.404 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 8,370 cuft
Drainage area	= 0.343 ac	Curve number	= 98
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 7.41 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

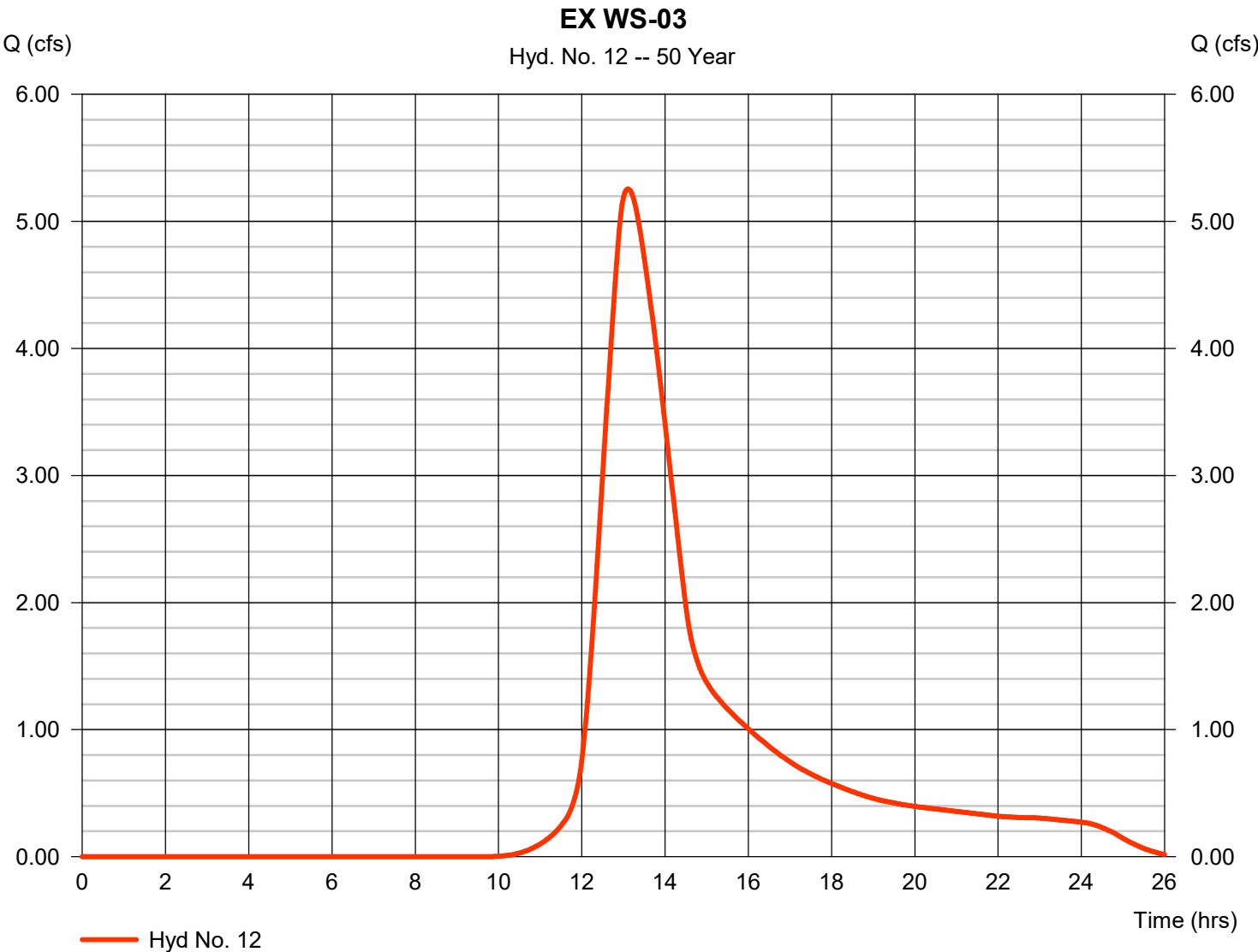
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 12

EX WS-03

Hydrograph type	= SCS Runoff	Peak discharge	= 5.256 cfs
Storm frequency	= 50 yrs	Time to peak	= 13.10 hrs
Time interval	= 2 min	Hyd. volume	= 55,086 cuft
Drainage area	= 4.907 ac	Curve number	= 62
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 95.00 min
Total precip.	= 7.41 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

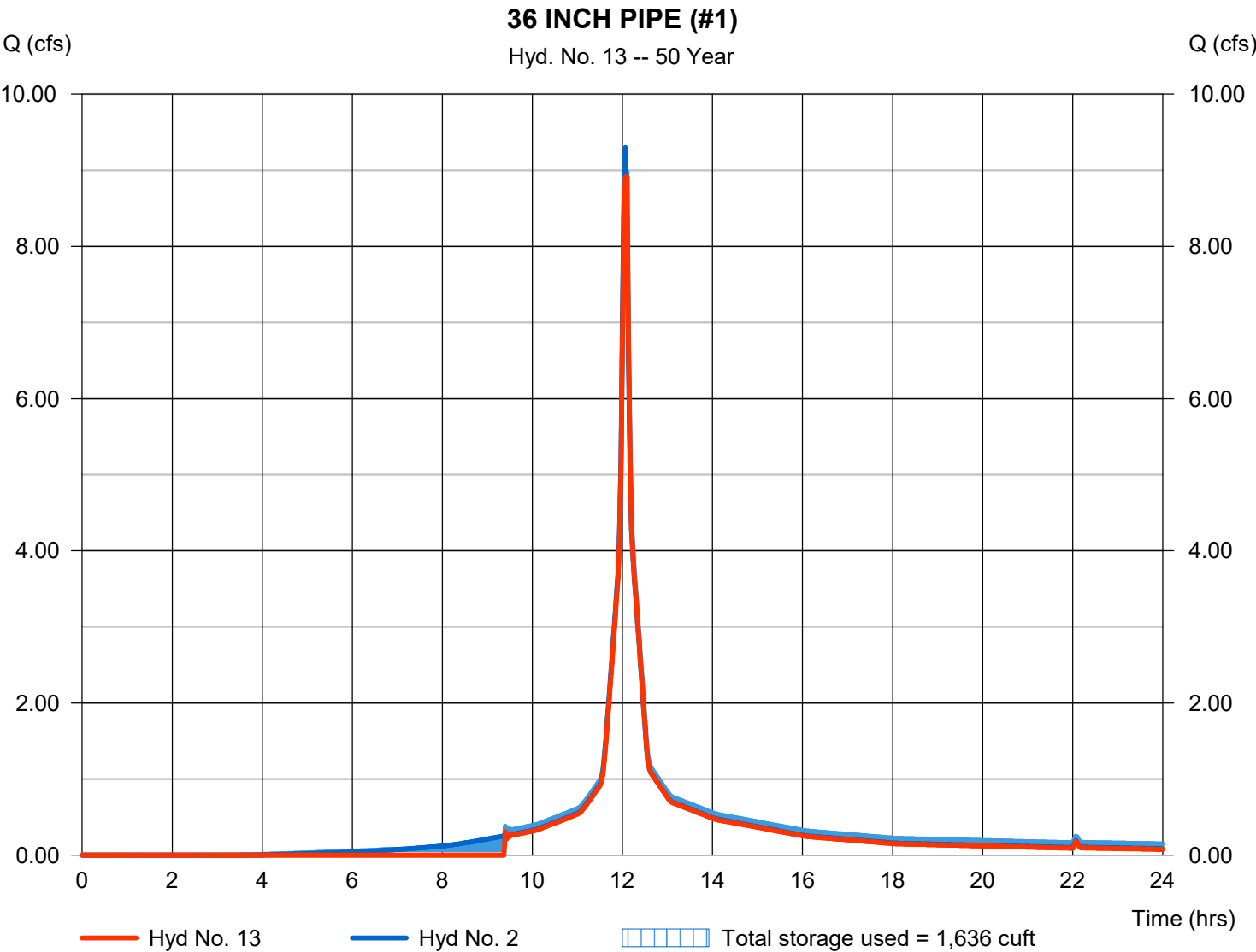
Thursday, 04 / 4 / 2024

Hyd. No. 13

36 INCH PIPE (#1)

Hydrograph type	= Reservoir	Peak discharge	= 8.911 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 27,074 cuft
Inflow hyd. No.	= 2 - EX WS-02A	Max. Elevation	= 143.83 ft
Reservoir name	= 36IN - 1	Max. Storage	= 1,636 cuft

Storage Indication method used. Exfiltration extracted from Outflow.



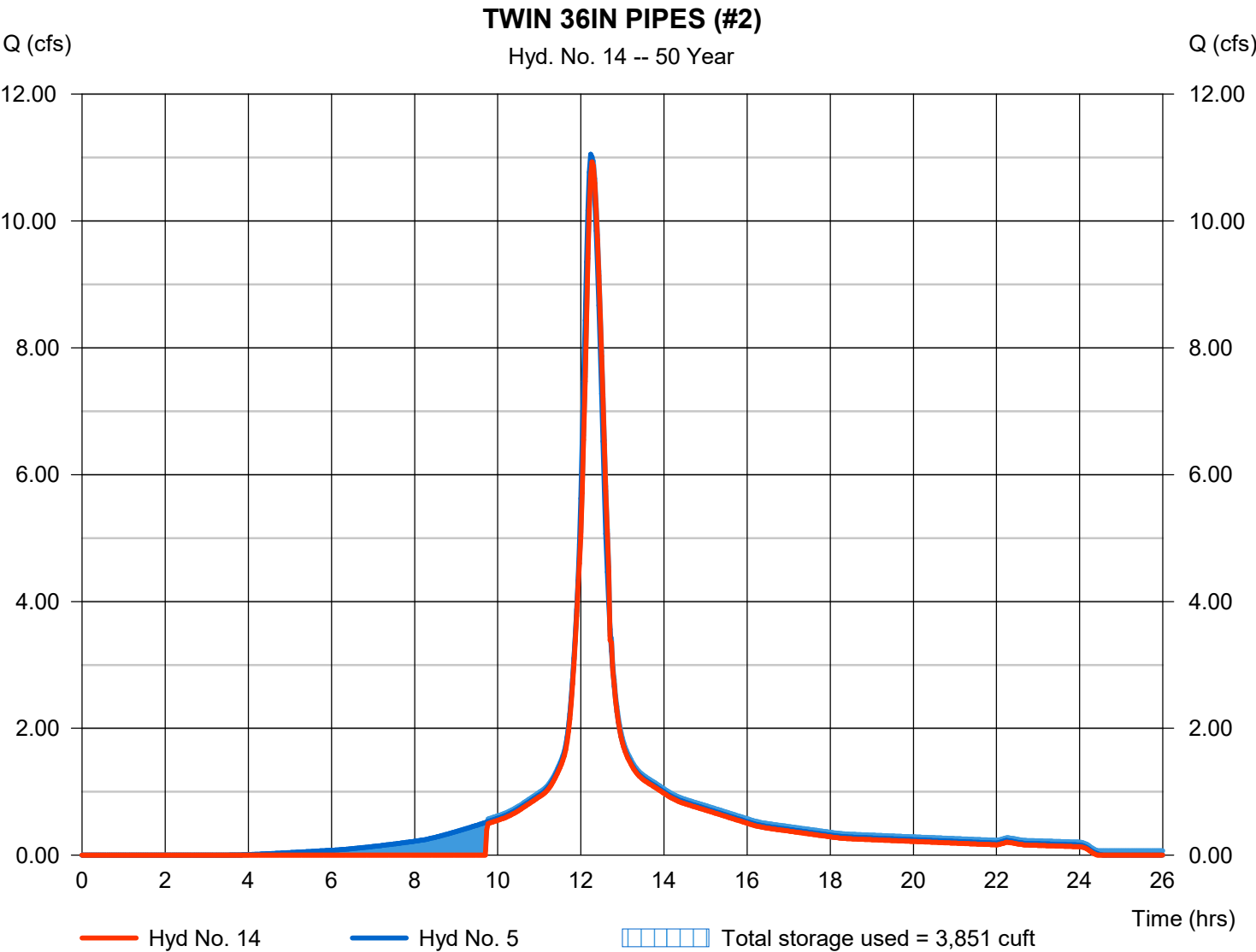
Hydrograph Report

Hyd. No. 14

TWIN 36IN PIPES (#2)

Hydrograph type	= Reservoir	Peak discharge	= 10.93 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.27 hrs
Time interval	= 2 min	Hyd. volume	= 49,562 cuft
Inflow hyd. No.	= 5 - EX WS-02D	Max. Elevation	= 139.16 ft
Reservoir name	= Northern Twin 36IN	Max. Storage	= 3,851 cuft

Storage Indication method used. Exfiltration extracted from Outflow.



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

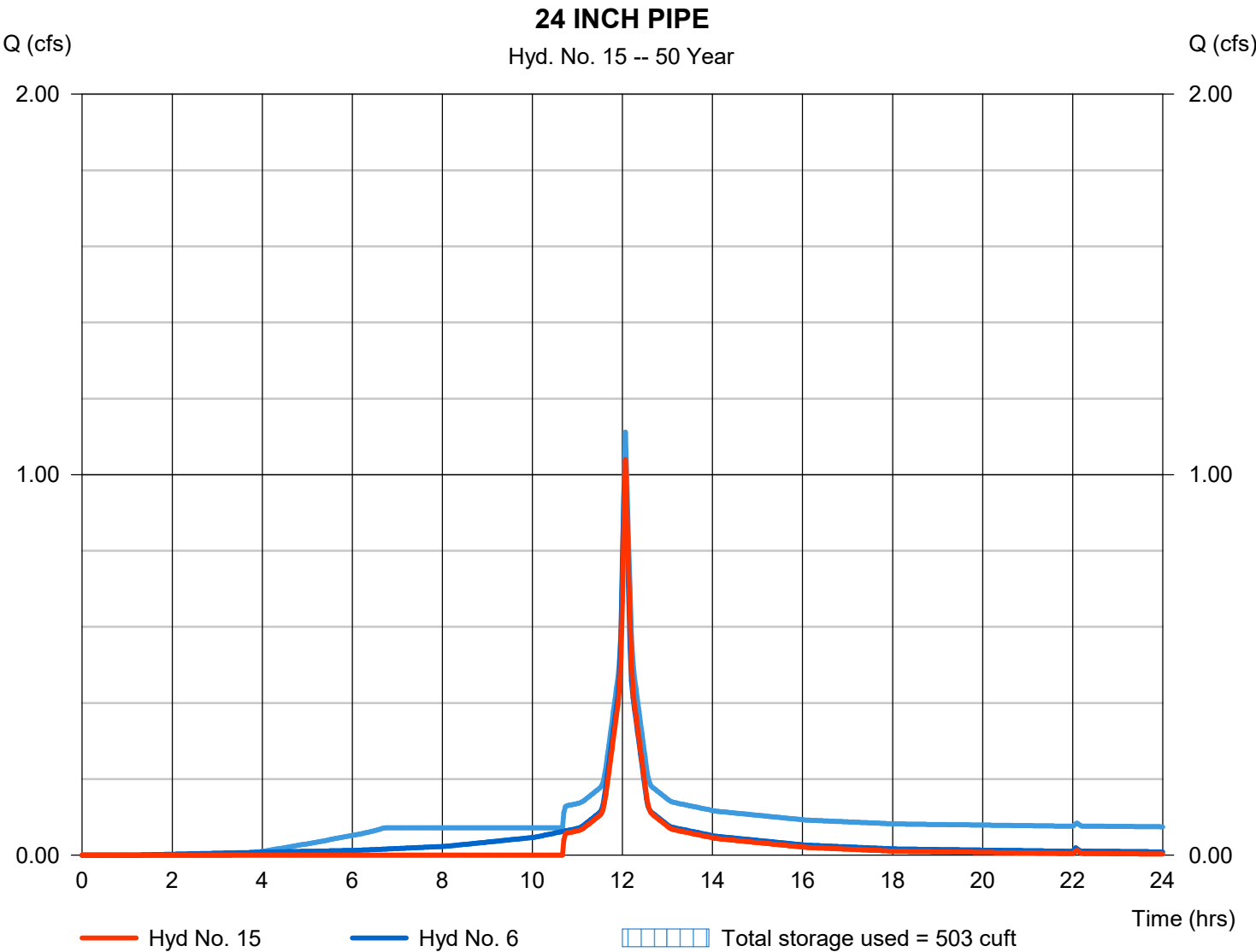
Thursday, 04 / 4 / 2024

Hyd. No. 15

24 INCH PIPE

Hydrograph type	= Reservoir	Peak discharge	= 1.040 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 2,535 cuft
Inflow hyd. No.	= 6 - EX WS-02E	Max. Elevation	= 139.65 ft
Reservoir name	= 24IN	Max. Storage	= 503 cuft

Storage Indication method used. Exfiltration extracted from Outflow.



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

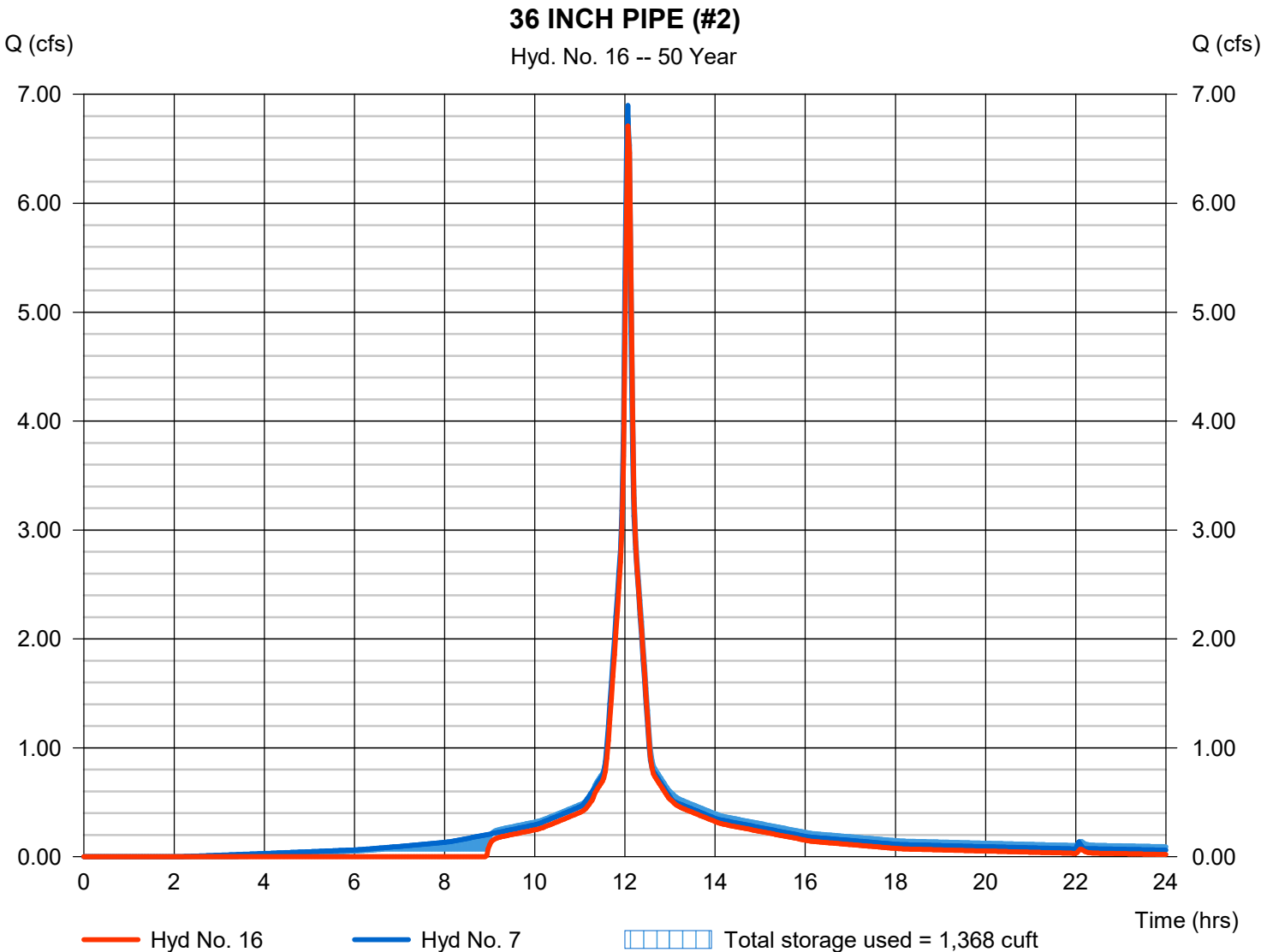
Thursday, 04 / 4 / 2024

Hyd. No. 16

36 INCH PIPE (#2)

Hydrograph type	= Reservoir	Peak discharge	= 6.709 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 18,771 cuft
Inflow hyd. No.	= 7 - EX WS-02F	Max. Elevation	= 139.53 ft
Reservoir name	= 36in - 2	Max. Storage	= 1,368 cuft

Storage Indication method used. Exfiltration extracted from Outflow.



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

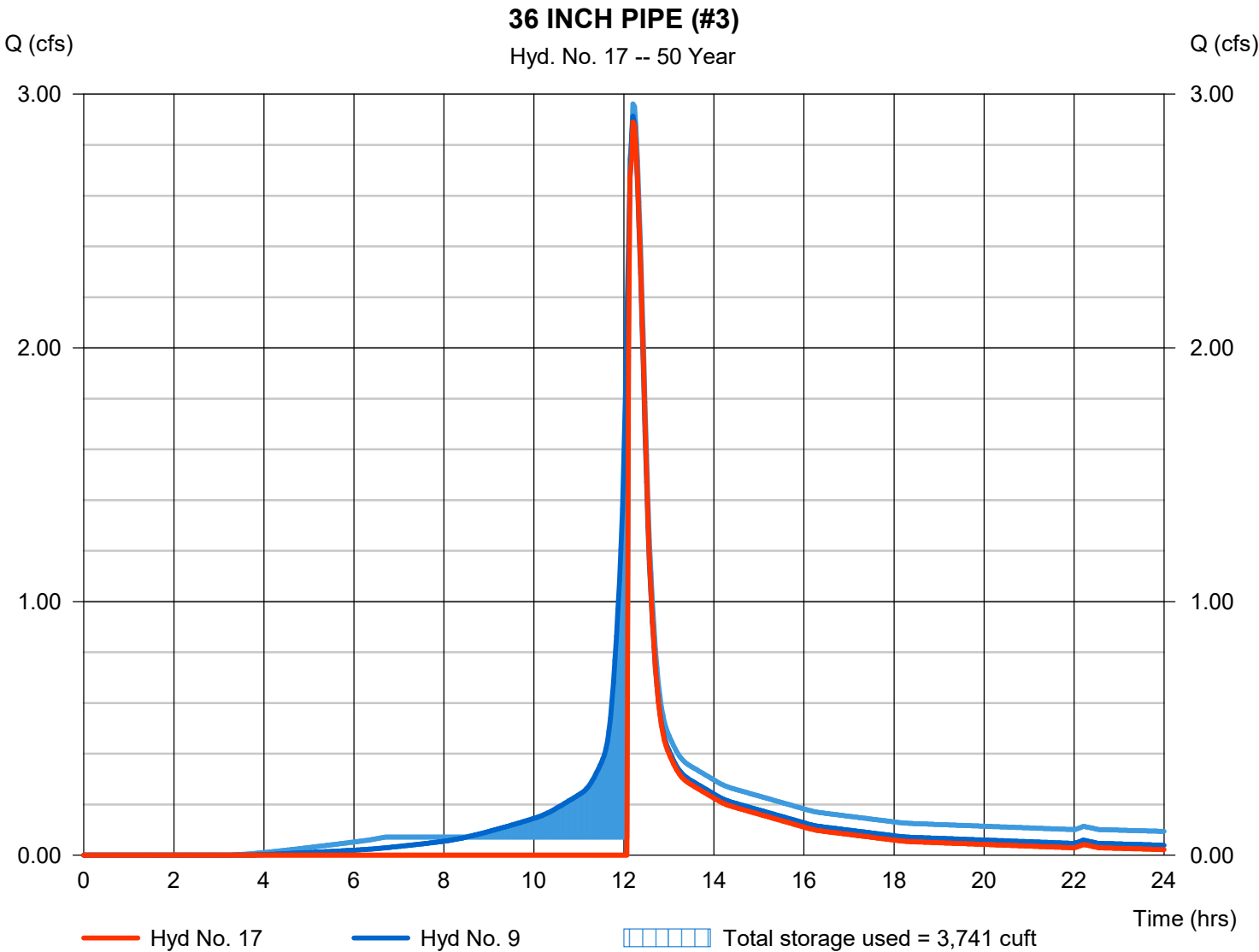
Thursday, 04 / 4 / 2024

Hyd. No. 17

36 INCH PIPE (#3)

Hydrograph type	= Reservoir	Peak discharge	= 2.890 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.20 hrs
Time interval	= 2 min	Hyd. volume	= 8,550 cuft
Inflow hyd. No.	= 9 - EX WS-02H	Max. Elevation	= 137.50 ft
Reservoir name	= 36in - 3	Max. Storage	= 3,741 cuft

Storage Indication method used. Exfiltration extracted from Outflow.



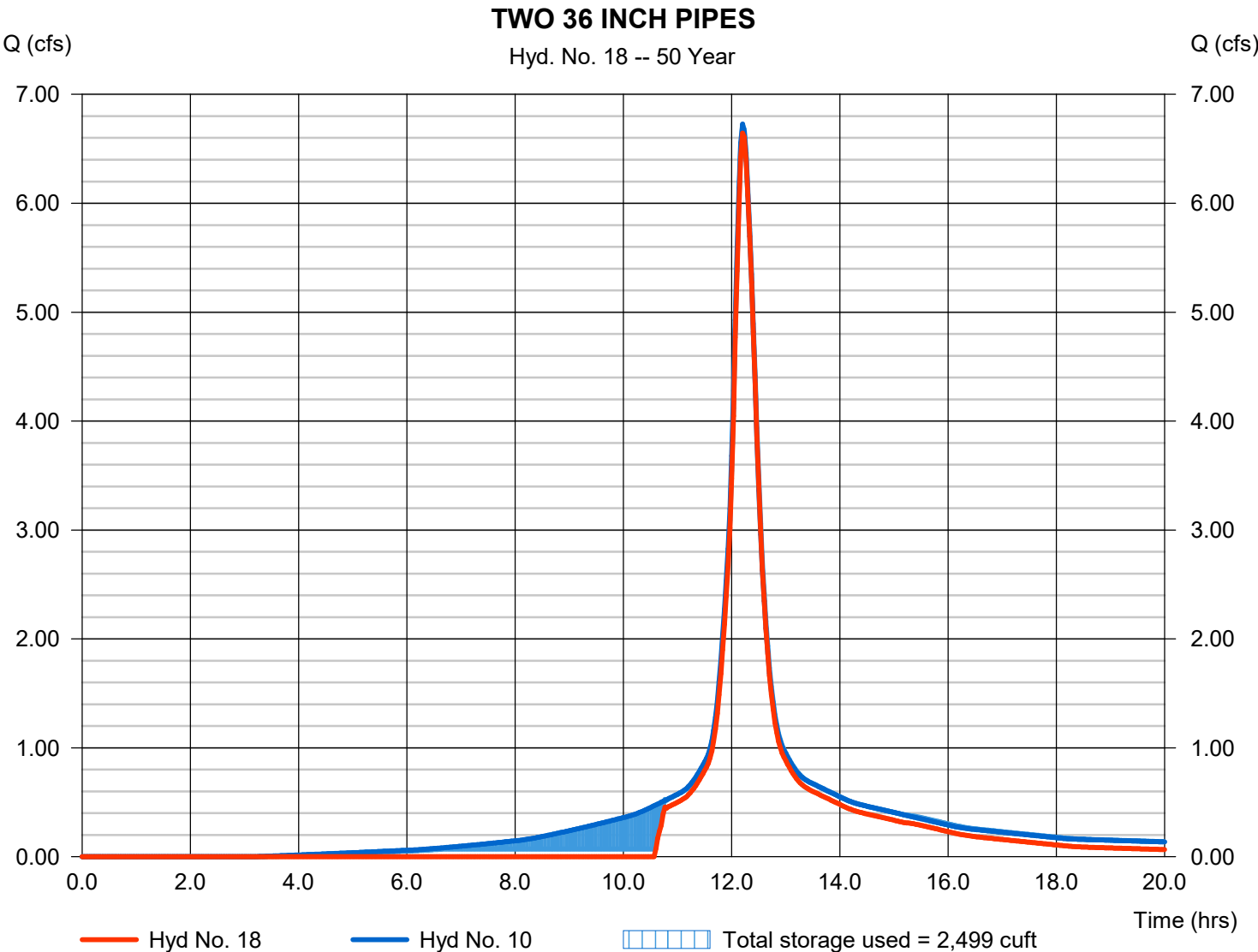
Hydrograph Report

Hyd. No. 18

TWO 36 INCH PIPES

Hydrograph type	= Reservoir	Peak discharge	= 6.644 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.20 hrs
Time interval	= 2 min	Hyd. volume	= 24,209 cuft
Inflow hyd. No.	= 10 - EX WS-02I	Max. Elevation	= 135.75 ft
Reservoir name	= TWIN 36IN	Max. Storage	= 2,499 cuft

Storage Indication method used. Exfiltration extracted from Outflow.

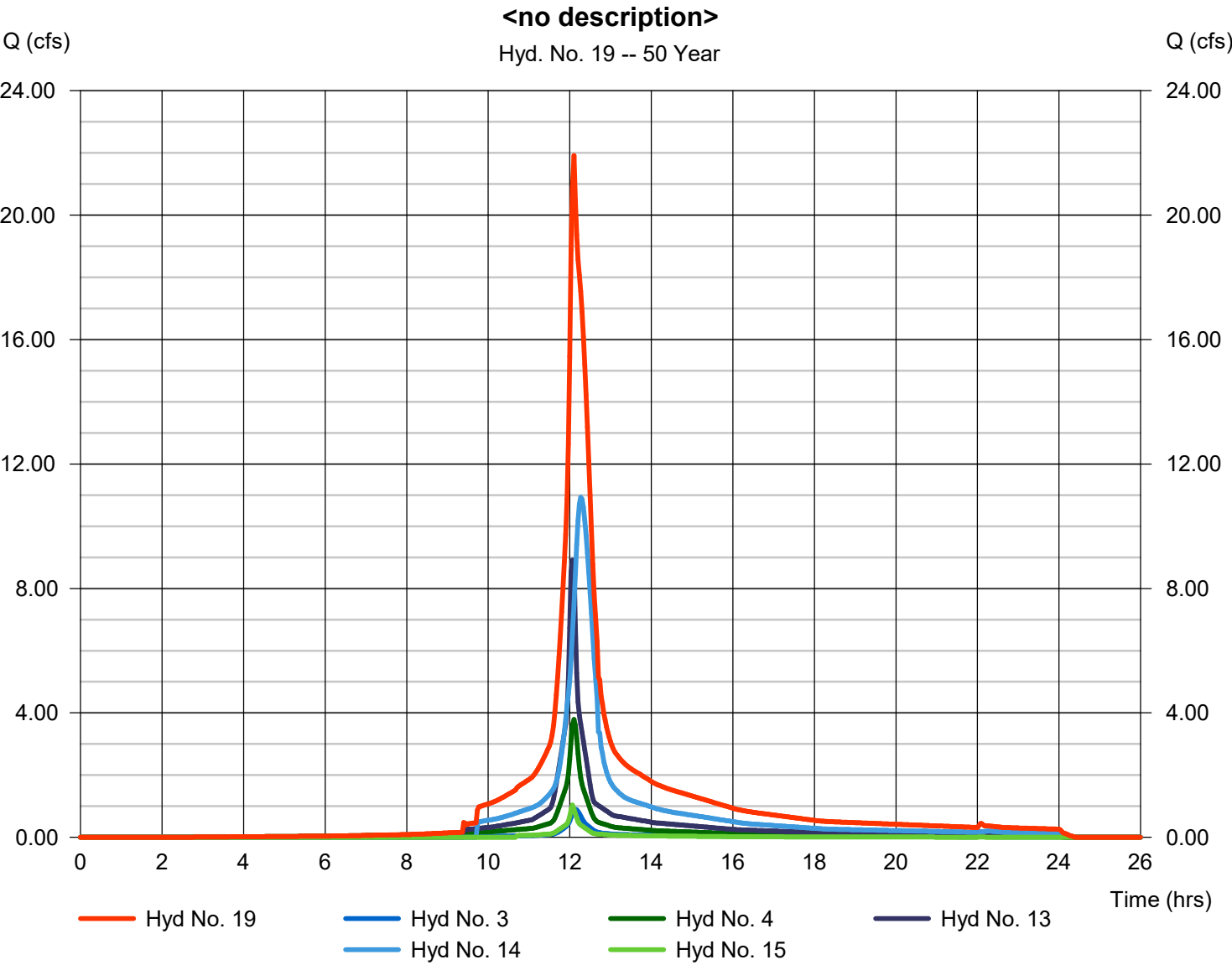


Hydrograph Report

Hyd. No. 19

<no description>

Hydrograph type	= Combine	Peak discharge	= 21.92 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.10 hrs
Time interval	= 2 min	Hyd. volume	= 96,711 cuft
Inflow hyds.	= 3, 4, 13, 14, 15	Contrib. drain. area	= 0.776 ac

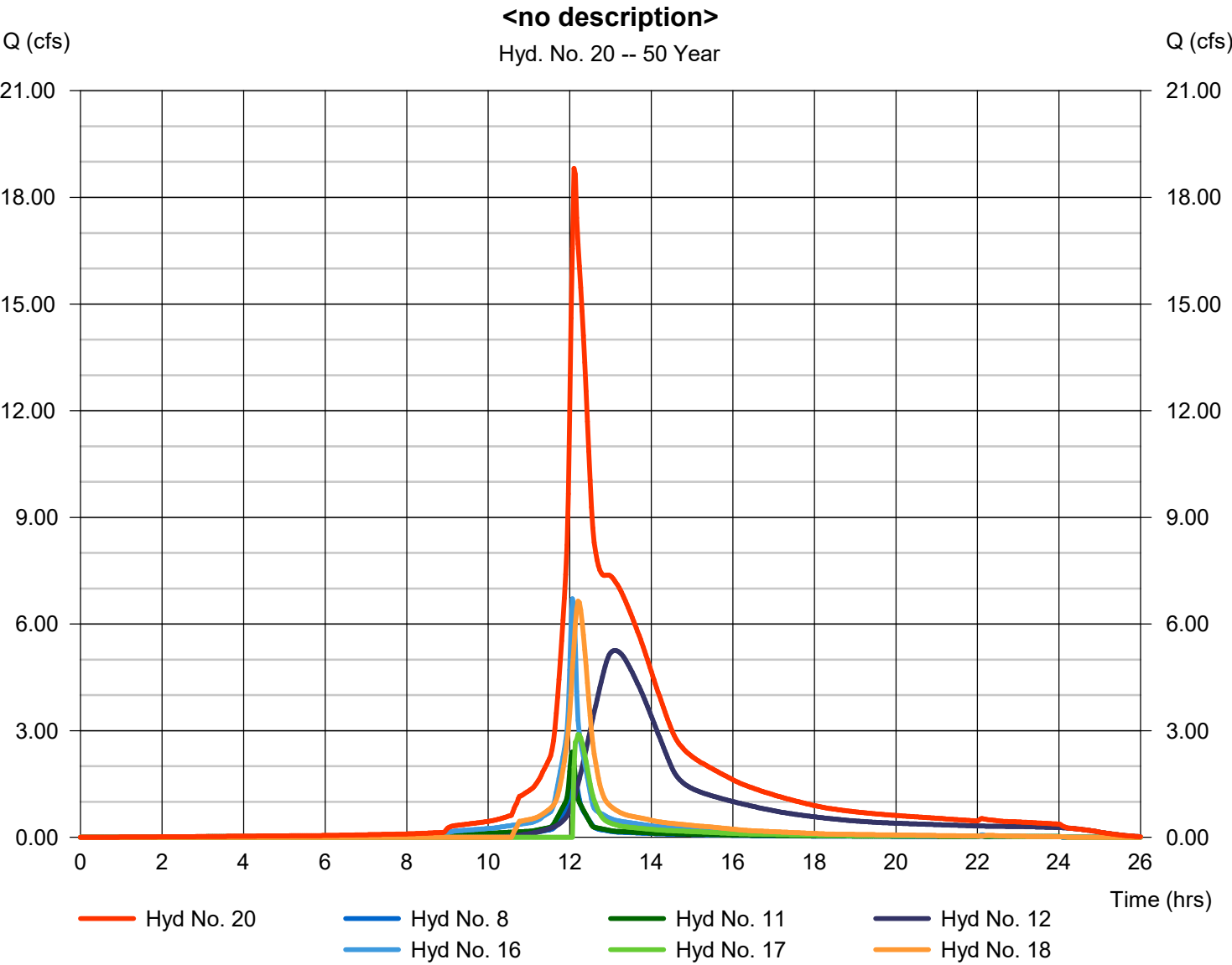


Hydrograph Report

Hyd. No. 20

<no description>

Hydrograph type	= Combine	Peak discharge	= 18.82 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.10 hrs
Time interval	= 2 min	Hyd. volume	= 121,599 cuft
Inflow hyds.	= 8, 11, 12, 16, 17, 18	Contrib. drain. area	= 5.532 ac

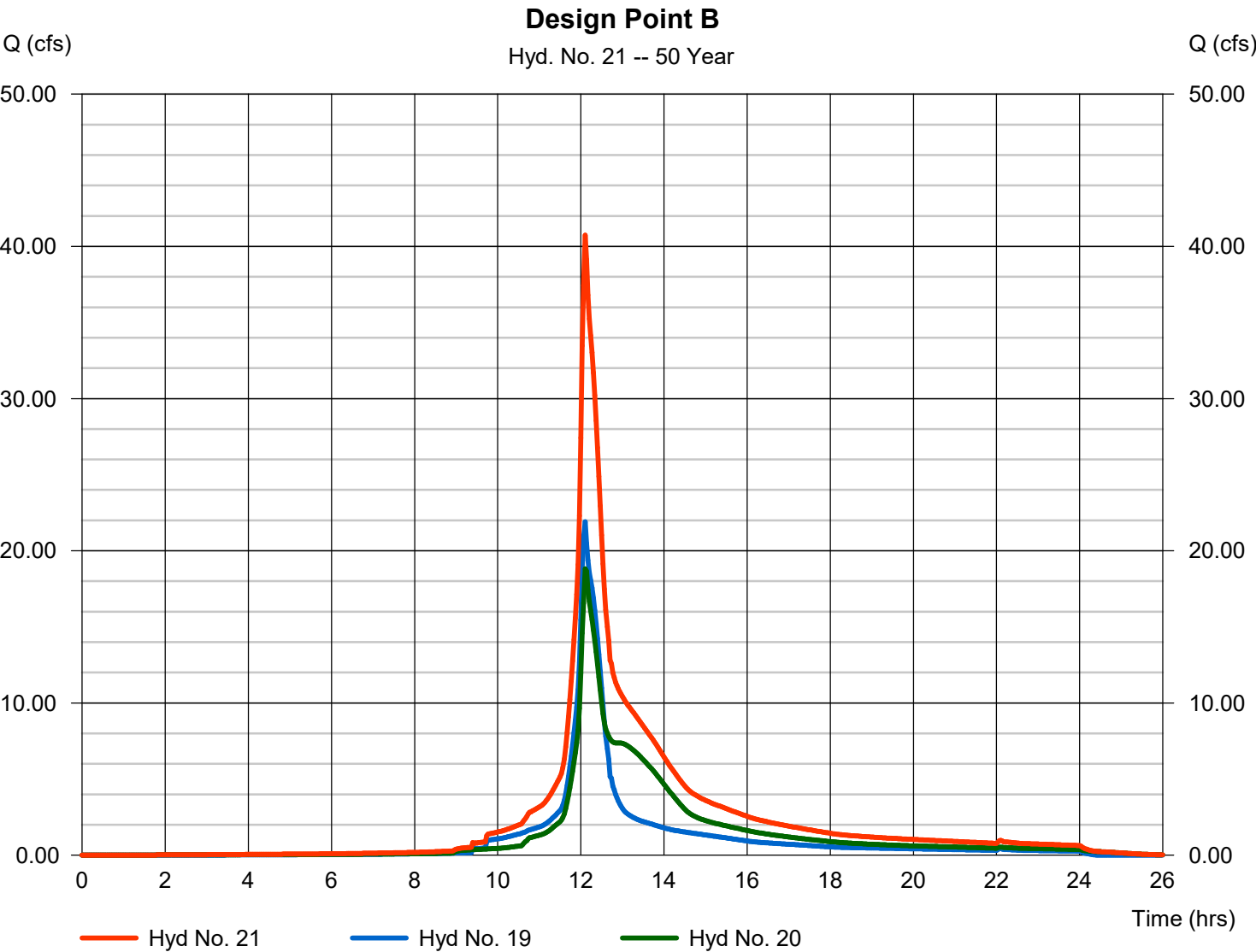


Hydrograph Report

Hyd. No. 21

Design Point B

Hydrograph type	= Combine	Peak discharge	= 40.73 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.10 hrs
Time interval	= 2 min	Hyd. volume	= 218,310 cuft
Inflow hyds.	= 19, 20	Contrib. drain. area	= 0.000 ac

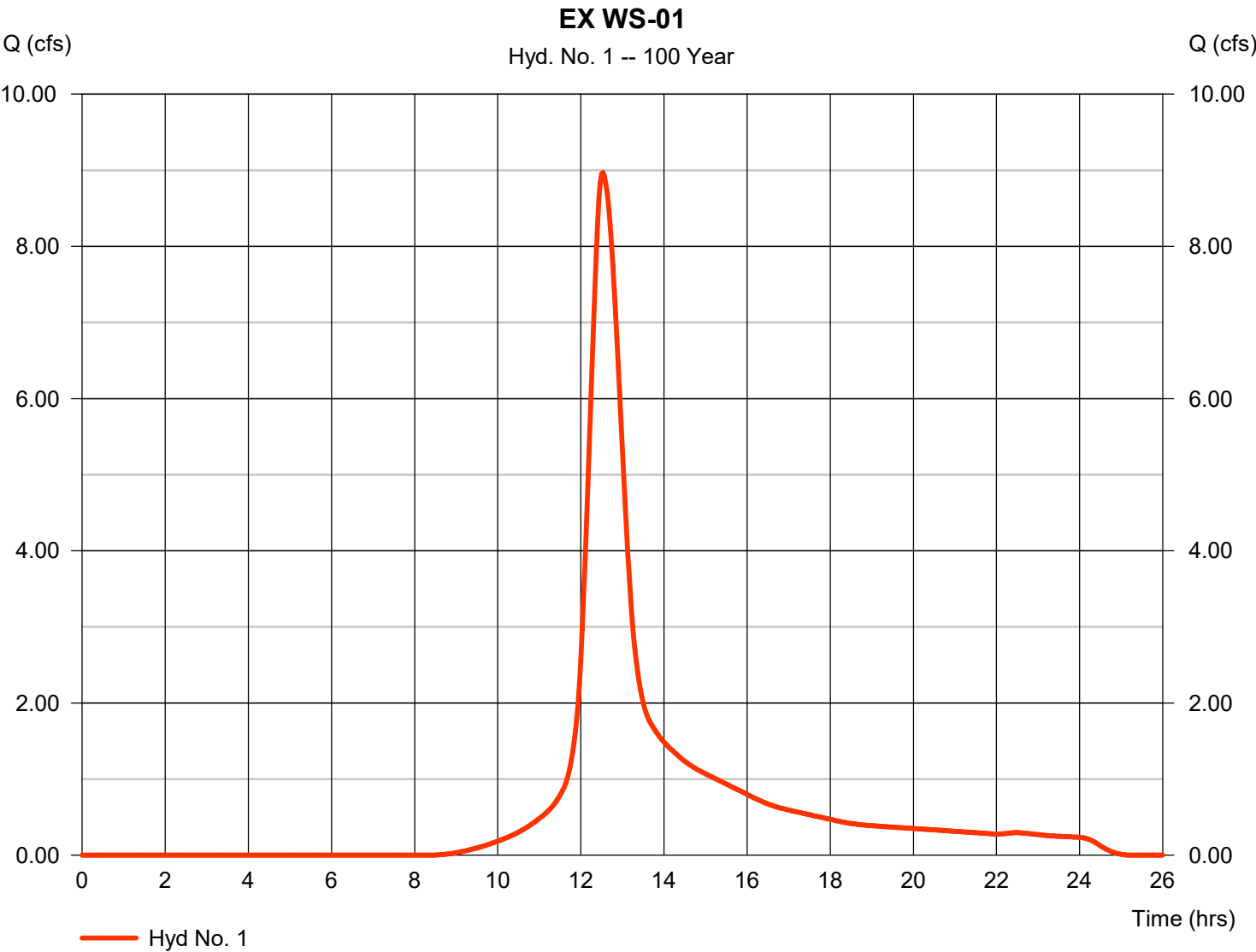


Hydrograph Report

Hyd. No. 1

EX WS-01

Hydrograph type	= SCS Runoff	Peak discharge	= 8.969 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.53 hrs
Time interval	= 2 min	Hyd. volume	= 58,271 cuft
Drainage area	= 3.677 ac	Curve number	= 67
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 45.70 min
Total precip.	= 8.34 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

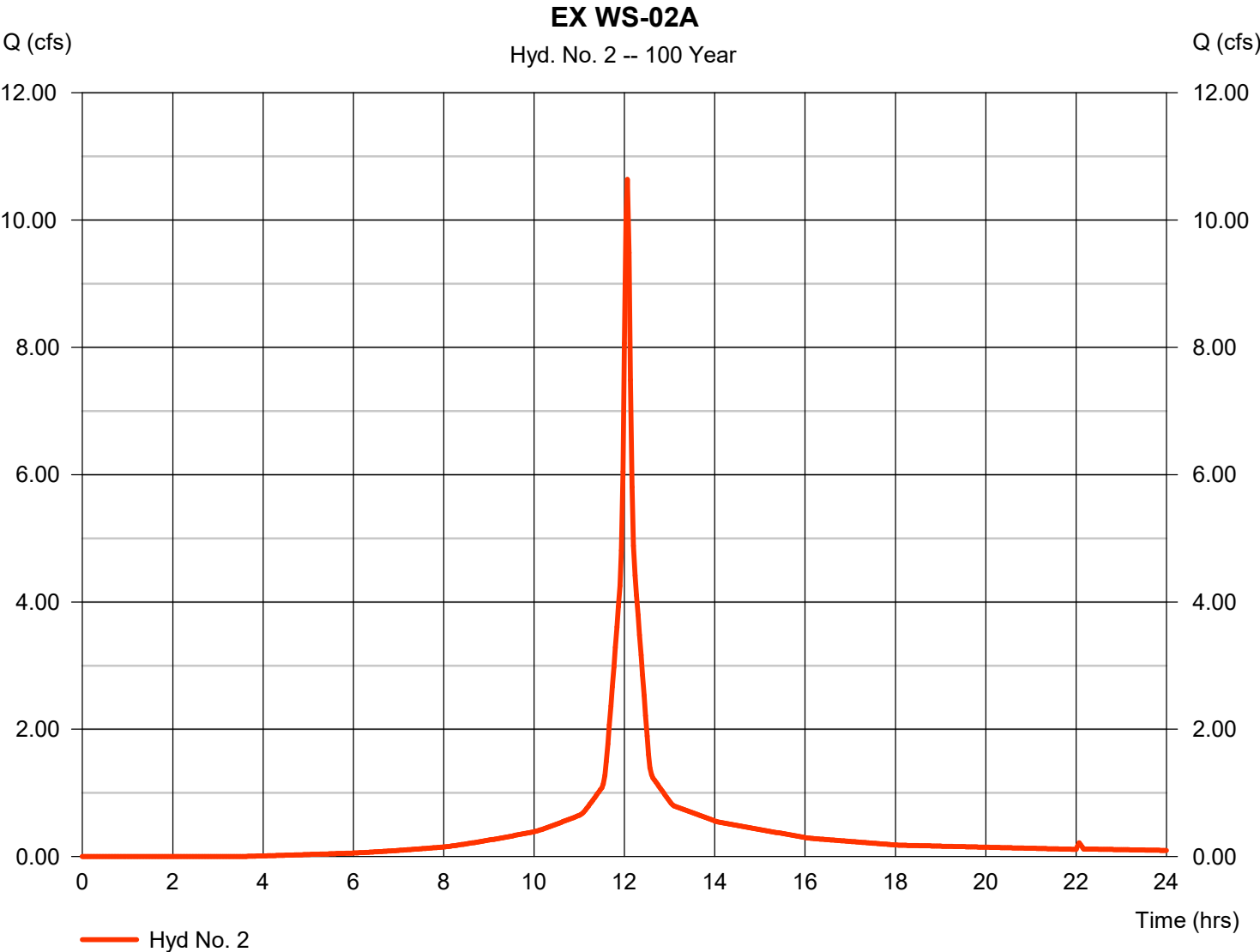
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 2

EX WS-02A

Hydrograph type	= SCS Runoff	Peak discharge	= 10.64 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 33,623 cuft
Drainage area	= 1.457 ac	Curve number	= 87
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 8.34 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

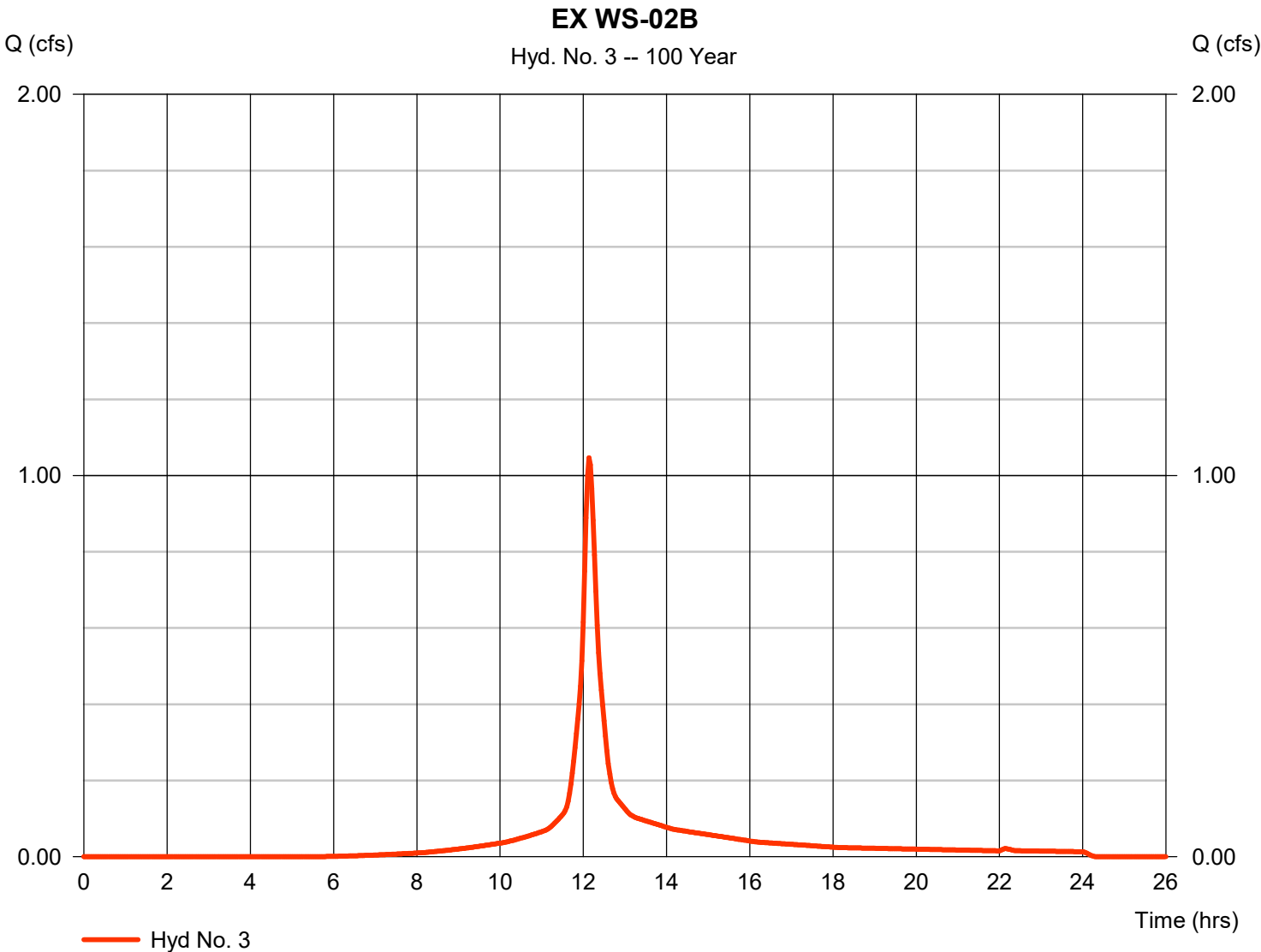
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 3

EX WS-02B

Hydrograph type	= SCS Runoff	Peak discharge	= 1.046 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.13 hrs
Time interval	= 2 min	Hyd. volume	= 4,056 cuft
Drainage area	= 0.186 ac	Curve number	= 79
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 11.00 min
Total precip.	= 8.34 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

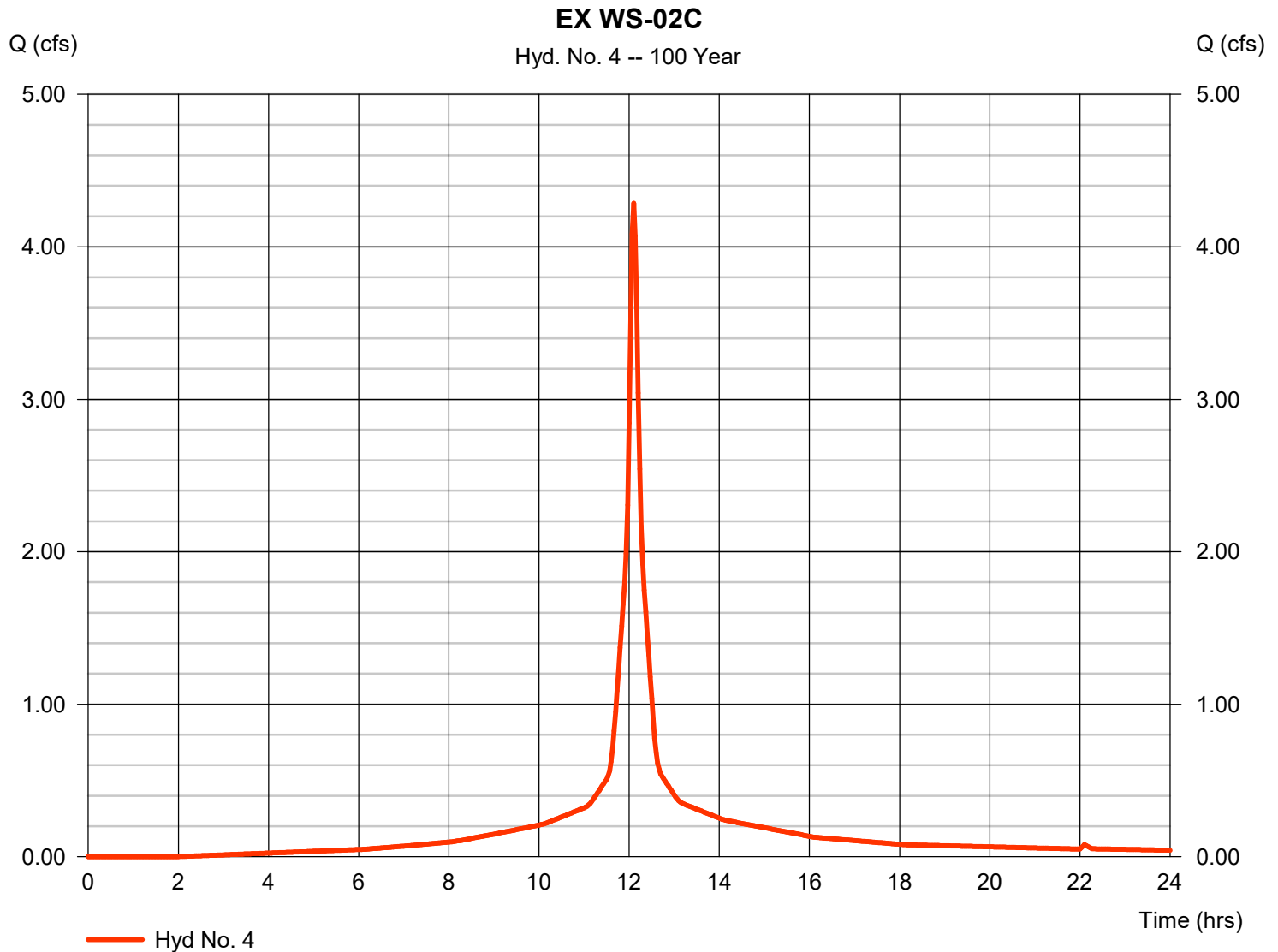
Thursday, 04 / 4 / 2024

Hyd. No. 4

EX WS-02C

Hydrograph type = SCS Runoff
Storm frequency = 100 yrs
Time interval = 2 min
Drainage area = 0.590 ac
Basin Slope = 0.0 %
Tc method = User
Total precip. = 8.34 in
Storm duration = 24 hrs

Peak discharge = 4.285 cfs
Time to peak = 12.10 hrs
Hyd. volume = 16,063 cuft
Curve number = 93
Hydraulic length = 0 ft
Time of conc. (Tc) = 9.40 min
Distribution = Type III
Shape factor = 484



Hydrograph Report

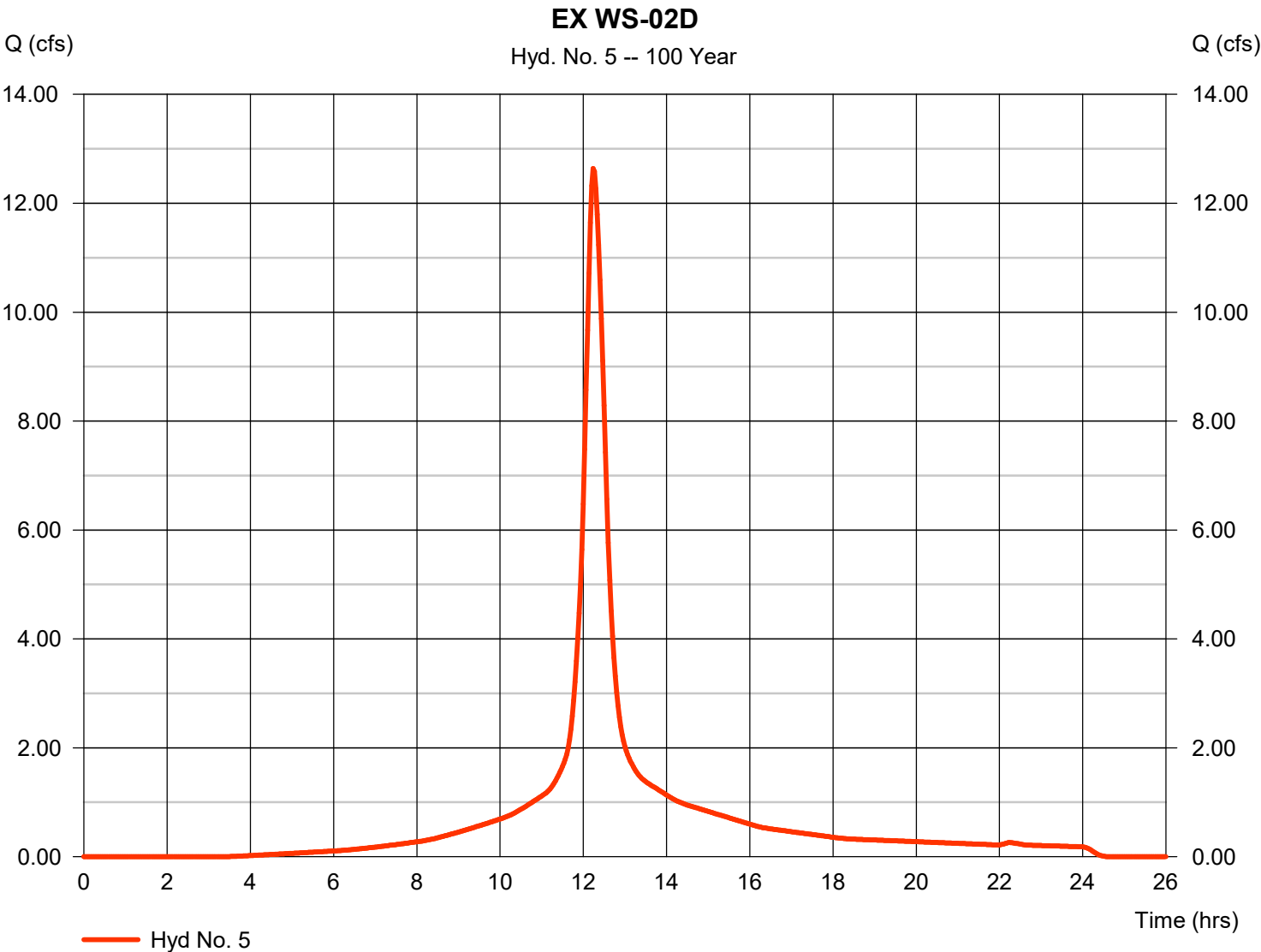
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 5

EX WS-02D

Hydrograph type	= SCS Runoff	Peak discharge	= 12.64 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.23 hrs
Time interval	= 2 min	Hyd. volume	= 62,774 cuft
Drainage area	= 2.462 ac	Curve number	= 88
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 22.10 min
Total precip.	= 8.34 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

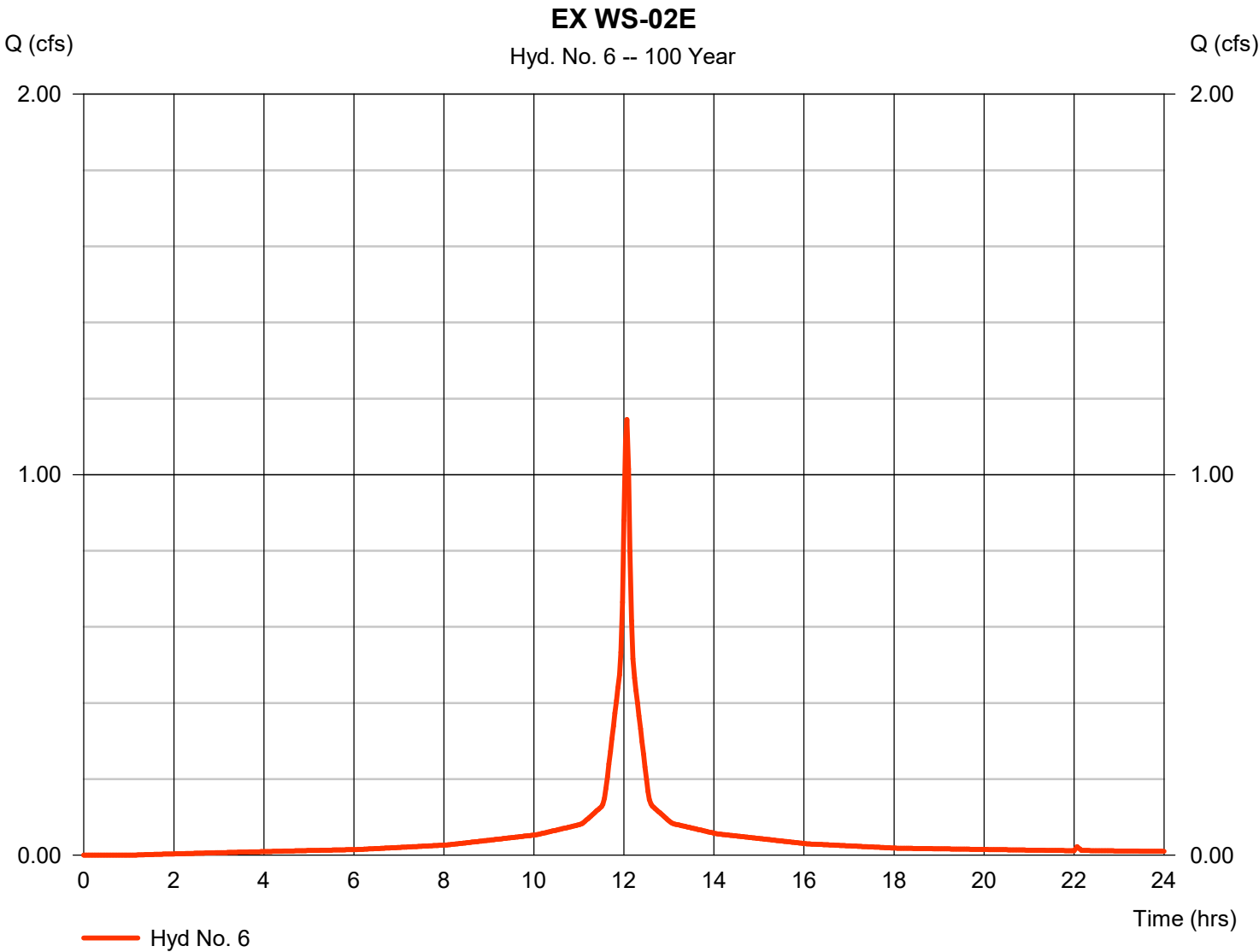
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 6

EX WS-02E

Hydrograph type	= SCS Runoff	Peak discharge	= 1.145 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 3,905 cuft
Drainage area	= 0.146 ac	Curve number	= 96
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 8.34 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

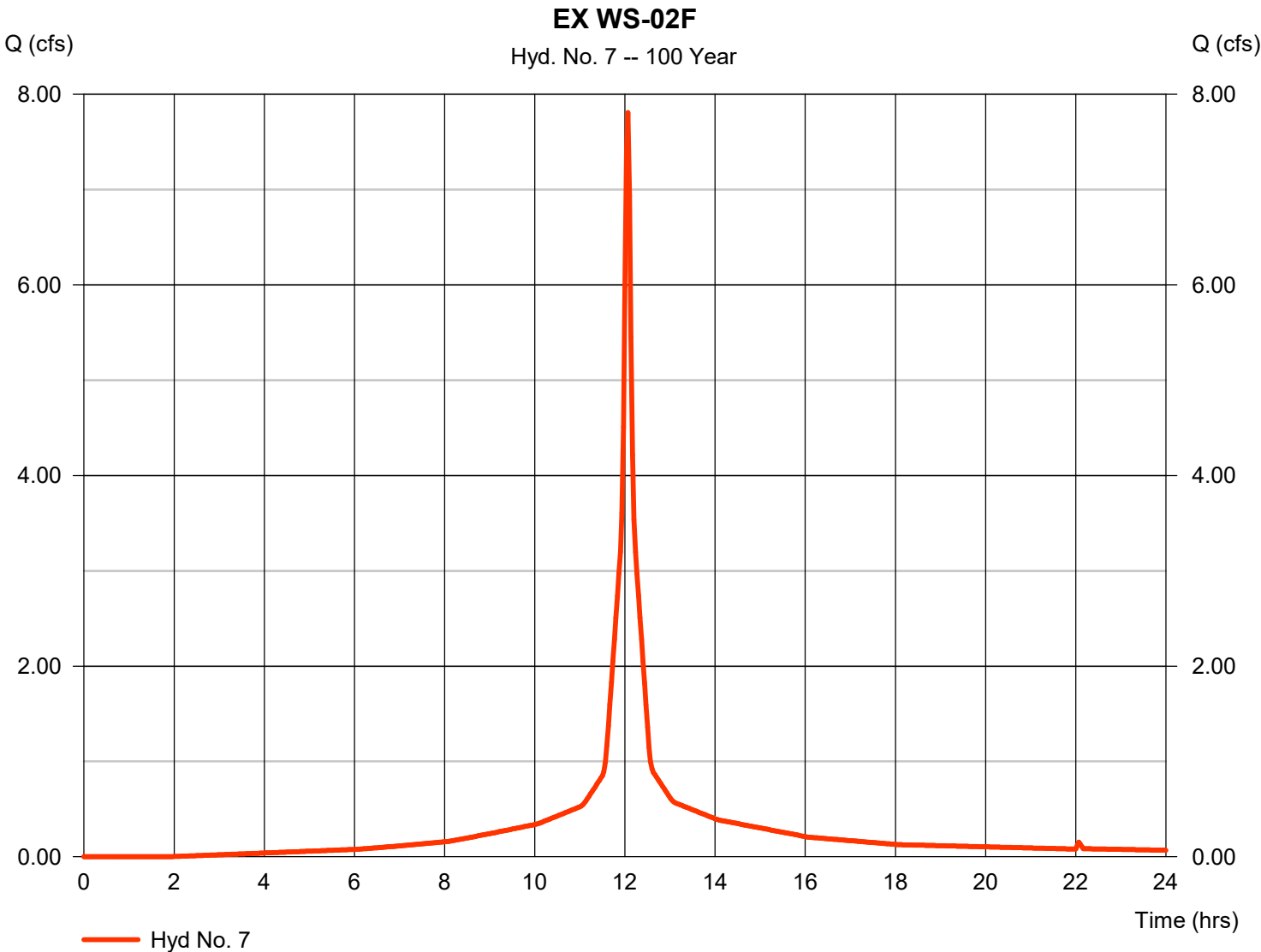
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 7

EX WS-02F

Hydrograph type	= SCS Runoff	Peak discharge	= 7.807 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 25,830 cuft
Drainage area	= 1.012 ac	Curve number	= 93
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.50 min
Total precip.	= 8.34 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

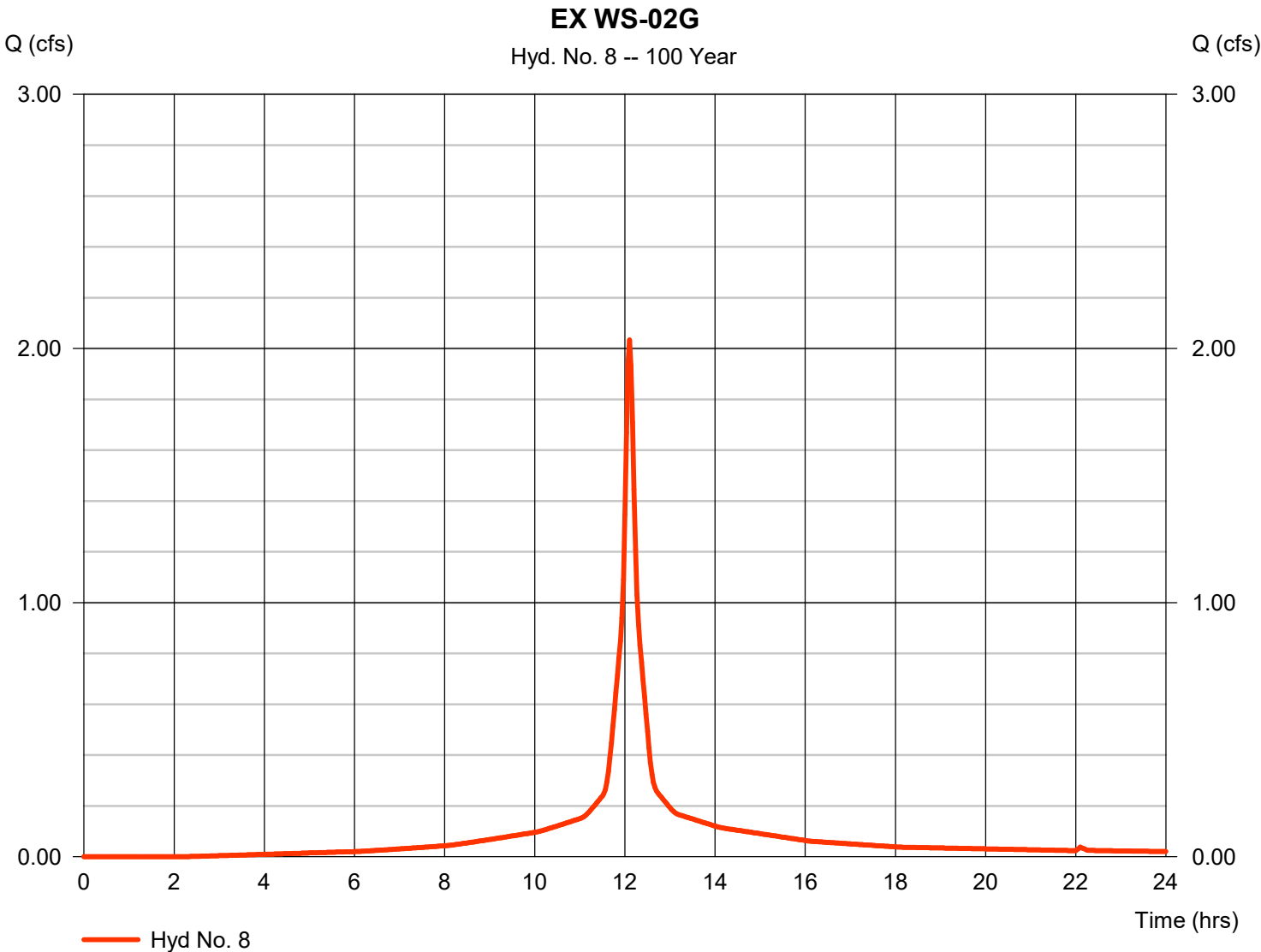
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 8

EX WS-02G

Hydrograph type	= SCS Runoff	Peak discharge	= 2.033 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.10 hrs
Time interval	= 2 min	Hyd. volume	= 7,555 cuft
Drainage area	= 0.282 ac	Curve number	= 92
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 6.90 min
Total precip.	= 8.34 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

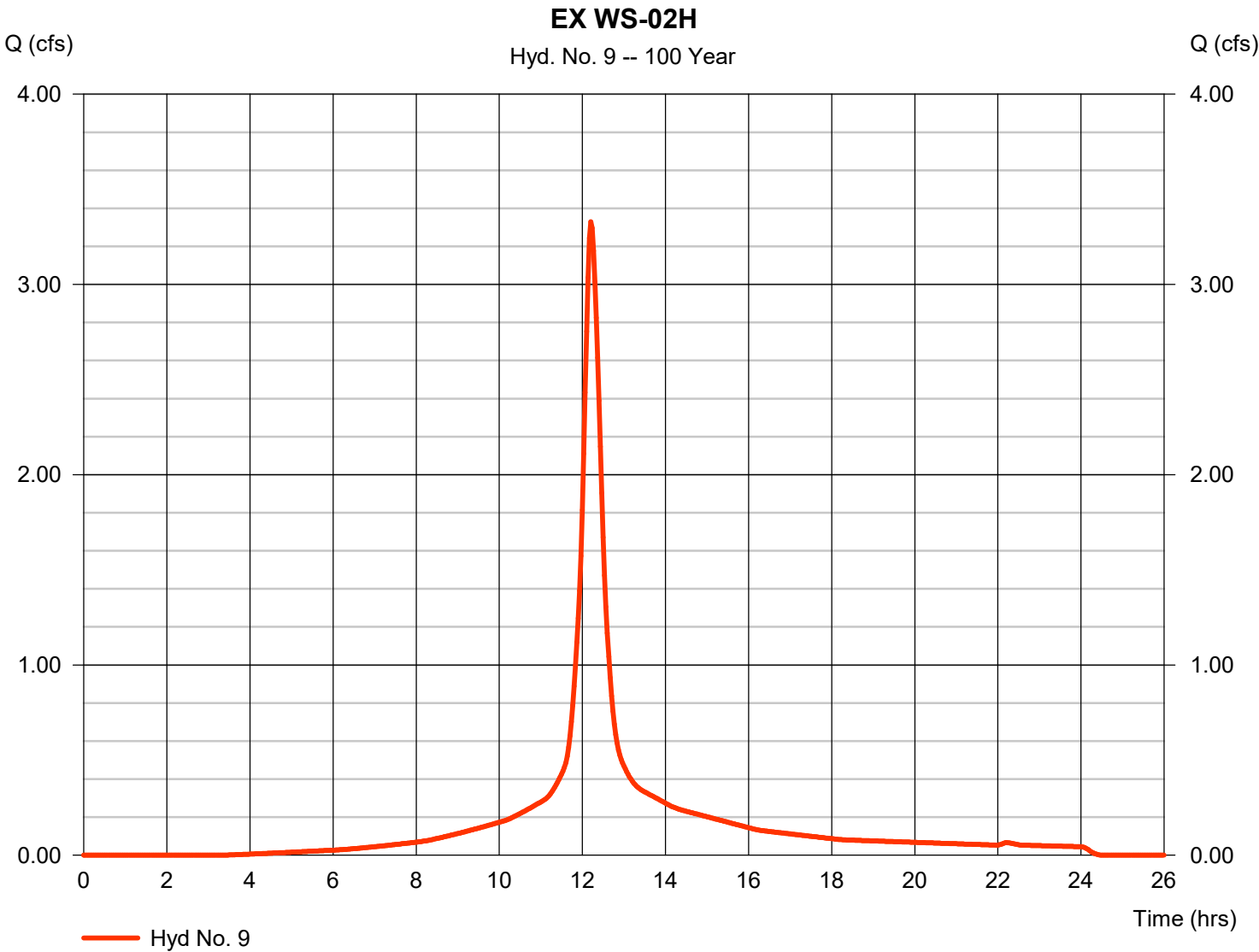
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 9

EX WS-02H

Hydrograph type	= SCS Runoff	Peak discharge	= 3.330 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.20 hrs
Time interval	= 2 min	Hyd. volume	= 15,431 cuft
Drainage area	= 0.616 ac	Curve number	= 88
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 17.30 min
Total precip.	= 8.34 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

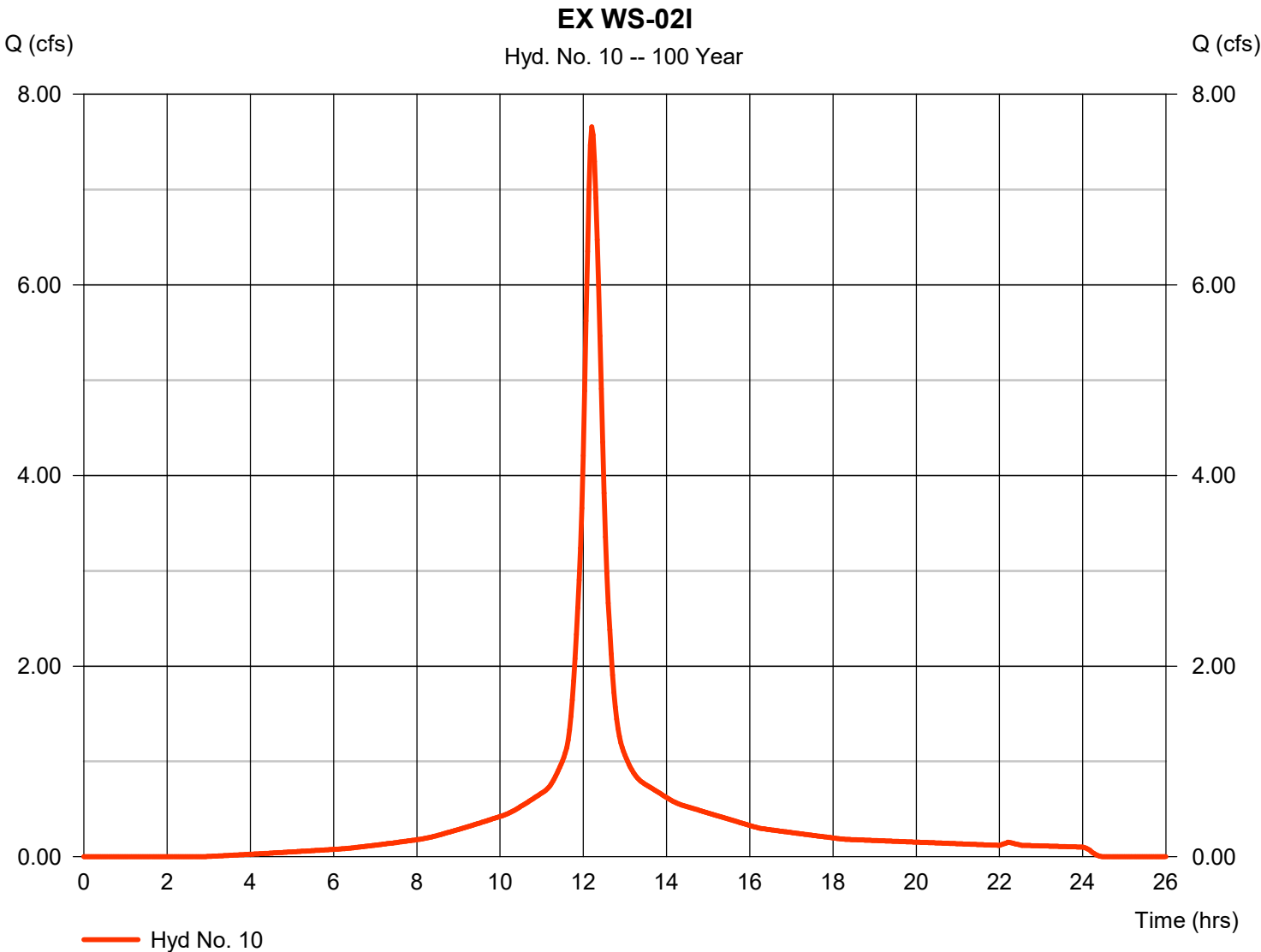
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 10

EX WS-02I

Hydrograph type	= SCS Runoff	Peak discharge	= 7.659 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.20 hrs
Time interval	= 2 min	Hyd. volume	= 35,951 cuft
Drainage area	= 1.387 ac	Curve number	= 90
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 18.60 min
Total precip.	= 8.34 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

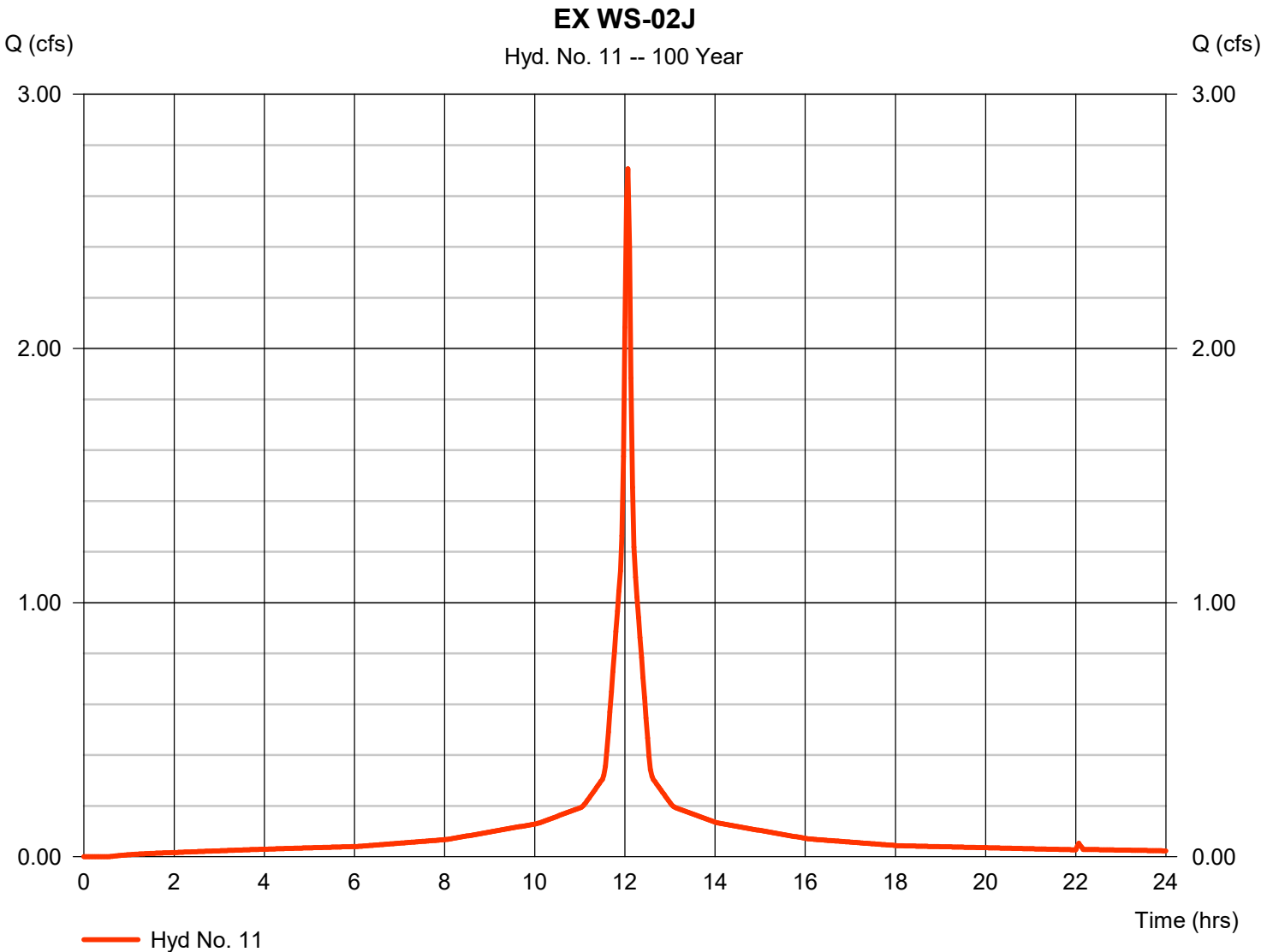
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 11

EX WS-02J

Hydrograph type	= SCS Runoff	Peak discharge	= 2.707 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 9,455 cuft
Drainage area	= 0.343 ac	Curve number	= 98
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 8.34 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

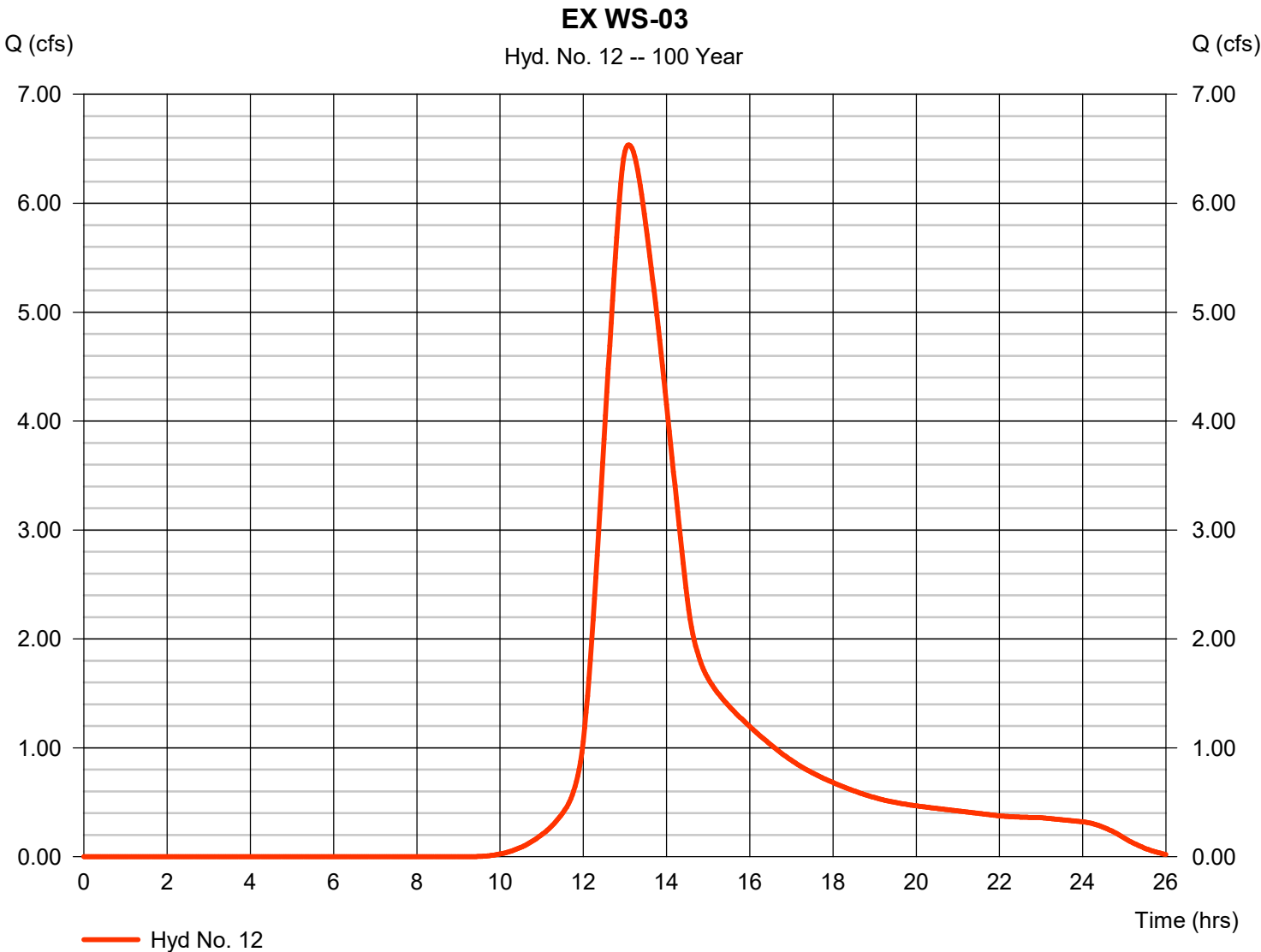
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 12

EX WS-03

Hydrograph type	= SCS Runoff	Peak discharge	= 6.537 cfs
Storm frequency	= 100 yrs	Time to peak	= 13.10 hrs
Time interval	= 2 min	Hyd. volume	= 67,780 cuft
Drainage area	= 4.907 ac	Curve number	= 62
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 95.00 min
Total precip.	= 8.34 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

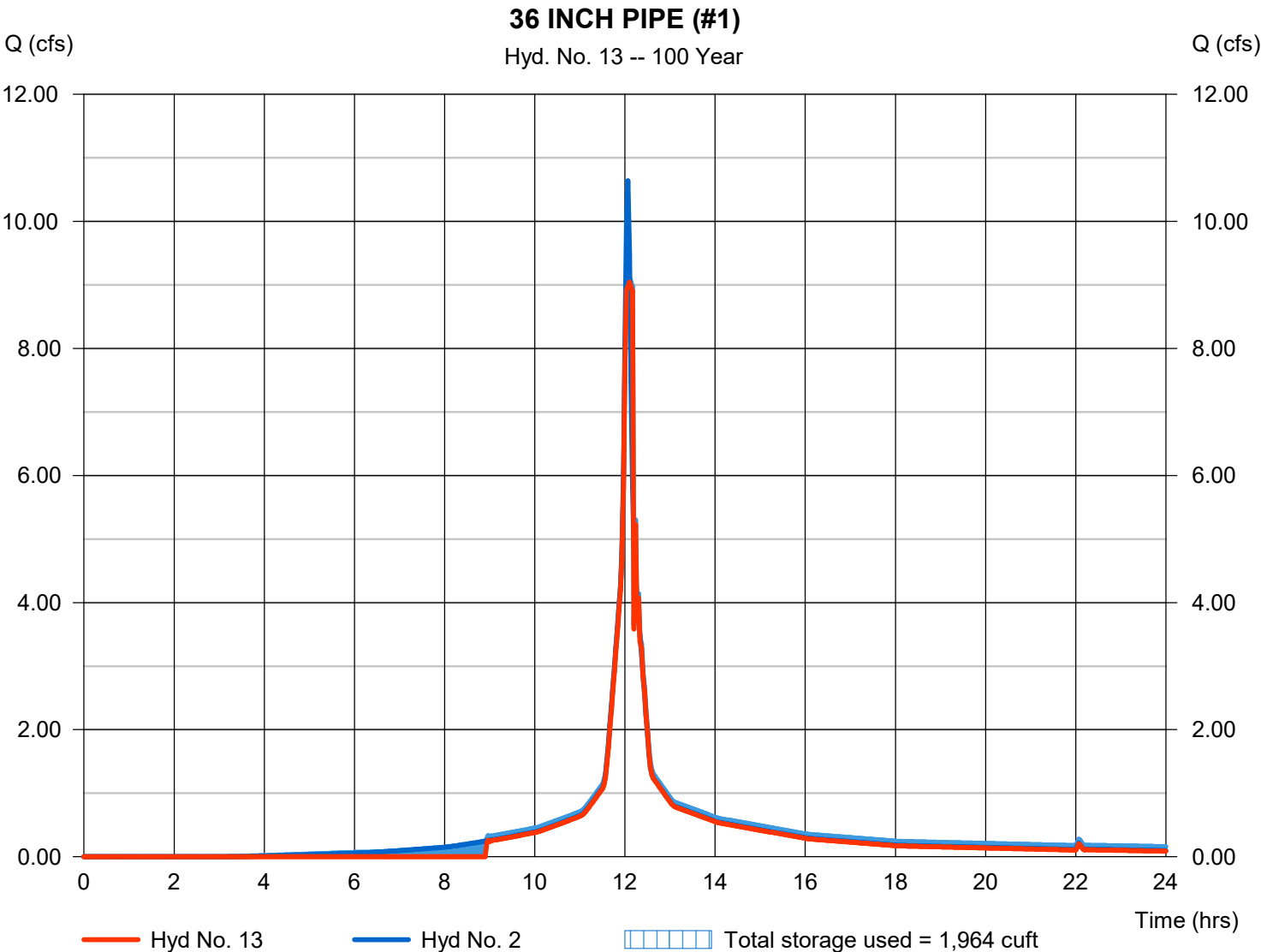
Thursday, 04 / 4 / 2024

Hyd. No. 13

36 INCH PIPE (#1)

Hydrograph type	= Reservoir	Peak discharge	= 9.045 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.10 hrs
Time interval	= 2 min	Hyd. volume	= 31,545 cuft
Inflow hyd. No.	= 2 - EX WS-02A	Max. Elevation	= 144.45 ft
Reservoir name	= 36IN - 1	Max. Storage	= 1,964 cuft

Storage Indication method used. Exfiltration extracted from Outflow.



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

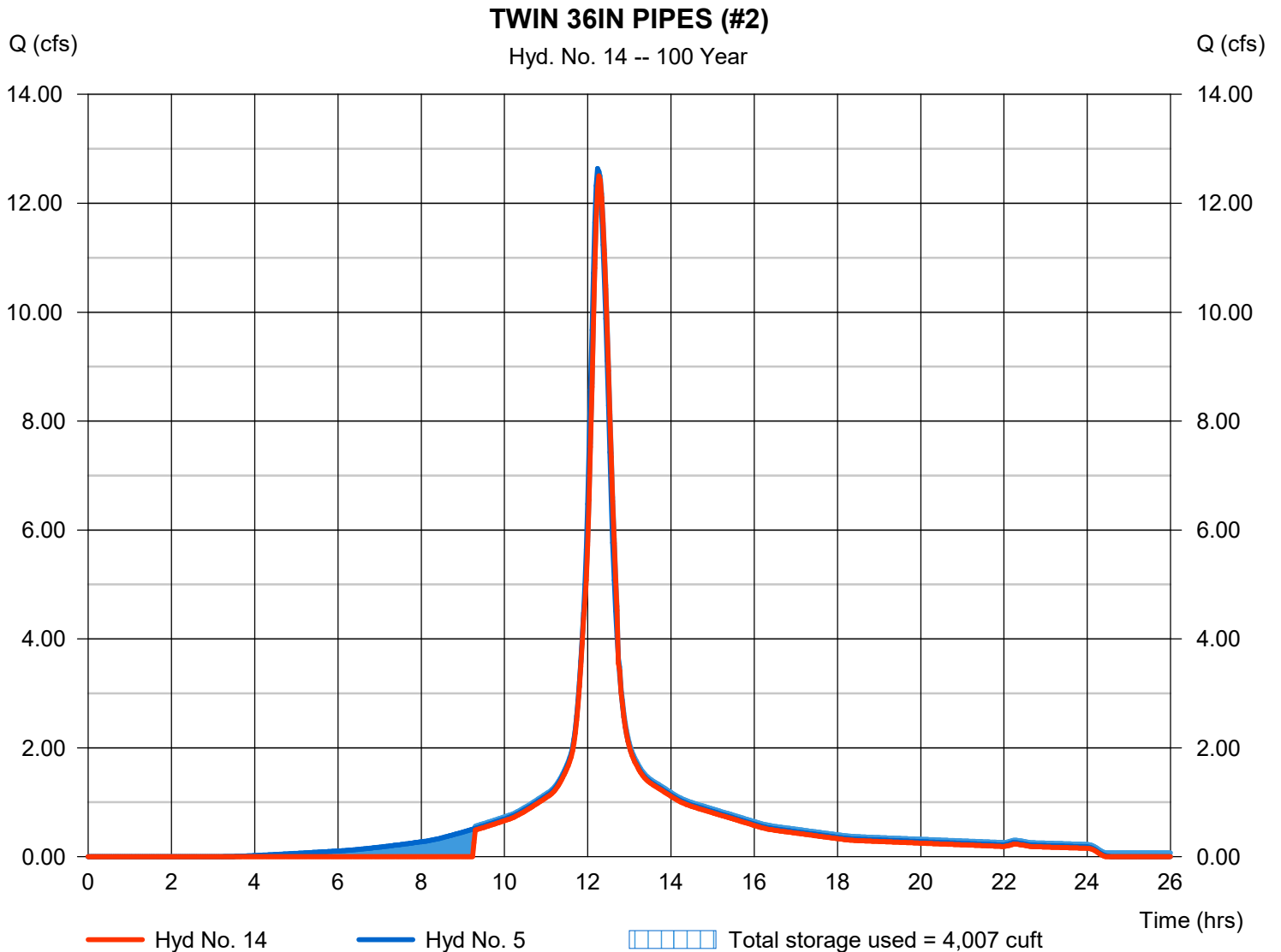
Thursday, 04 / 4 / 2024

Hyd. No. 14

TWIN 36IN PIPES (#2)

Hydrograph type	= Reservoir	Peak discharge	= 12.50 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.27 hrs
Time interval	= 2 min	Hyd. volume	= 57,780 cuft
Inflow hyd. No.	= 5 - EX WS-02D	Max. Elevation	= 139.20 ft
Reservoir name	= Northern Twin 36IN	Max. Storage	= 4,007 cuft

Storage Indication method used. Exfiltration extracted from Outflow.



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

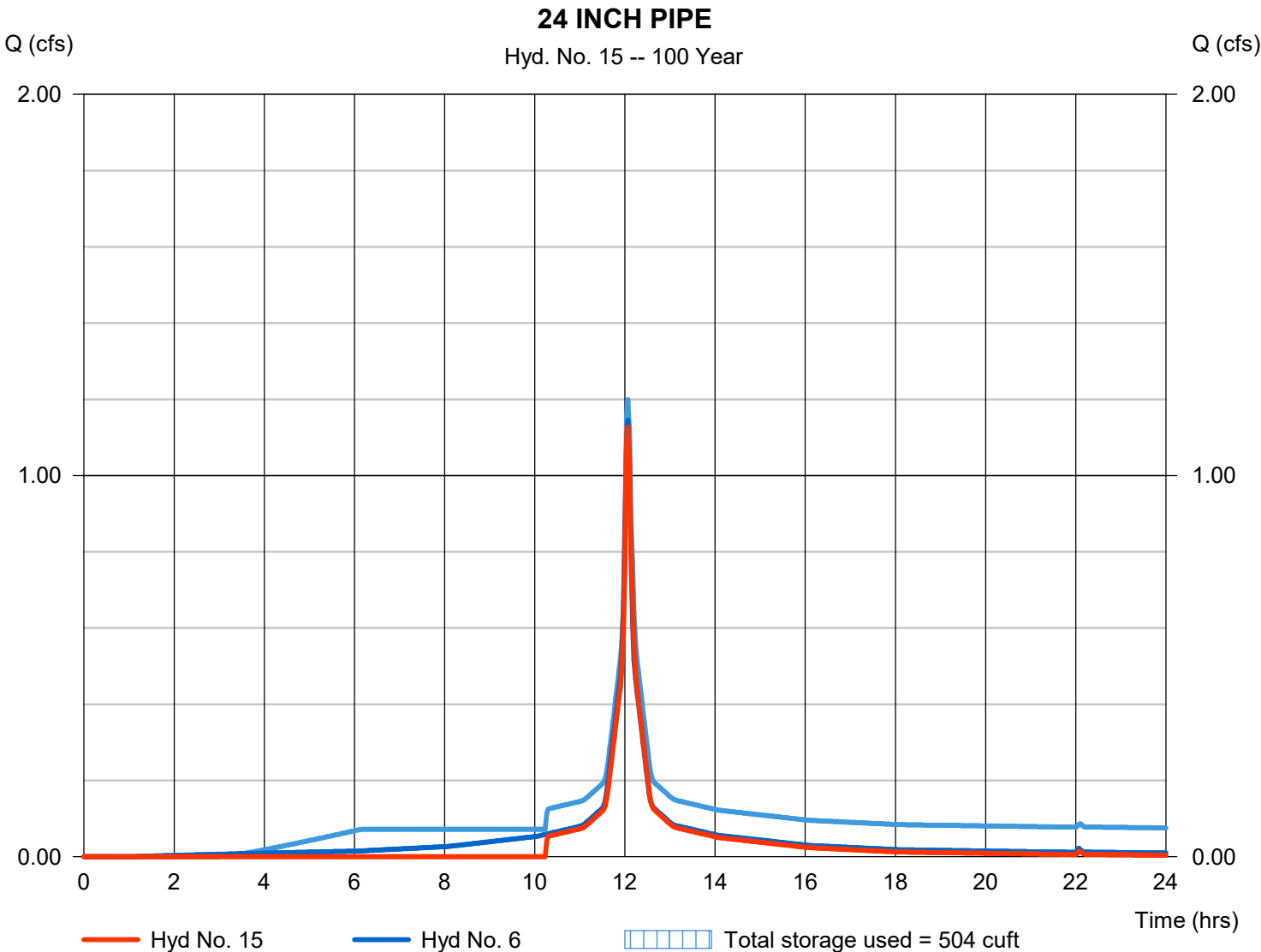
Thursday, 04 / 4 / 2024

Hyd. No. 15

24 INCH PIPE

Hydrograph type	= Reservoir	Peak discharge	= 1.127 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 2,988 cuft
Inflow hyd. No.	= 6 - EX WS-02E	Max. Elevation	= 139.65 ft
Reservoir name	= 24IN	Max. Storage	= 504 cuft

Storage Indication method used. Exfiltration extracted from Outflow.



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

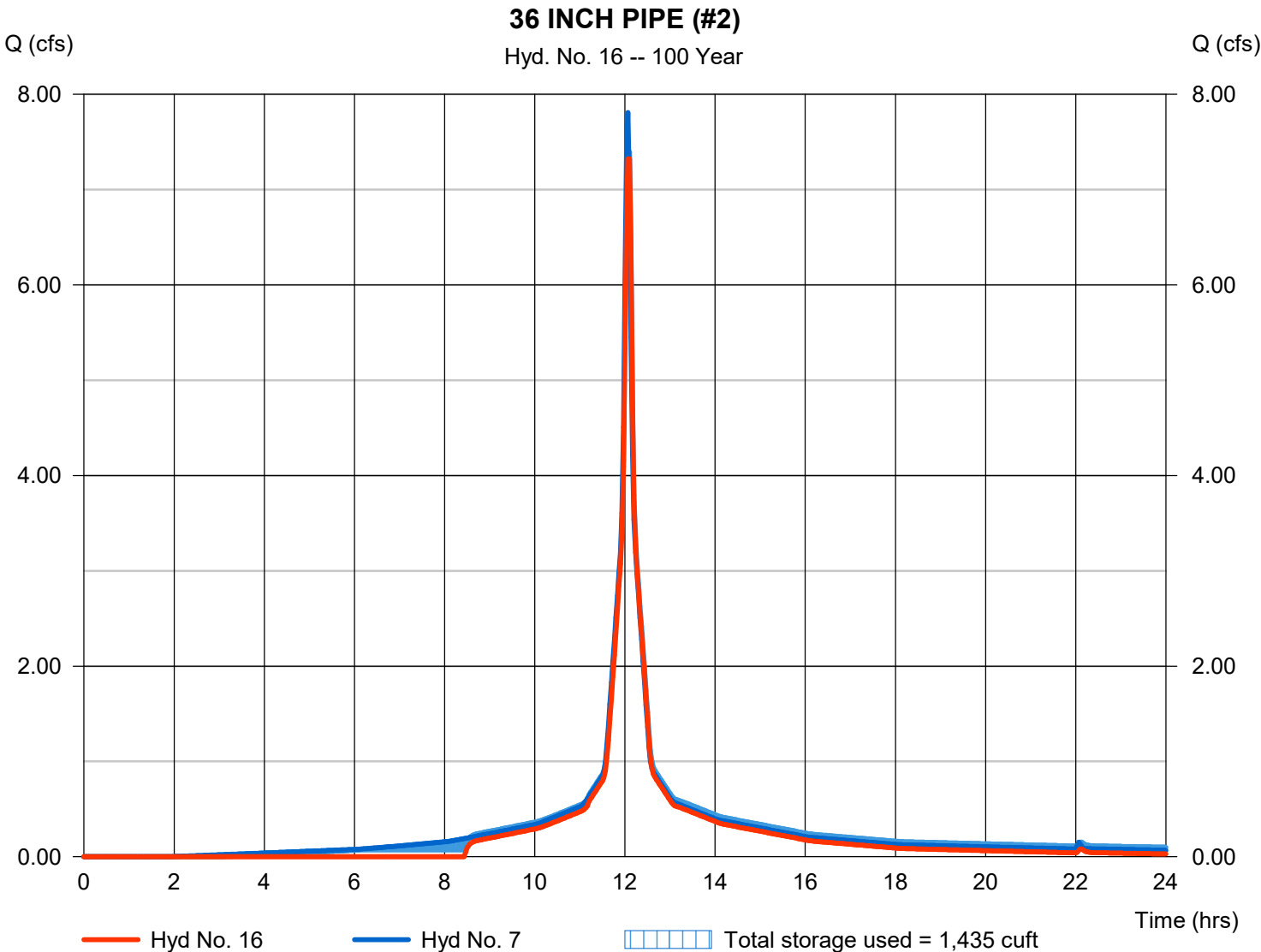
Thursday, 04 / 4 / 2024

Hyd. No. 16

36 INCH PIPE (#2)

Hydrograph type	= Reservoir	Peak discharge	= 7.323 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.10 hrs
Time interval	= 2 min	Hyd. volume	= 21,887 cuft
Inflow hyd. No.	= 7 - EX WS-02F	Max. Elevation	= 139.57 ft
Reservoir name	= 36in - 2	Max. Storage	= 1,435 cuft

Storage Indication method used. Exfiltration extracted from Outflow.



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

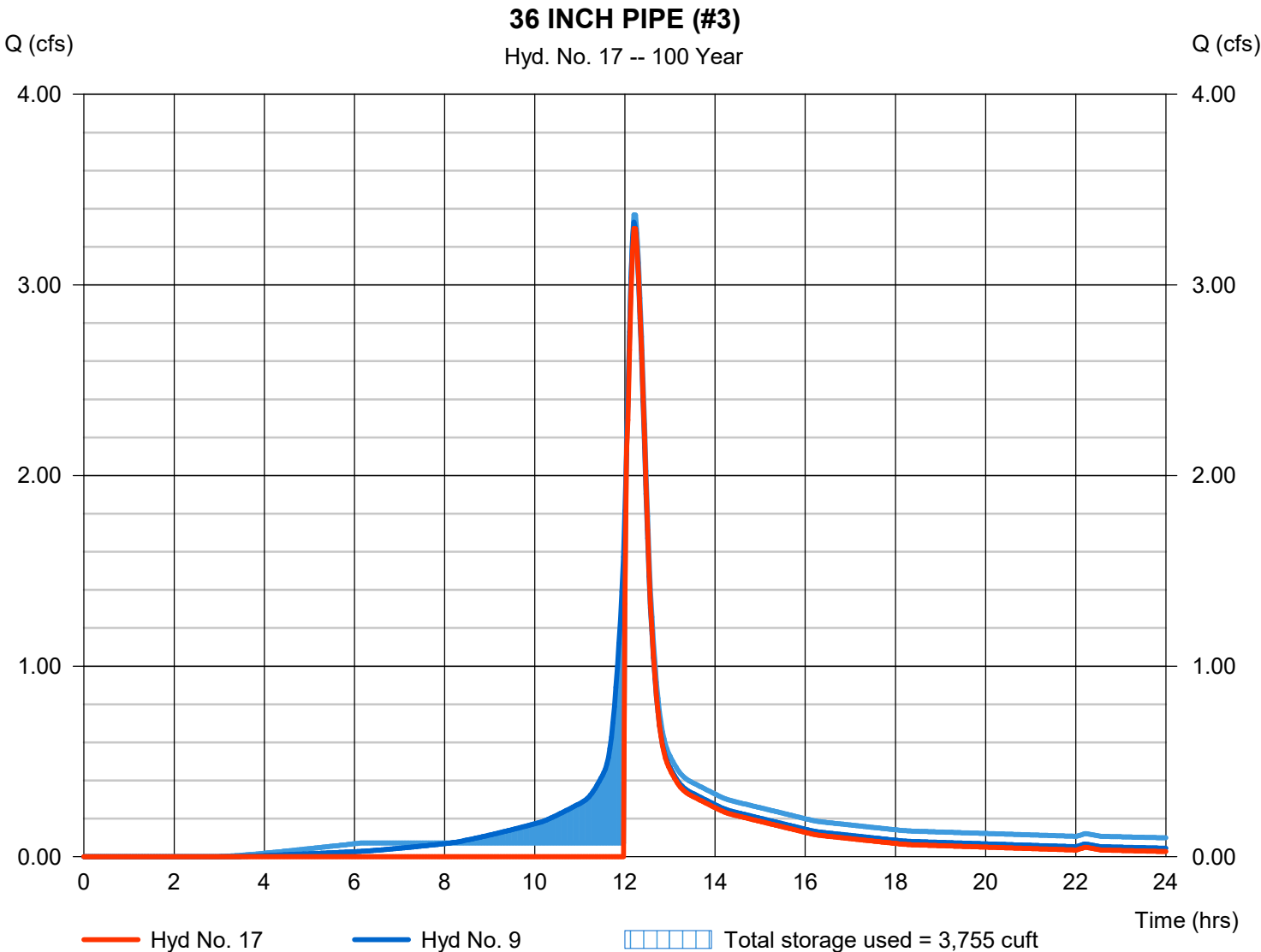
Thursday, 04 / 4 / 2024

Hyd. No. 17

36 INCH PIPE (#3)

Hydrograph type	= Reservoir	Peak discharge	= 3.297 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.20 hrs
Time interval	= 2 min	Hyd. volume	= 10,550 cuft
Inflow hyd. No.	= 9 - EX WS-02H	Max. Elevation	= 137.50 ft
Reservoir name	= 36in - 3	Max. Storage	= 3,755 cuft

Storage Indication method used. Exfiltration extracted from Outflow.



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

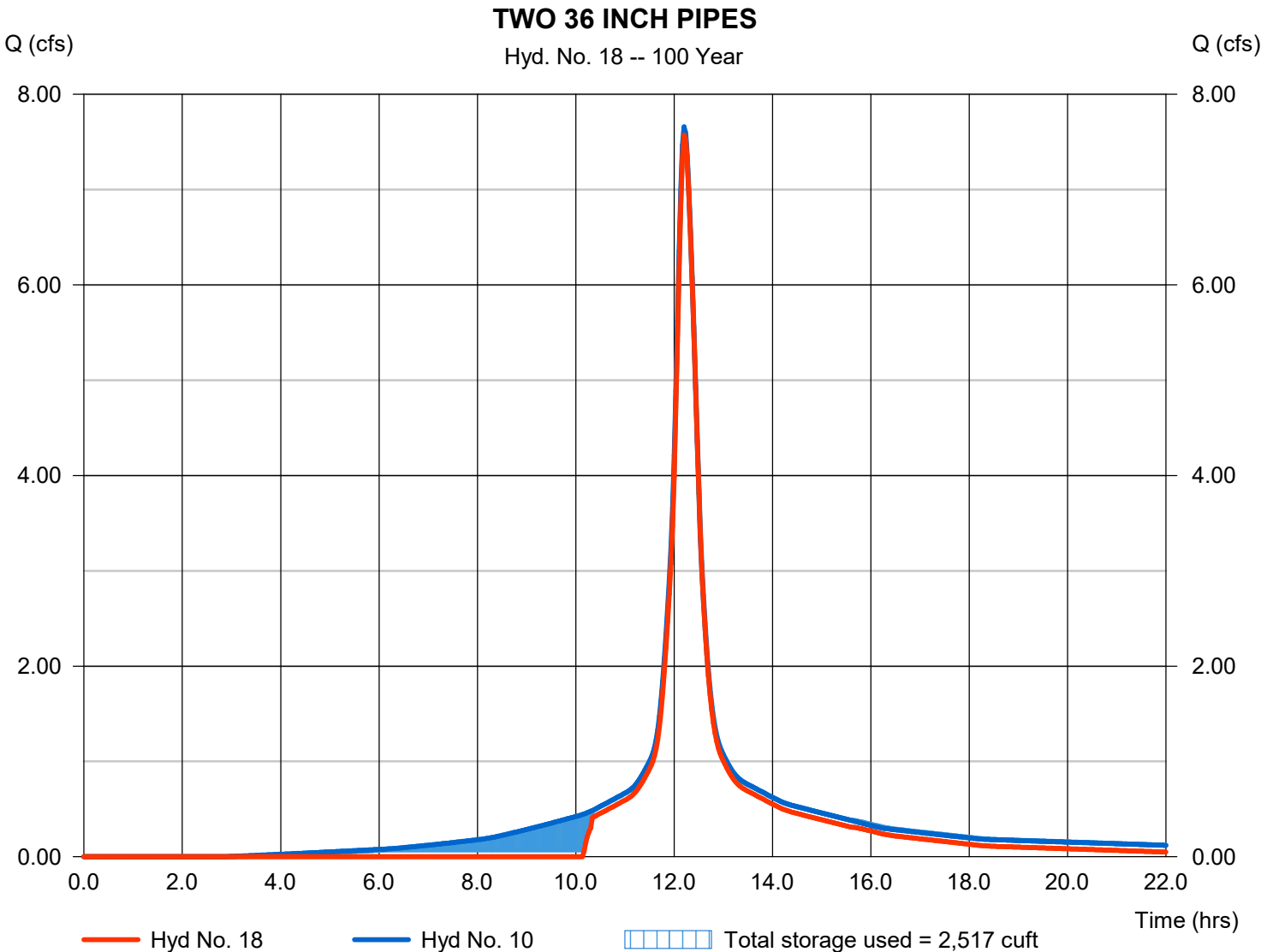
Thursday, 04 / 4 / 2024

Hyd. No. 18

TWO 36 INCH PIPES

Hydrograph type	= Reservoir	Peak discharge	= 7.572 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.20 hrs
Time interval	= 2 min	Hyd. volume	= 28,677 cuft
Inflow hyd. No.	= 10 - EX WS-02I	Max. Elevation	= 135.77 ft
Reservoir name	= TWIN 36IN	Max. Storage	= 2,517 cuft

Storage Indication method used. Exfiltration extracted from Outflow.



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

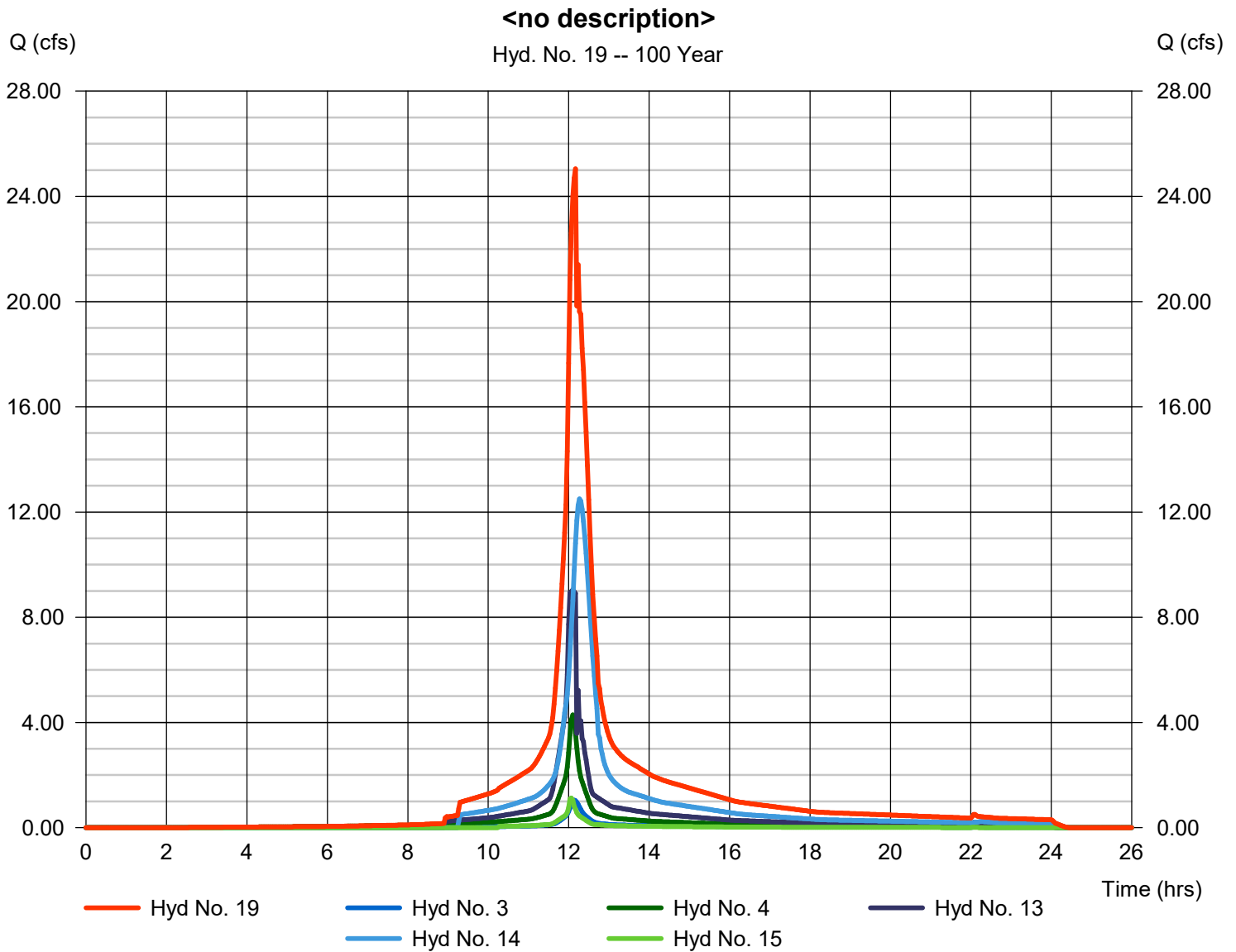
Thursday, 04 / 4 / 2024

Hyd. No. 19

<no description>

Hydrograph type = Combine
Storm frequency = 100 yrs
Time interval = 2 min
Inflow hyds. = 3, 4, 13, 14, 15

Peak discharge = 25.05 cfs
Time to peak = 12.17 hrs
Hyd. volume = 112,433 cuft
Contrib. drain. area = 0.776 ac



Hydrograph Report

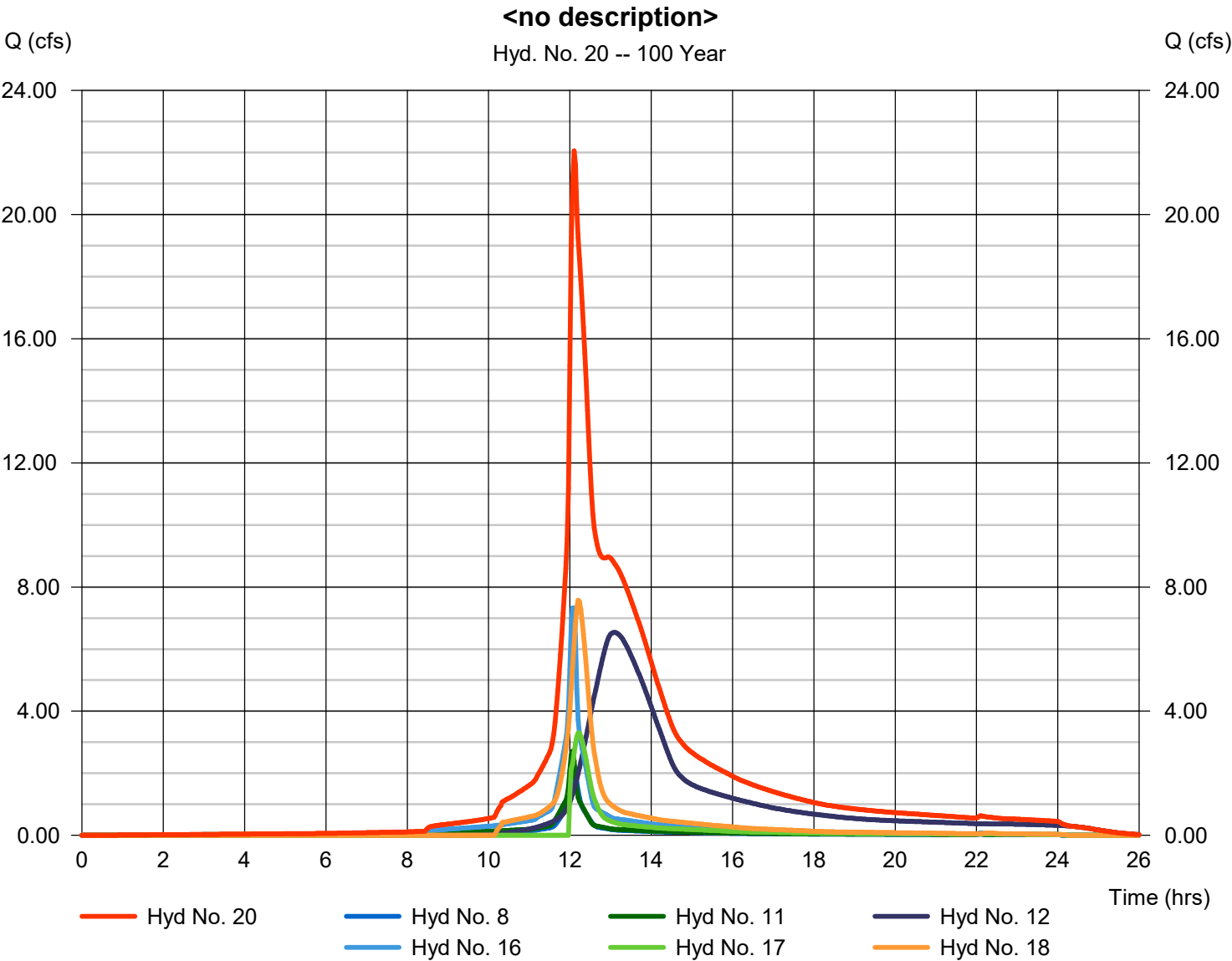
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 20

<no description>

Hydrograph type	= Combine	Peak discharge	= 22.06 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.10 hrs
Time interval	= 2 min	Hyd. volume	= 145,904 cuft
Inflow hyds.	= 8, 11, 12, 16, 17, 18	Contrib. drain. area	= 5.532 ac



Hydrograph Report

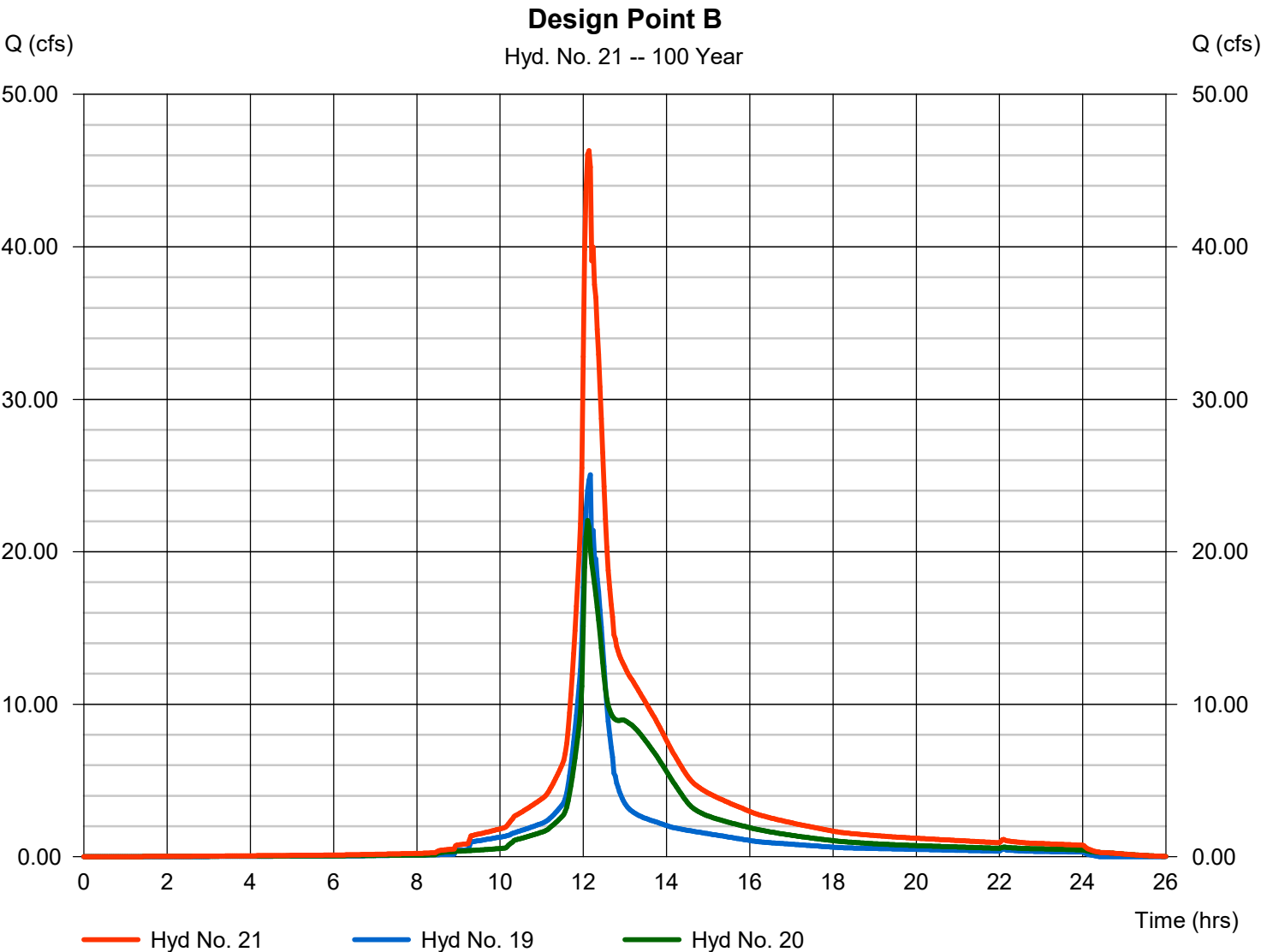
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 21

Design Point B

Hydrograph type	= Combine	Peak discharge	= 46.31 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.13 hrs
Time interval	= 2 min	Hyd. volume	= 258,337 cuft
Inflow hyds.	= 19, 20	Contrib. drain. area	= 0.000 ac



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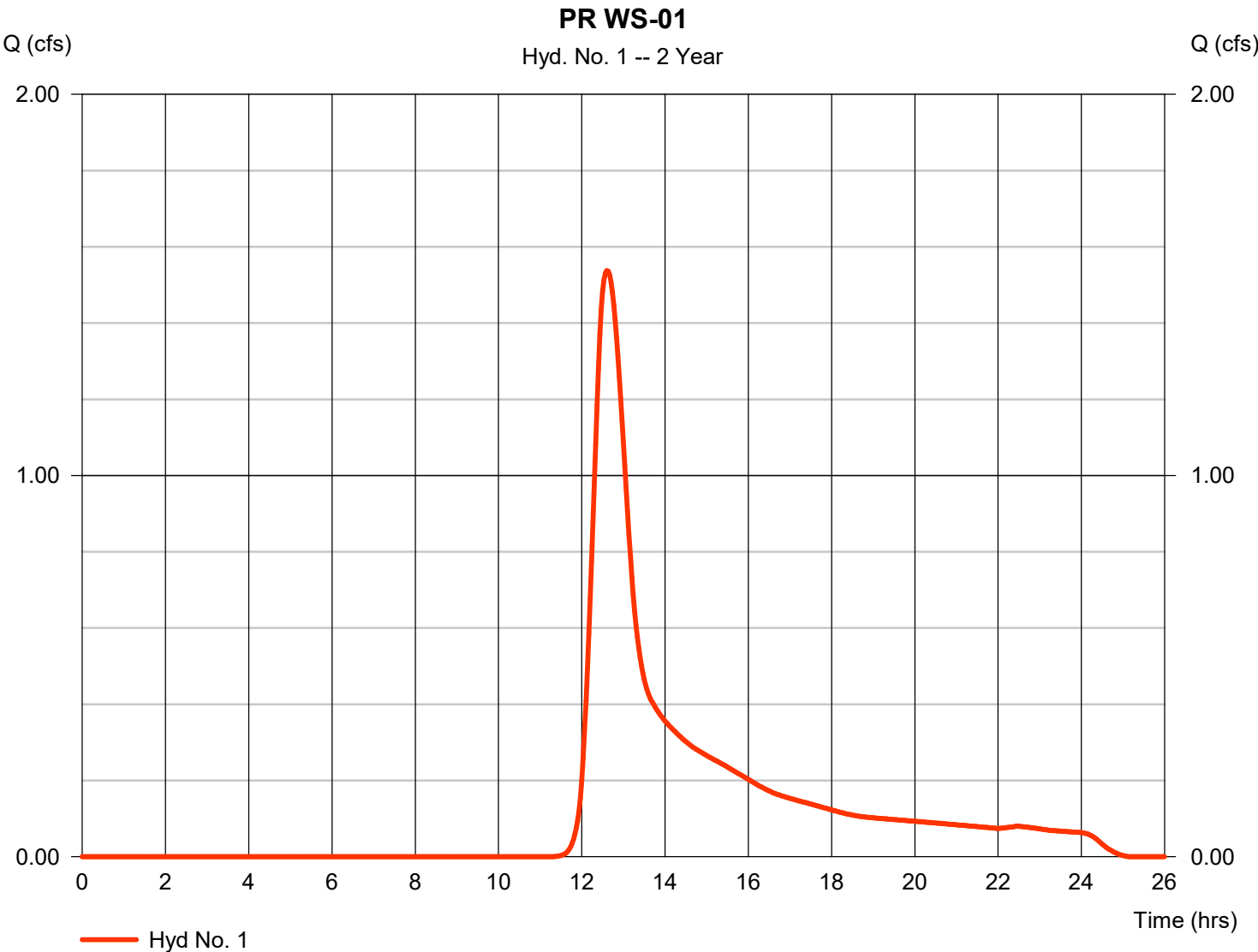
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Hydrograph Report

Hyd. No. 1

PR WS-01

Hydrograph type	= SCS Runoff	Peak discharge	= 1.538 cfs
Storm frequency	= 2 yrs	Time to peak	= 12.60 hrs
Time interval	= 2 min	Hyd. volume	= 11,183 cuft
Drainage area	= 3.405 ac	Curve number	= 68
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 45.70 min
Total precip.	= 3.52 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

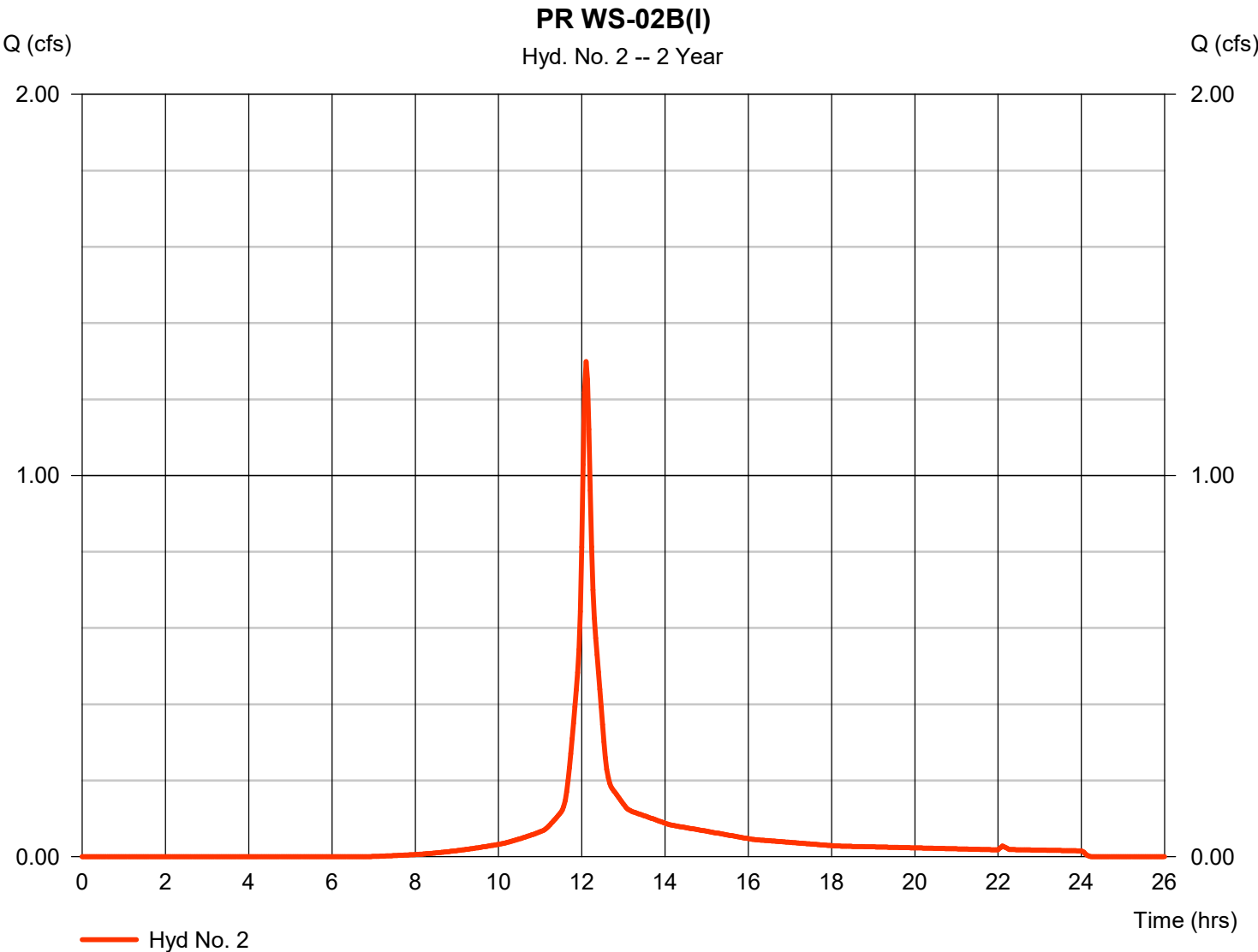


Hydrograph Report

Hyd. No. 2

PR WS-02B(I)

Hydrograph type	= SCS Runoff	Peak discharge	= 1.299 cfs
Storm frequency	= 2 yrs	Time to peak	= 12.10 hrs
Time interval	= 2 min	Hyd. volume	= 4,449 cuft
Drainage area	= 0.557 ac	Curve number	= 87
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 7.40 min
Total precip.	= 3.52 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

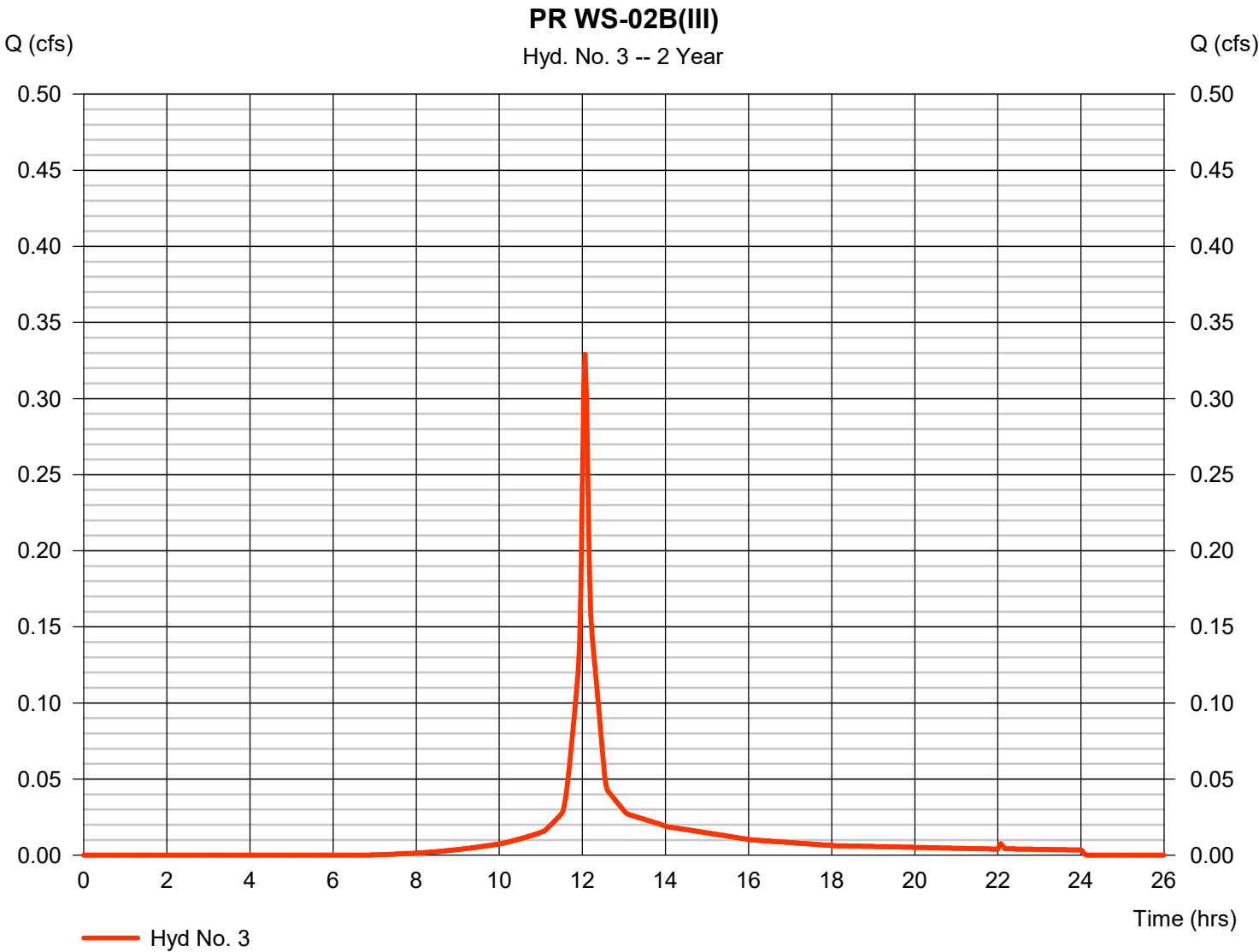


Hydrograph Report

Hyd. No. 3

PR WS-02B(III)

Hydrograph type	= SCS Runoff	Peak discharge	= 0.329 cfs
Storm frequency	= 2 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 988 cuft
Drainage area	= 0.132 ac	Curve number	= 87
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 3.52 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

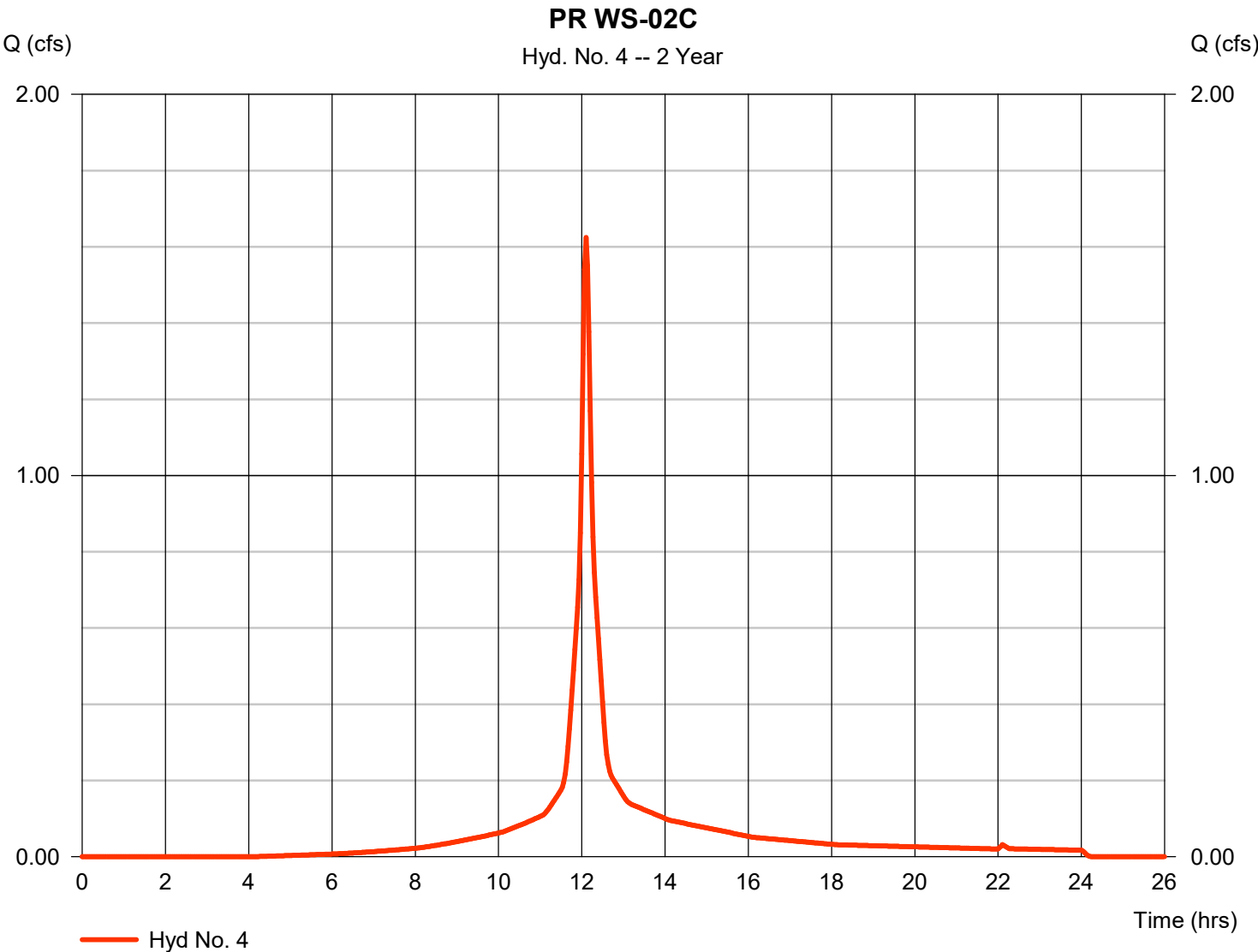


Hydrograph Report

Hyd. No. 4

PR WS-02C

Hydrograph type	= SCS Runoff	Peak discharge	= 1.625 cfs
Storm frequency	= 2 yrs	Time to peak	= 12.10 hrs
Time interval	= 2 min	Hyd. volume	= 5,759 cuft
Drainage area	= 0.576 ac	Curve number	= 93
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 9.40 min
Total precip.	= 3.52 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

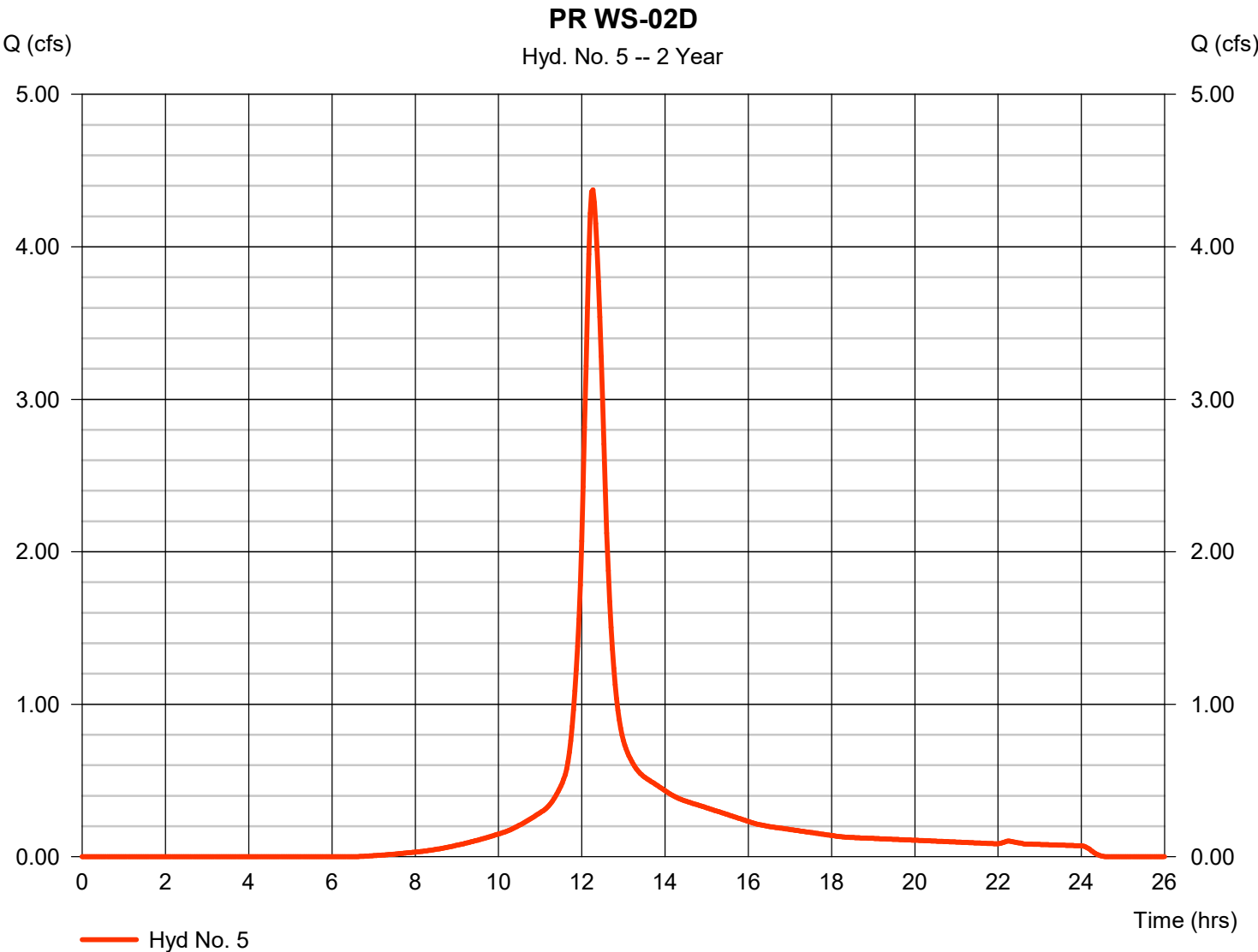


Hydrograph Report

Hyd. No. 5

PR WS-02D

Hydrograph type	= SCS Runoff	Peak discharge	= 4.374 cfs
Storm frequency	= 2 yrs	Time to peak	= 12.27 hrs
Time interval	= 2 min	Hyd. volume	= 20,803 cuft
Drainage area	= 2.462 ac	Curve number	= 88
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 22.10 min
Total precip.	= 3.52 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

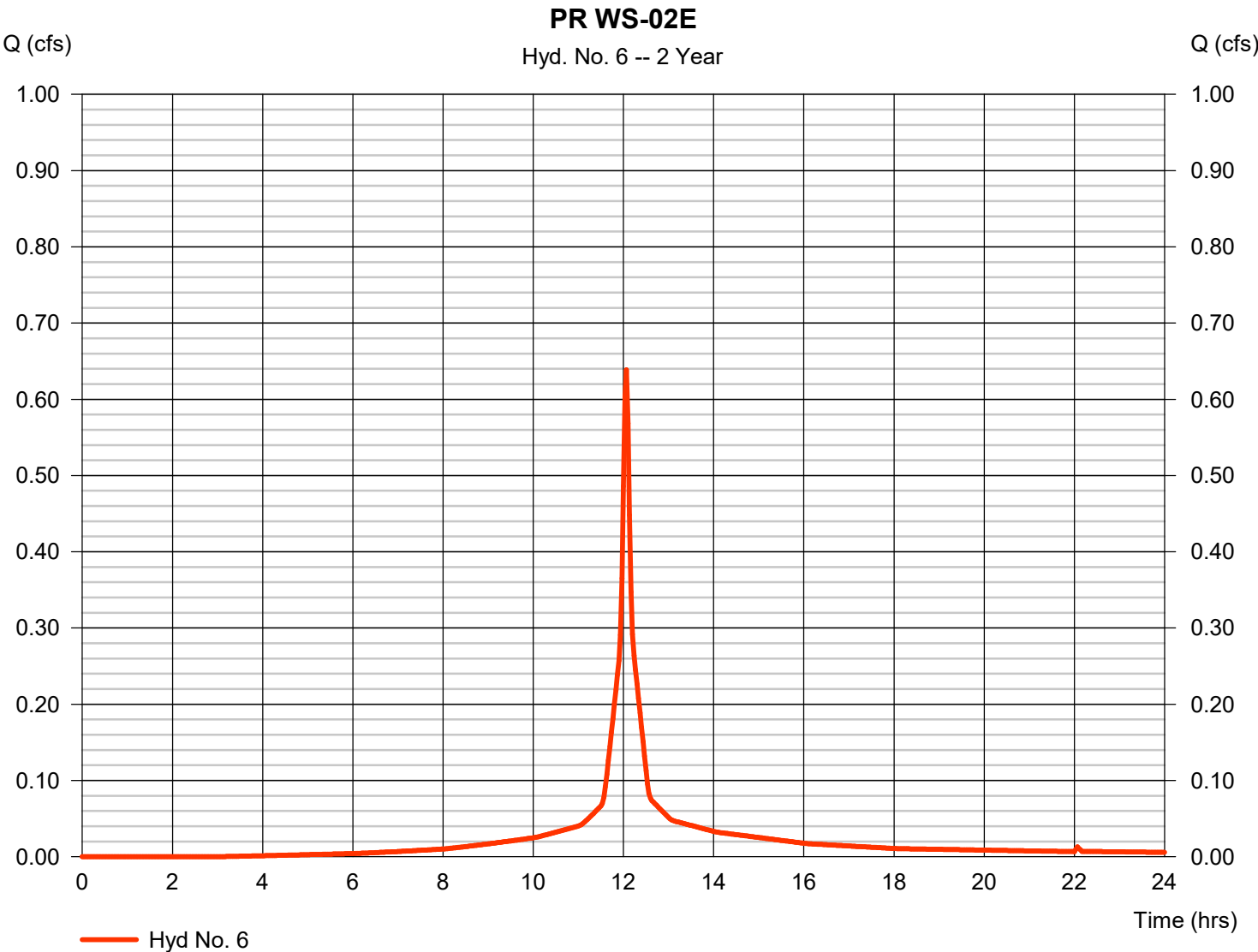


Hydrograph Report

Hyd. No. 6

PR WS-02E

Hydrograph type	= SCS Runoff	Peak discharge	= 0.639 cfs
Storm frequency	= 2 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 2,044 cuft
Drainage area	= 0.203 ac	Curve number	= 95
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 3.52 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

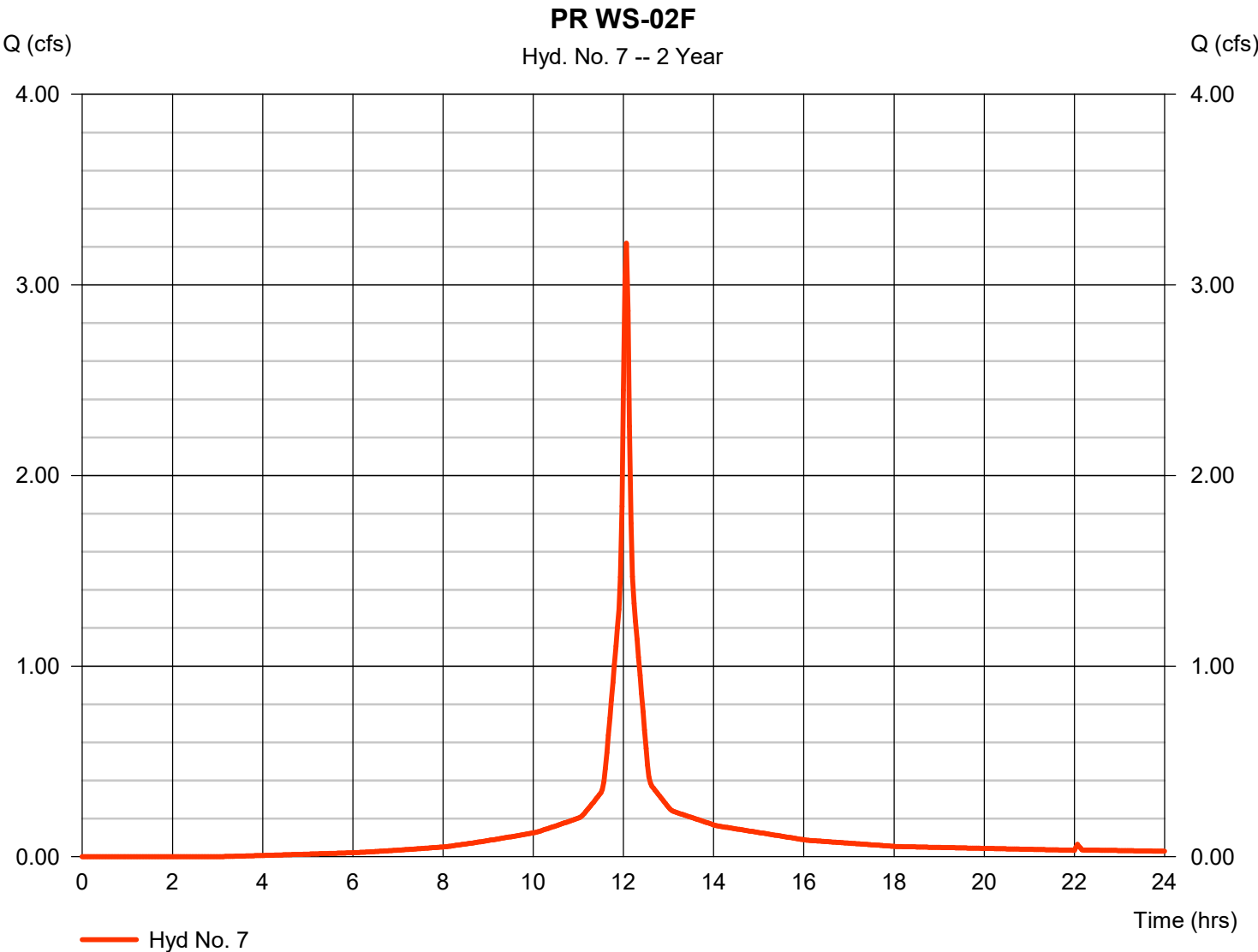


Hydrograph Report

Hyd. No. 7

PR WS-02F

Hydrograph type	= SCS Runoff	Peak discharge	= 3.218 cfs
Storm frequency	= 2 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 10,300 cuft
Drainage area	= 1.023 ac	Curve number	= 95
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 3.52 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

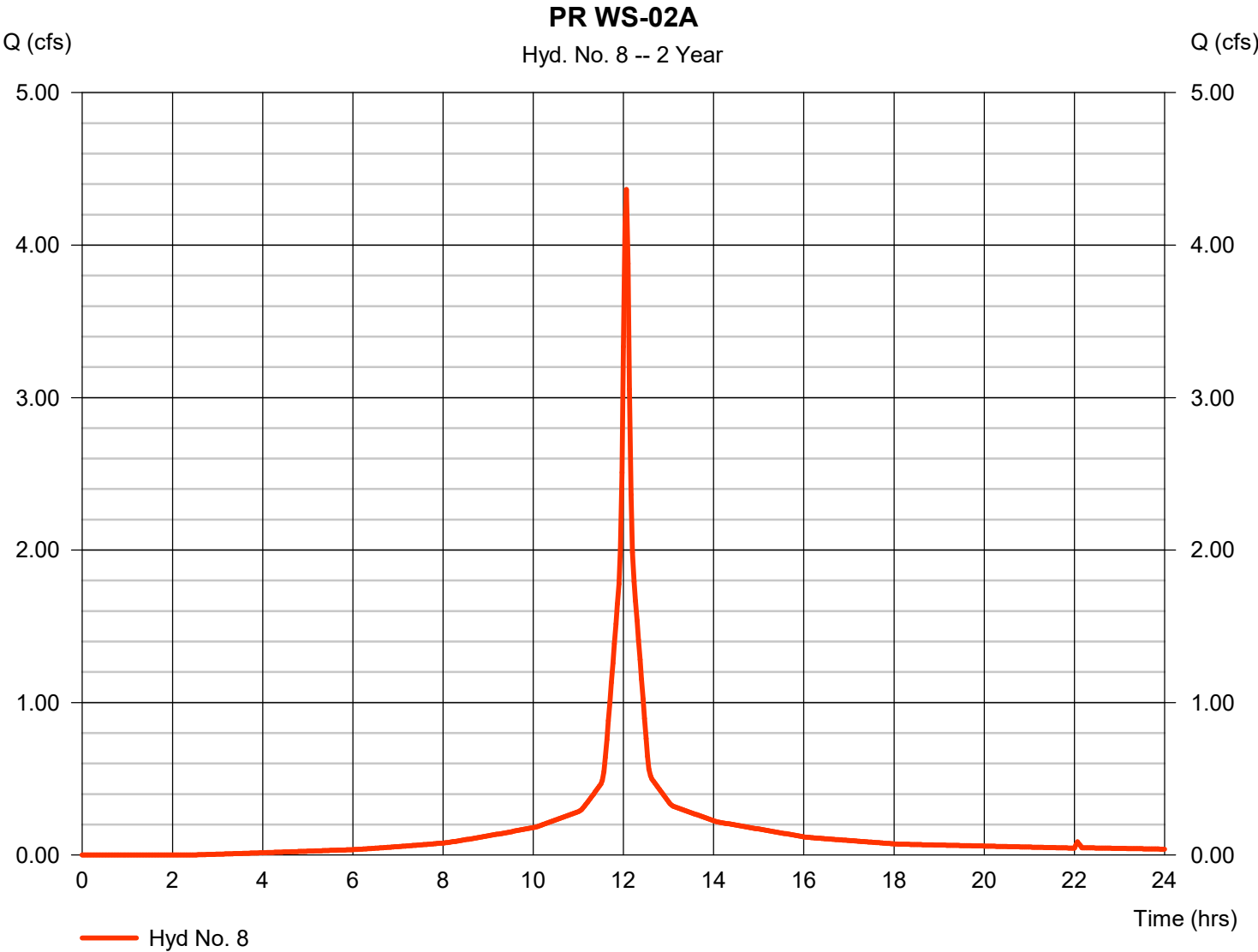


Hydrograph Report

Hyd. No. 8

PR WS-02A

Hydrograph type	= SCS Runoff	Peak discharge	= 4.365 cfs
Storm frequency	= 2 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 14,196 cuft
Drainage area	= 1.361 ac	Curve number	= 96
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 3.52 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

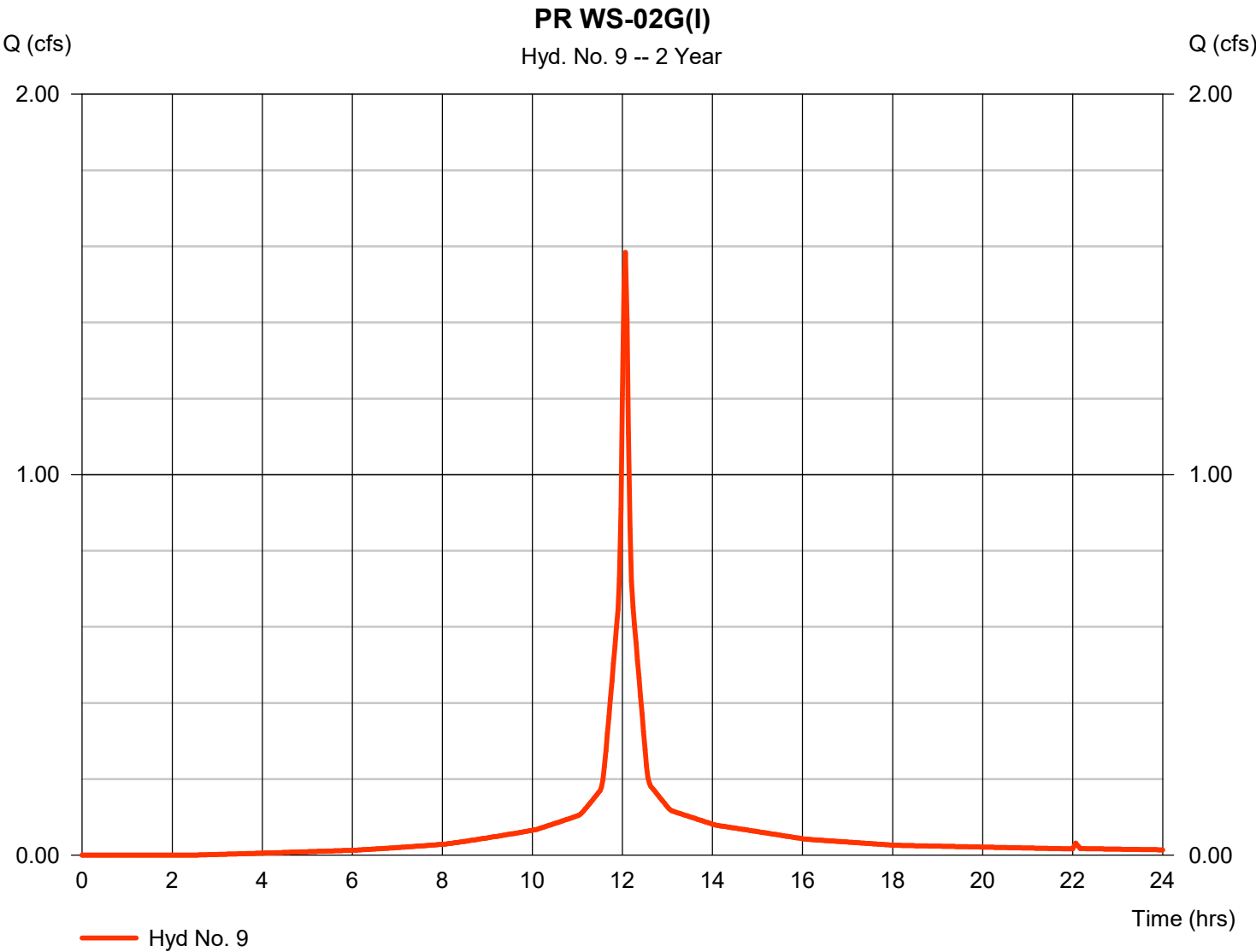
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 9

PR WS-02G(I)

Hydrograph type	= SCS Runoff	Peak discharge	= 1.584 cfs
Storm frequency	= 2 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 5,153 cuft
Drainage area	= 0.494 ac	Curve number	= 96
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 3.52 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

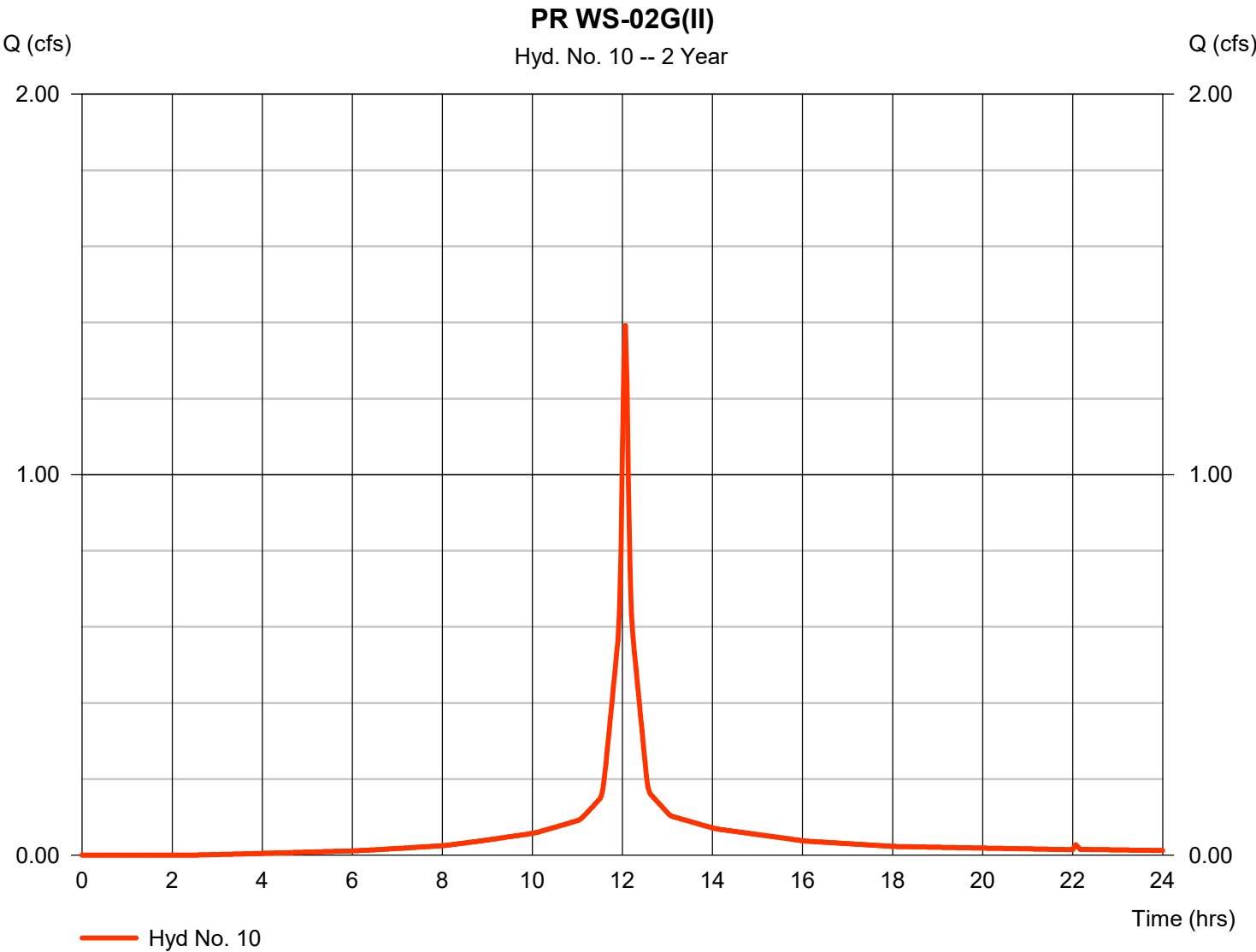


Hydrograph Report

Hyd. No. 10

PR WS-02G(II)

Hydrograph type	= SCS Runoff	Peak discharge	= 1.392 cfs
Storm frequency	= 2 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 4,527 cuft
Drainage area	= 0.434 ac	Curve number	= 96
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 3.52 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

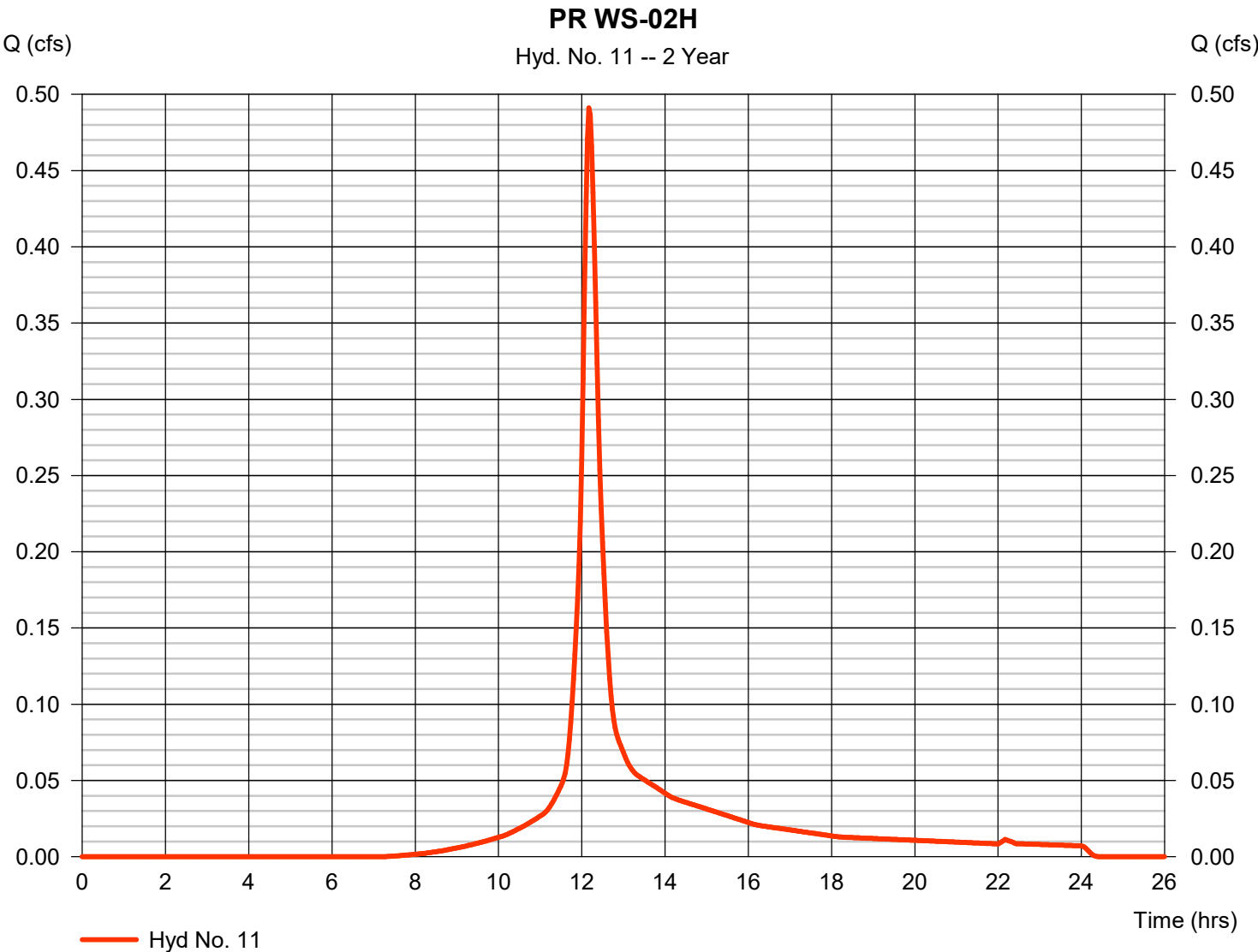
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 11

PR WS-02H

Hydrograph type	= SCS Runoff	Peak discharge	= 0.491 cfs
Storm frequency	= 2 yrs	Time to peak	= 12.17 hrs
Time interval	= 2 min	Hyd. volume	= 2,000 cuft
Drainage area	= 0.267 ac	Curve number	= 86
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 13.80 min
Total precip.	= 3.52 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

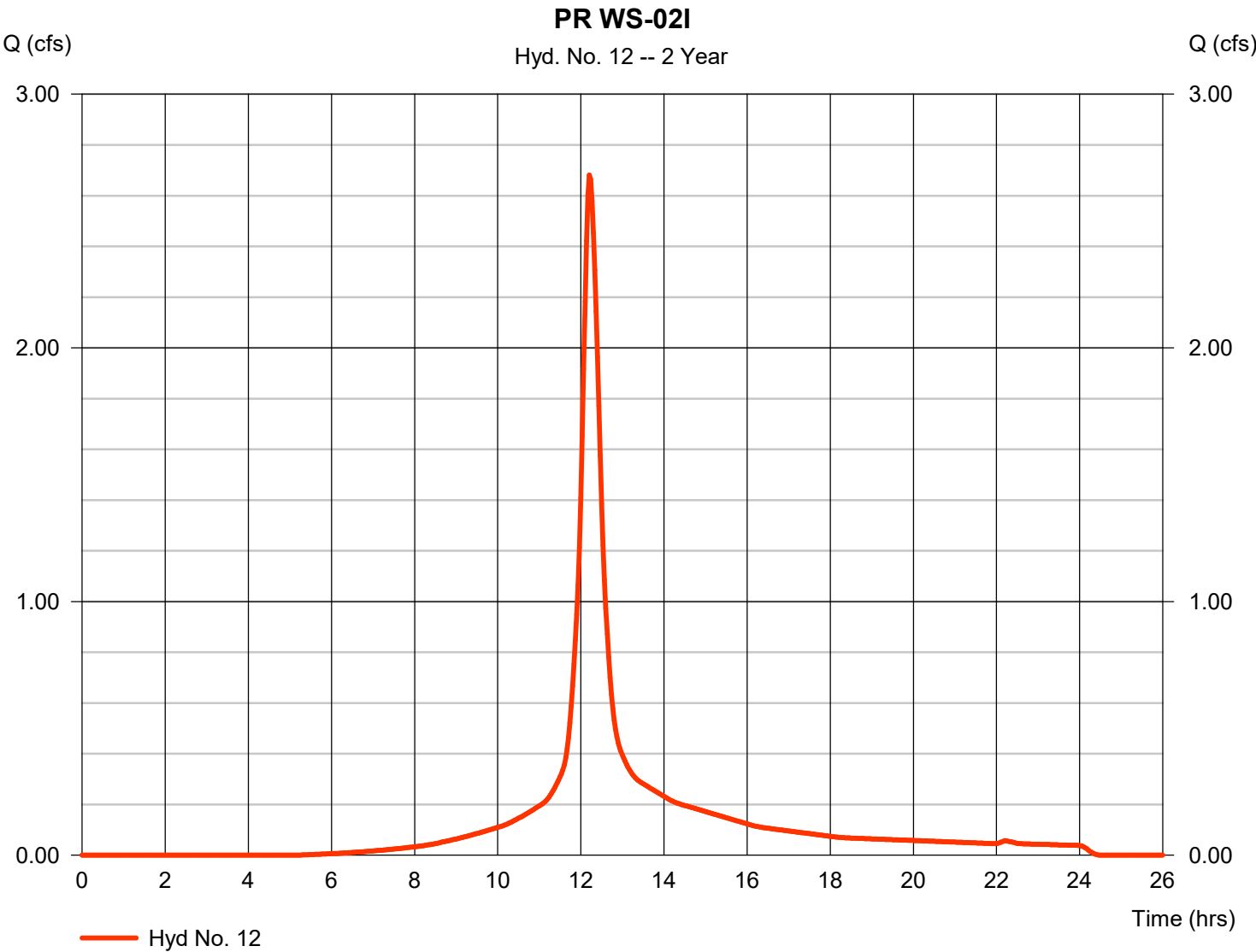
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 12

PR WS-02I

Hydrograph type	= SCS Runoff	Peak discharge	= 2.681 cfs
Storm frequency	= 2 yrs	Time to peak	= 12.20 hrs
Time interval	= 2 min	Hyd. volume	= 12,044 cuft
Drainage area	= 1.296 ac	Curve number	= 91
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 18.60 min
Total precip.	= 3.52 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

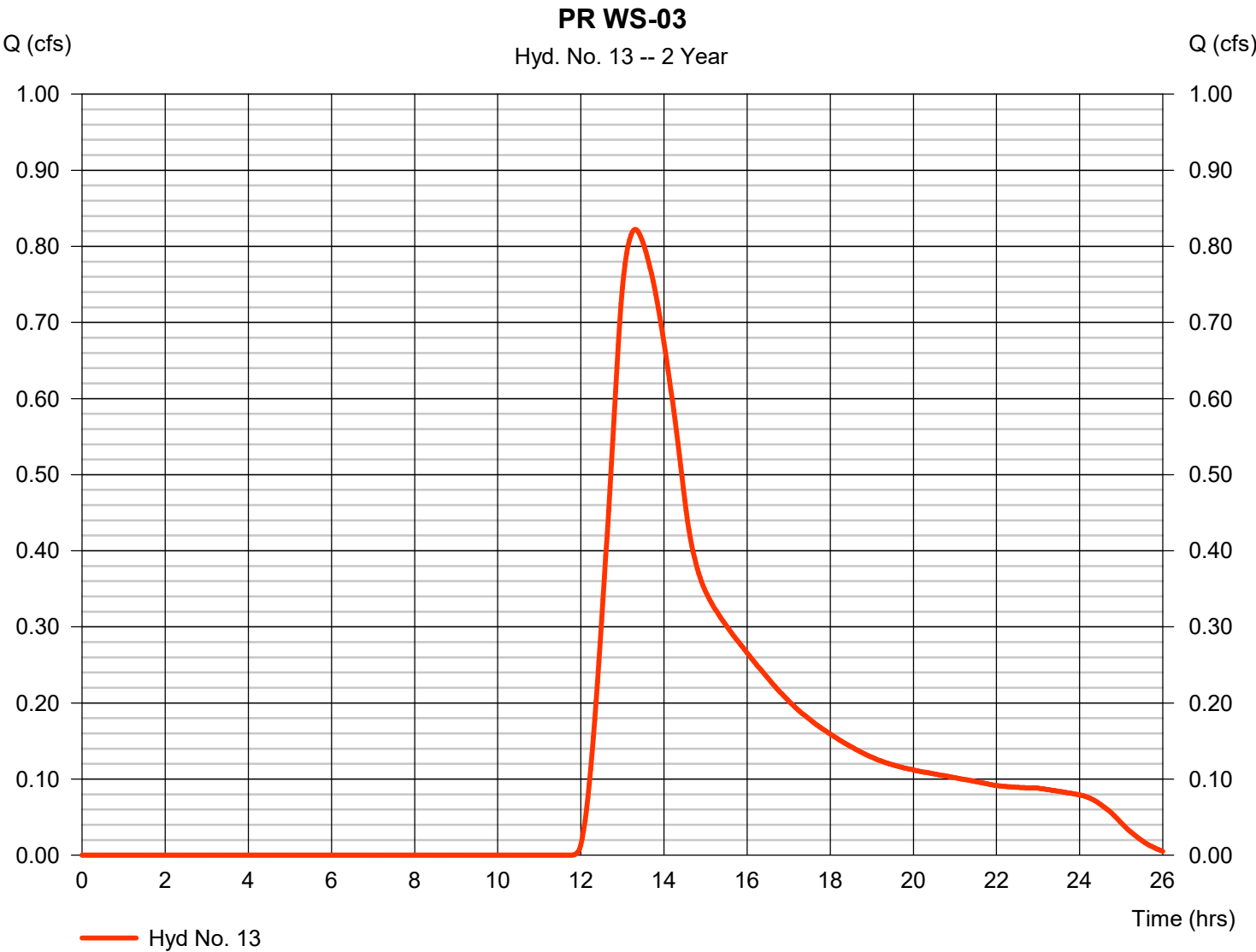
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 13

PR WS-03

Hydrograph type	= SCS Runoff	Peak discharge	= 0.822 cfs
Storm frequency	= 2 yrs	Time to peak	= 13.30 hrs
Time interval	= 2 min	Hyd. volume	= 10,924 cuft
Drainage area	= 4.837 ac	Curve number	= 62
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 95.00 min
Total precip.	= 3.52 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

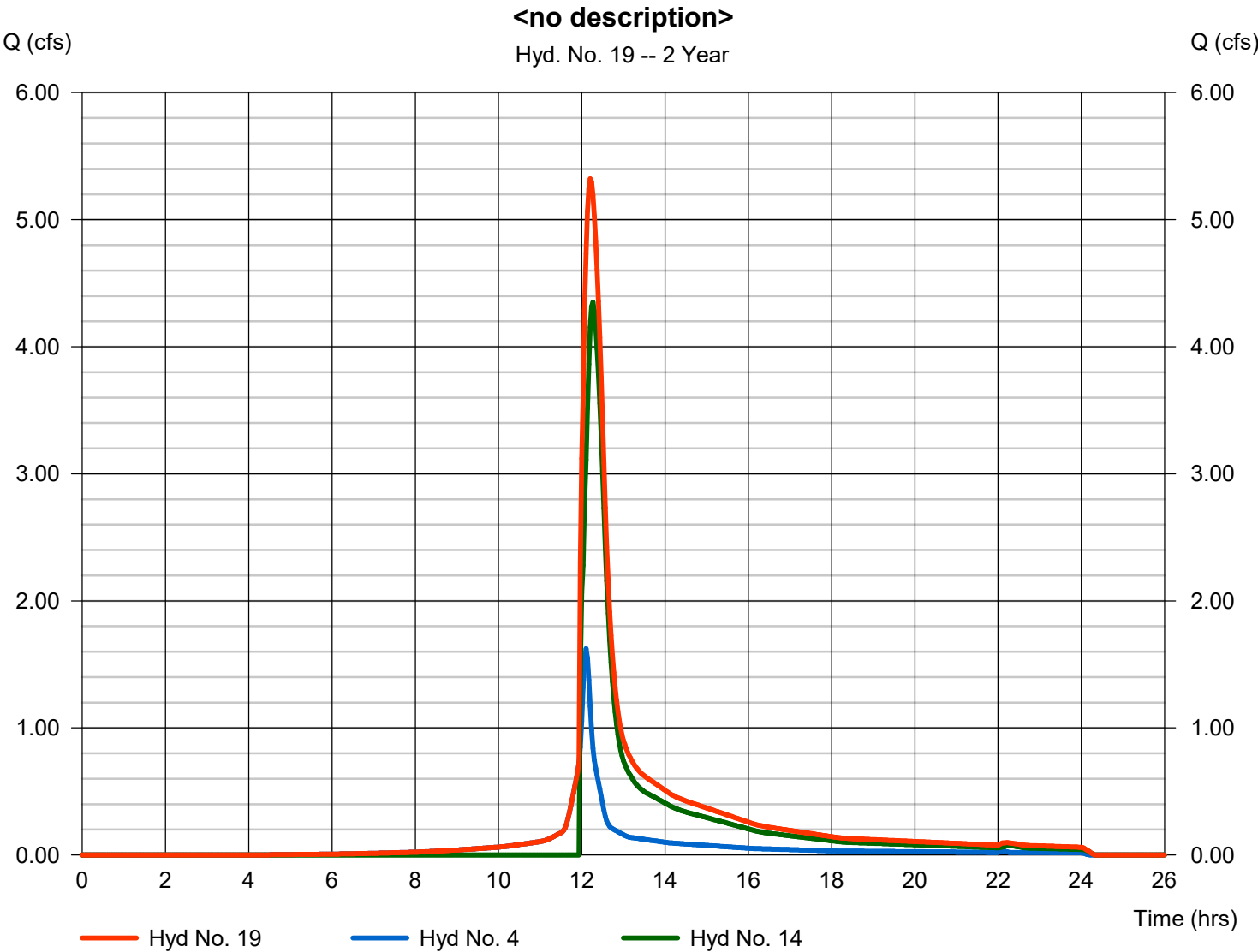
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 19

<no description>

Hydrograph type	= Combine	Peak discharge	= 5.322 cfs
Storm frequency	= 2 yrs	Time to peak	= 12.20 hrs
Time interval	= 2 min	Hyd. volume	= 21,938 cuft
Inflow hyds.	= 4, 14	Contrib. drain. area	= 0.576 ac



Hydrograph Report

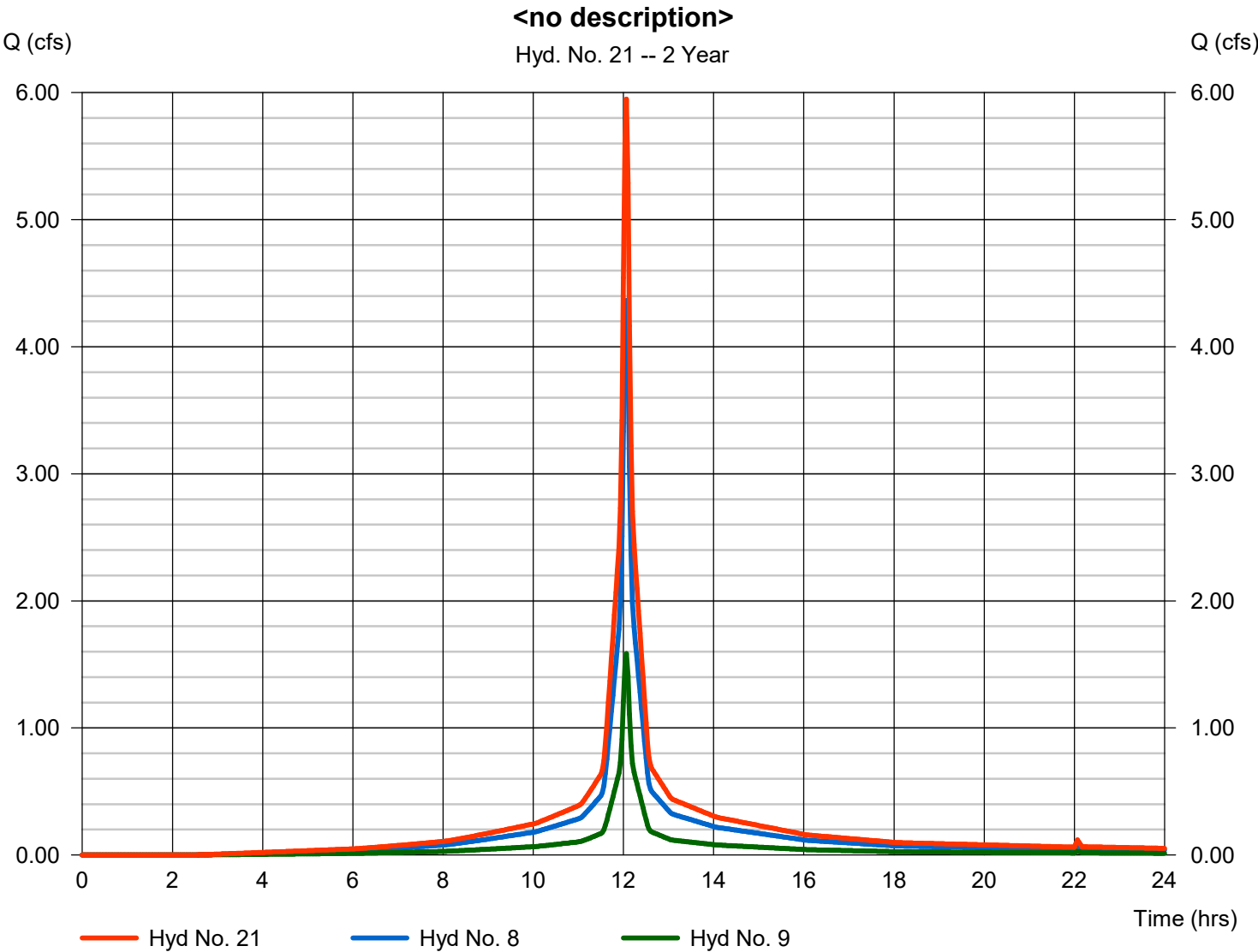
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 21

<no description>

Hydrograph type	= Combine	Peak discharge	= 5.950 cfs
Storm frequency	= 2 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 19,349 cuft
Inflow hyds.	= 8, 9	Contrib. drain. area	= 1.855 ac

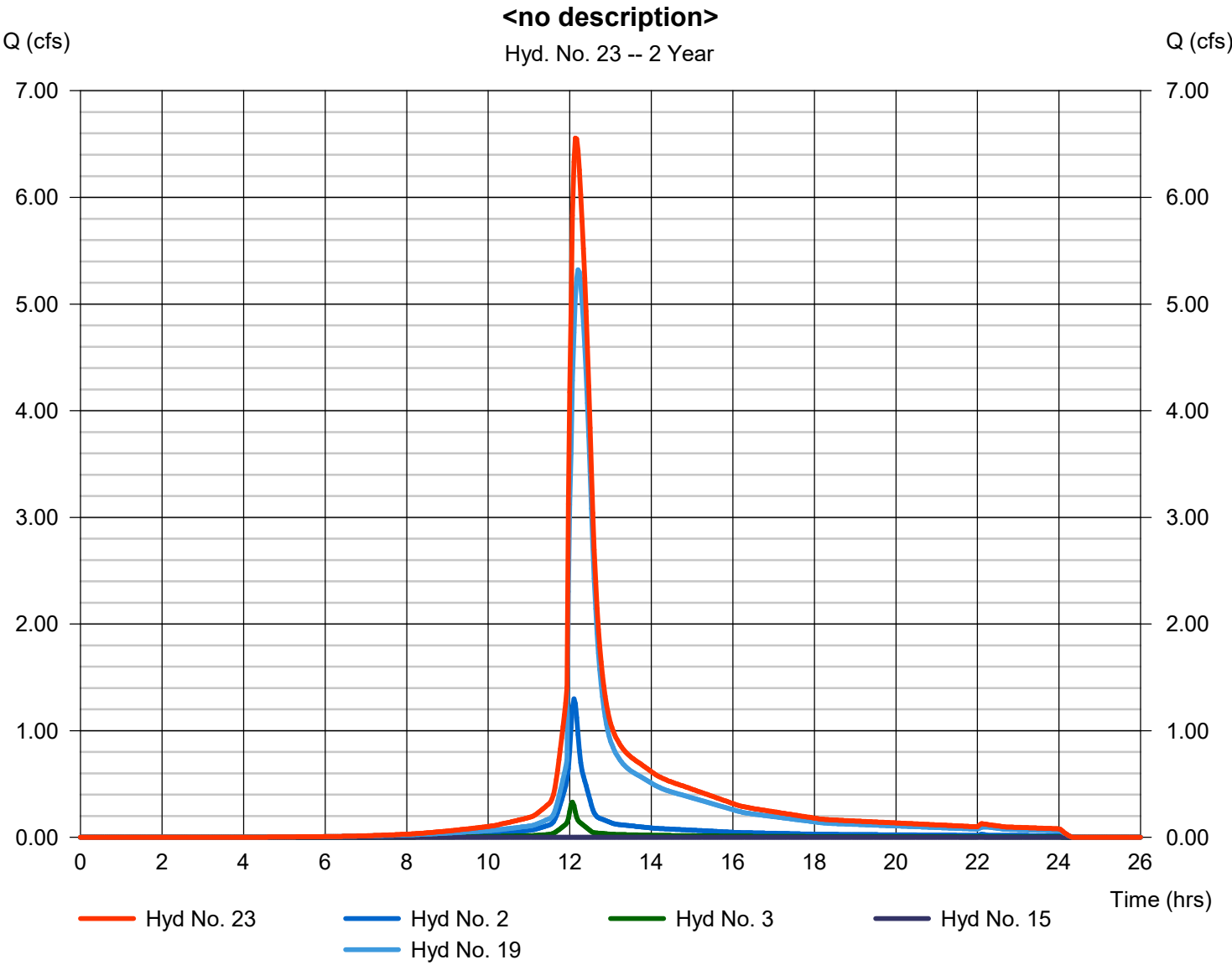


Hydrograph Report

Hyd. No. 23

<no description>

Hydrograph type	= Combine	Peak discharge	= 6.557 cfs
Storm frequency	= 2 yrs	Time to peak	= 12.13 hrs
Time interval	= 2 min	Hyd. volume	= 27,375 cuft
Inflow hyds.	= 2, 3, 15, 19	Contrib. drain. area	= 0.689 ac



Hydrograph Report

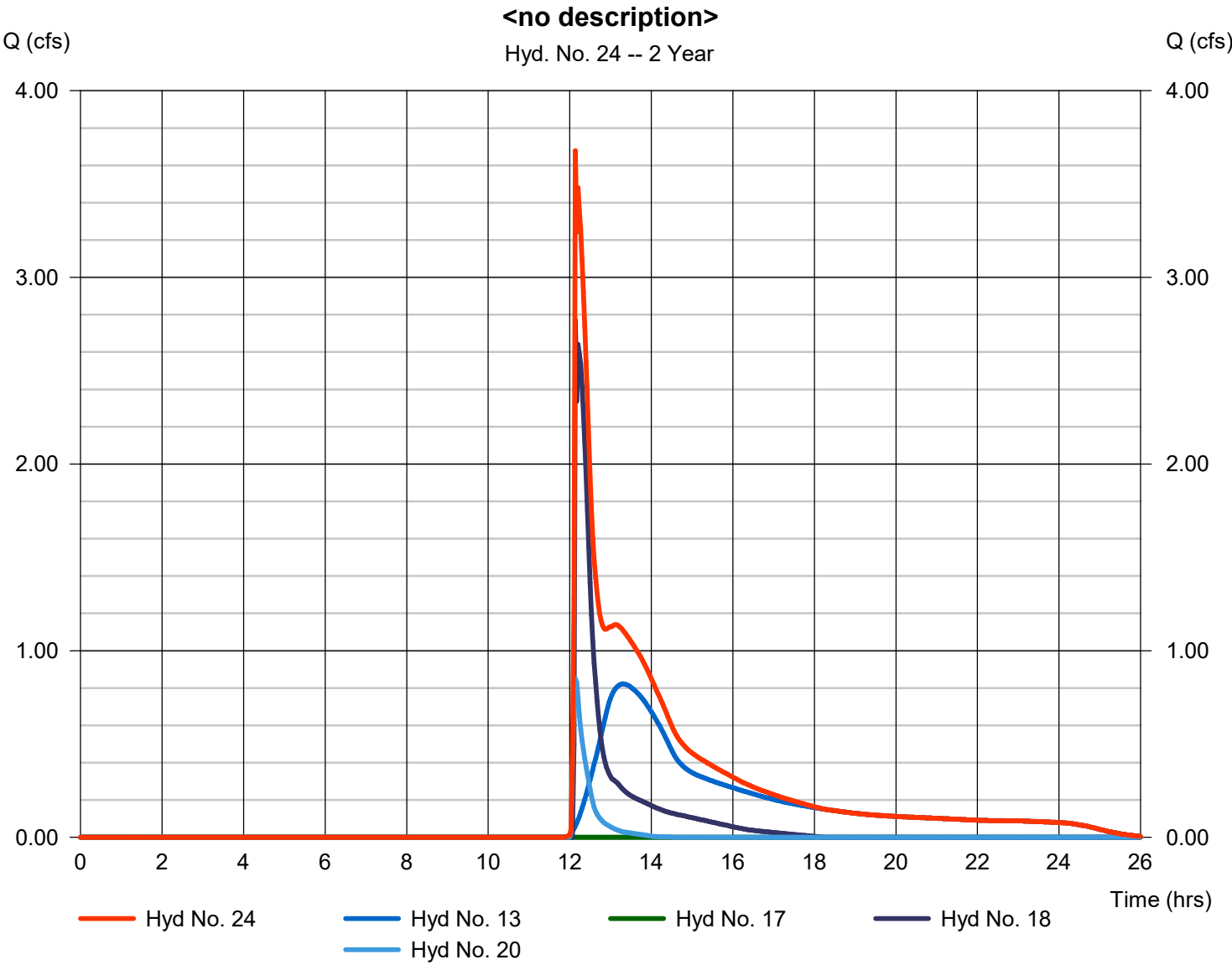
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 24

<no description>

Hydrograph type	= Combine	Peak discharge	= 3.679 cfs
Storm frequency	= 2 yrs	Time to peak	= 12.13 hrs
Time interval	= 2 min	Hyd. volume	= 18,210 cuft
Inflow hyds.	= 13, 17, 18, 20	Contrib. drain. area	= 4.837 ac

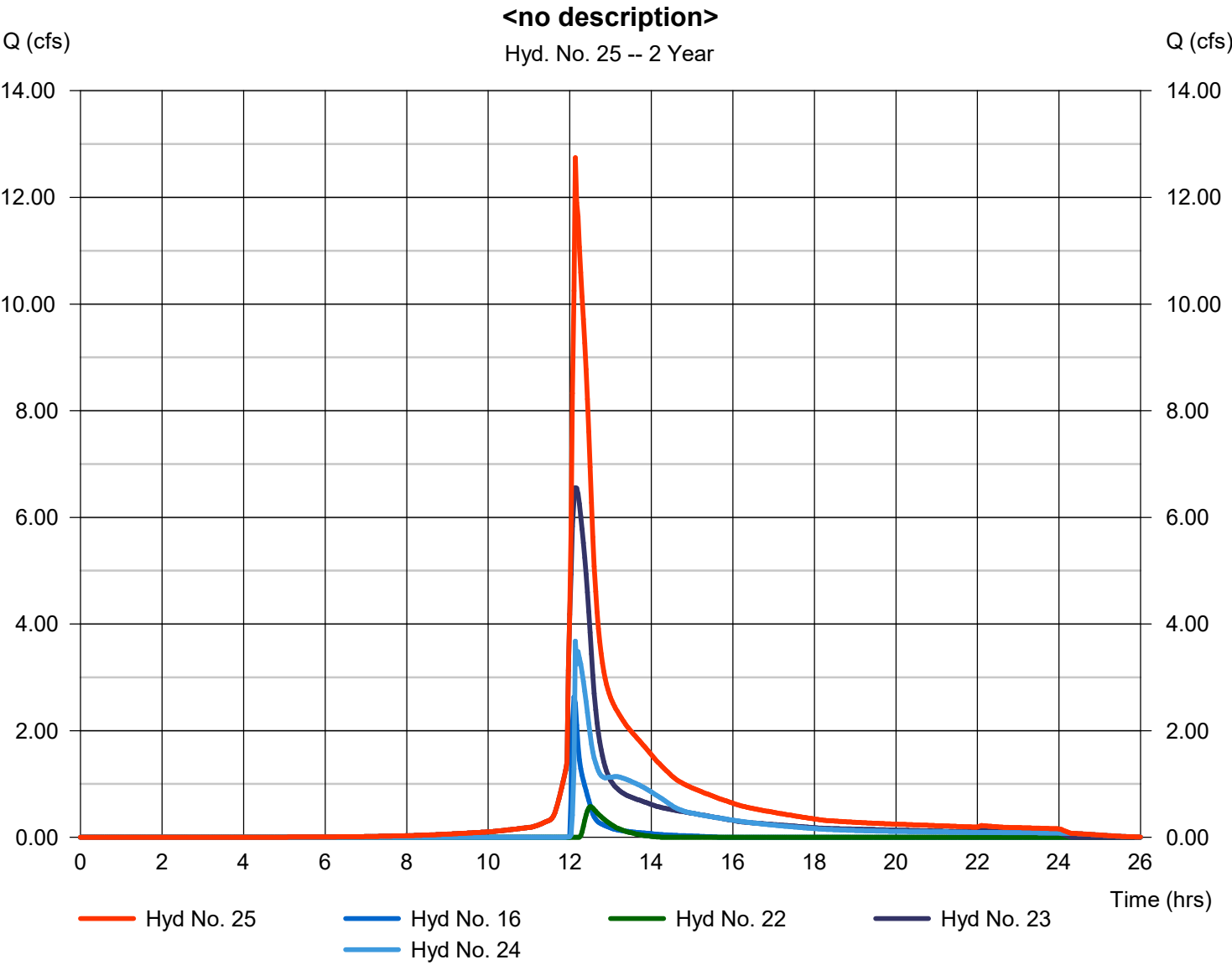


Hydrograph Report

Hyd. No. 25

<no description>

Hydrograph type	= Combine	Peak discharge	= 12.75 cfs
Storm frequency	= 2 yrs	Time to peak	= 12.13 hrs
Time interval	= 2 min	Hyd. volume	= 50,534 cuft
Inflow hyds.	= 16, 22, 23, 24	Contrib. drain. area	= 0.000 ac

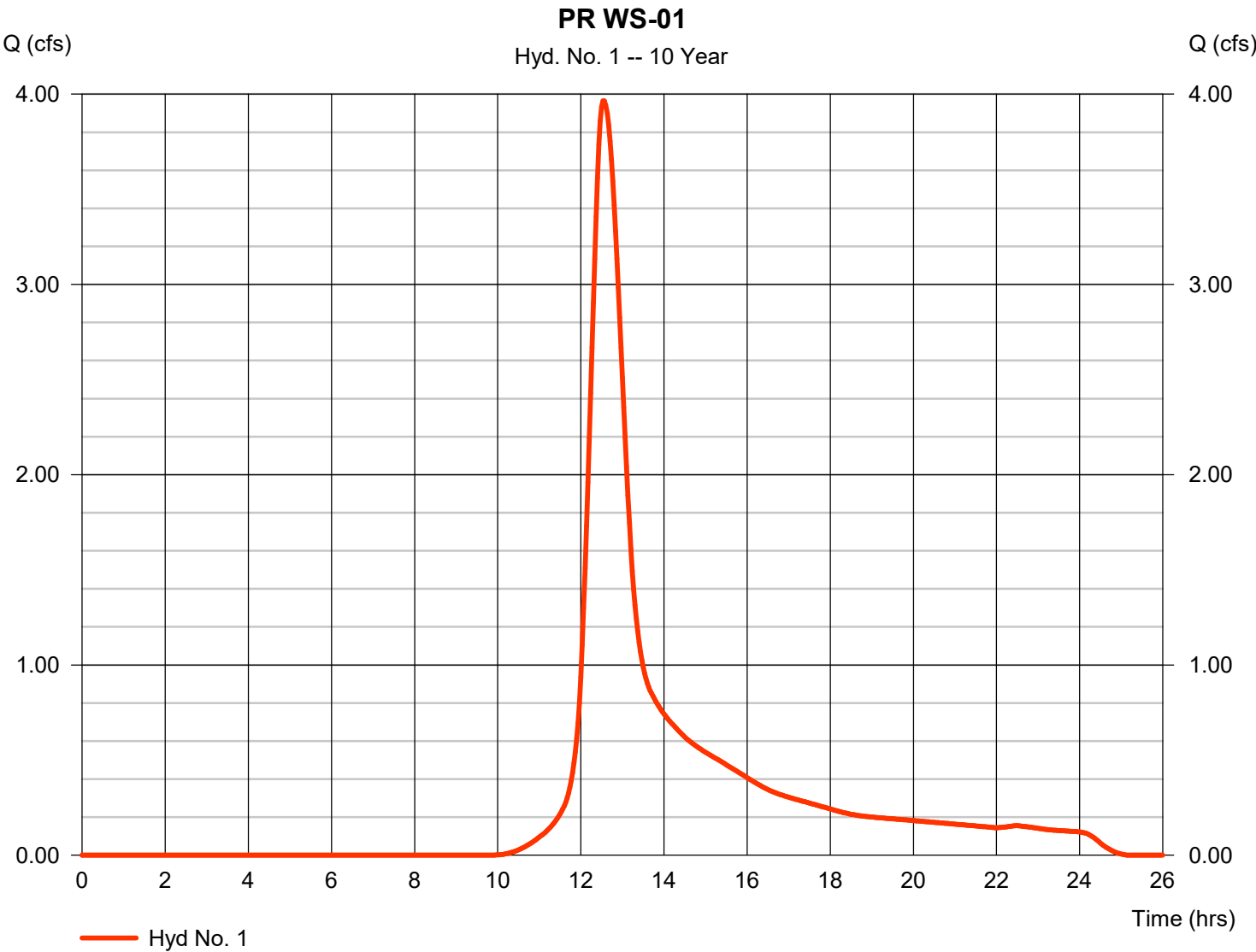


Hydrograph Report

Hyd. No. 1

PR WS-01

Hydrograph type	= SCS Runoff	Peak discharge	= 3.964 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.53 hrs
Time interval	= 2 min	Hyd. volume	= 26,393 cuft
Drainage area	= 3.405 ac	Curve number	= 68
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 45.70 min
Total precip.	= 5.38 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

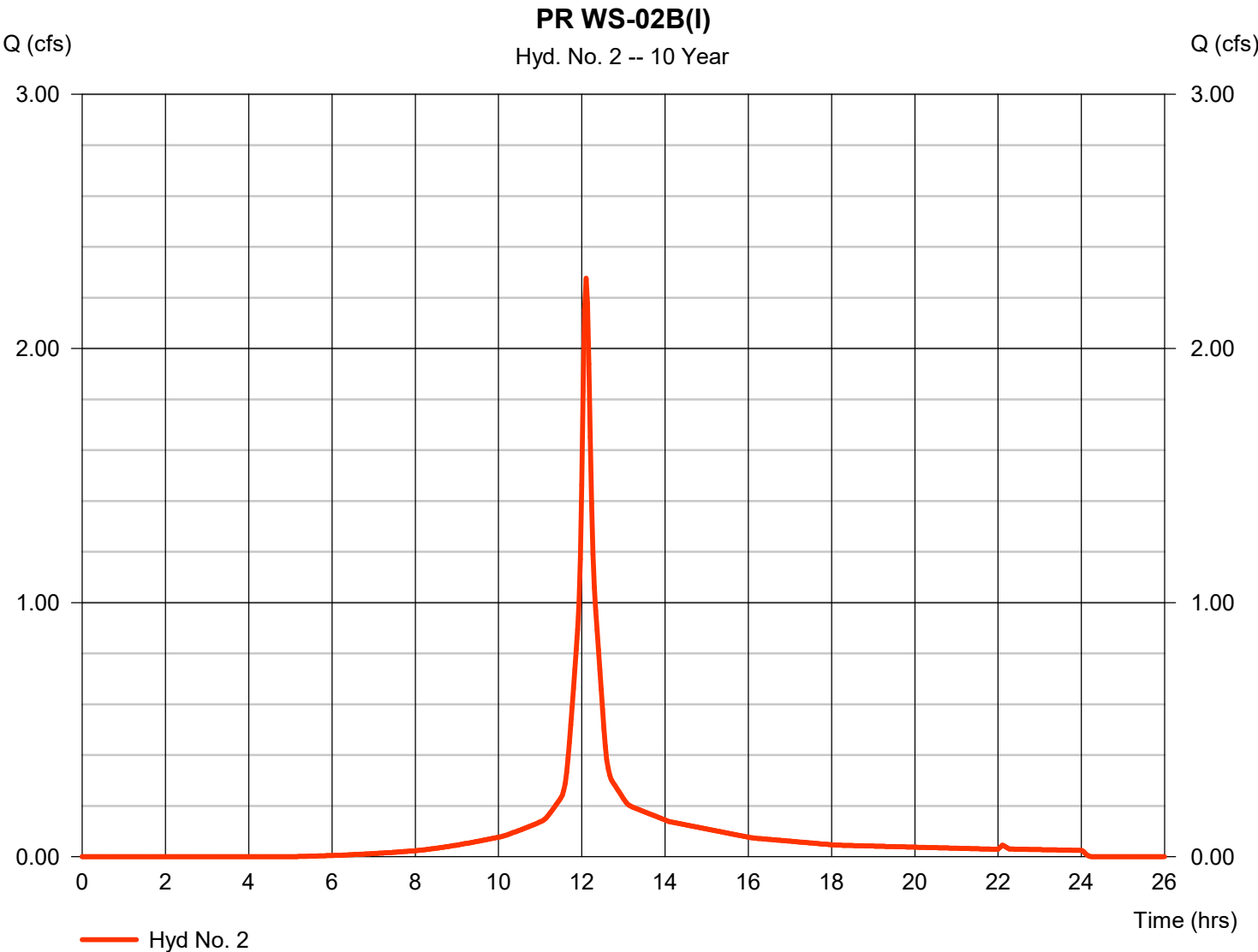
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 2

PR WS-02B(I)

Hydrograph type	= SCS Runoff	Peak discharge	= 2.276 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.10 hrs
Time interval	= 2 min	Hyd. volume	= 7,939 cuft
Drainage area	= 0.557 ac	Curve number	= 87
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 7.40 min
Total precip.	= 5.38 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

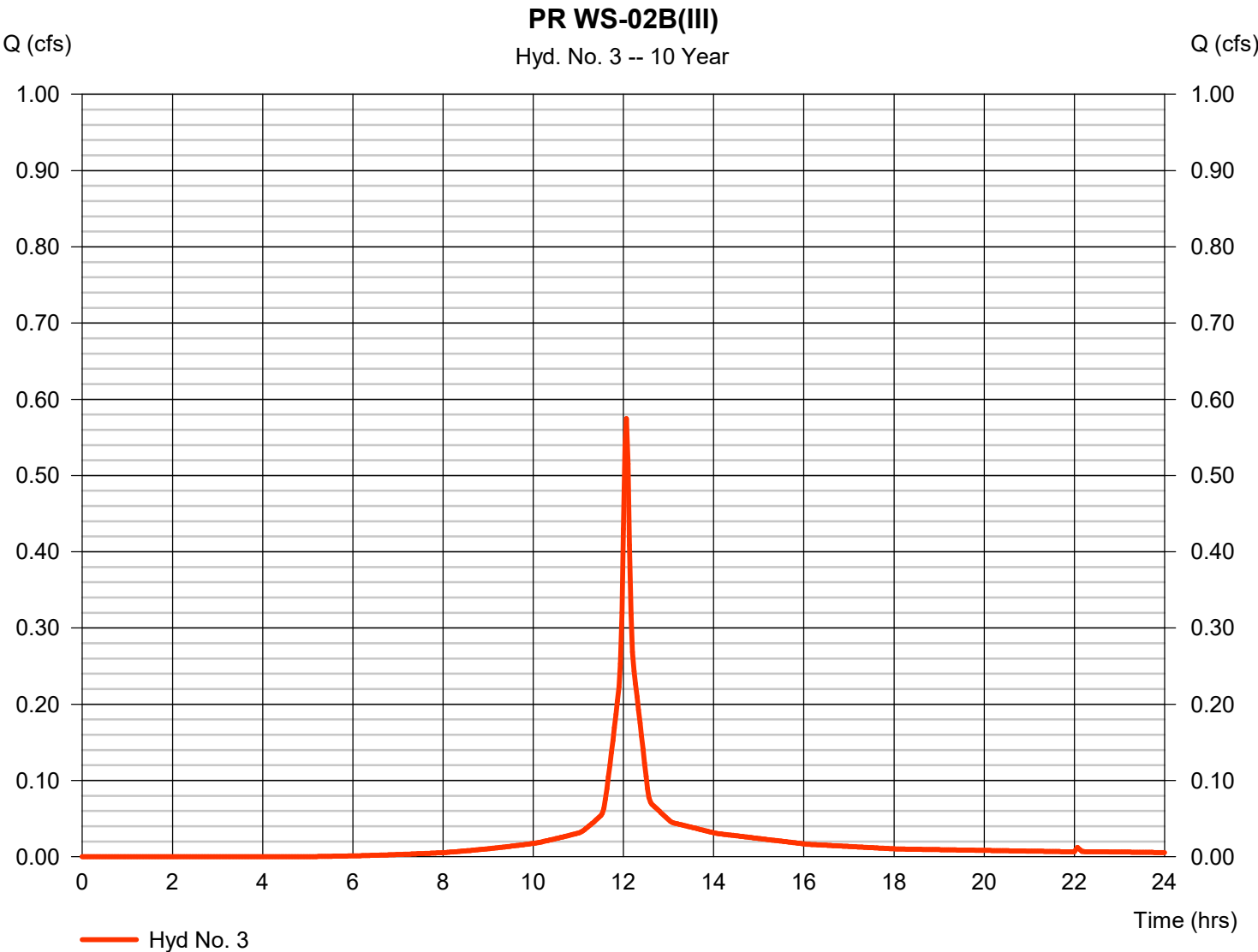
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 3

PR WS-02B(III)

Hydrograph type	= SCS Runoff	Peak discharge	= 0.575 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 1,764 cuft
Drainage area	= 0.132 ac	Curve number	= 87
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 5.38 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

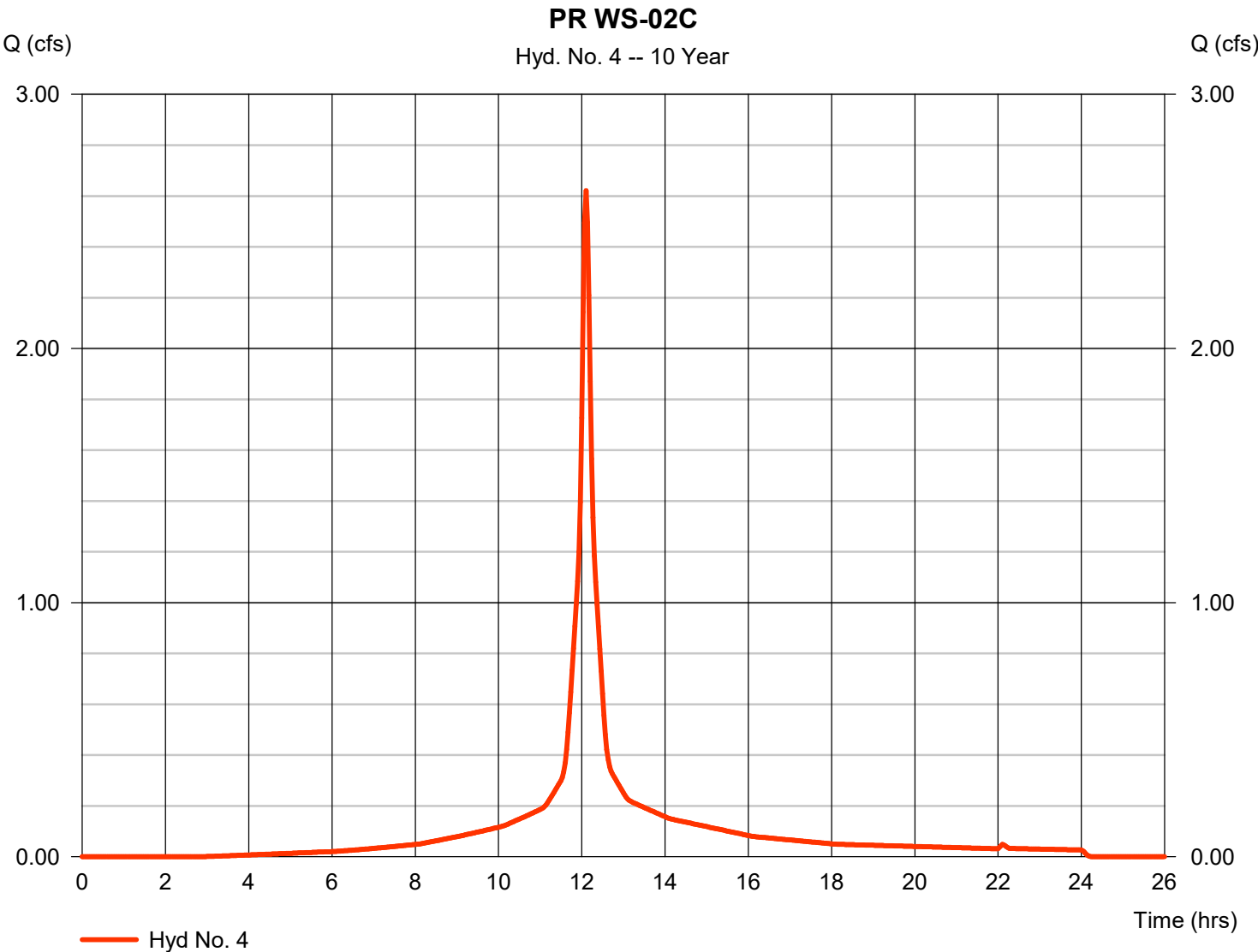
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 4

PR WS-02C

Hydrograph type	= SCS Runoff	Peak discharge	= 2.622 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.10 hrs
Time interval	= 2 min	Hyd. volume	= 9,558 cuft
Drainage area	= 0.576 ac	Curve number	= 93
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 9.40 min
Total precip.	= 5.38 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

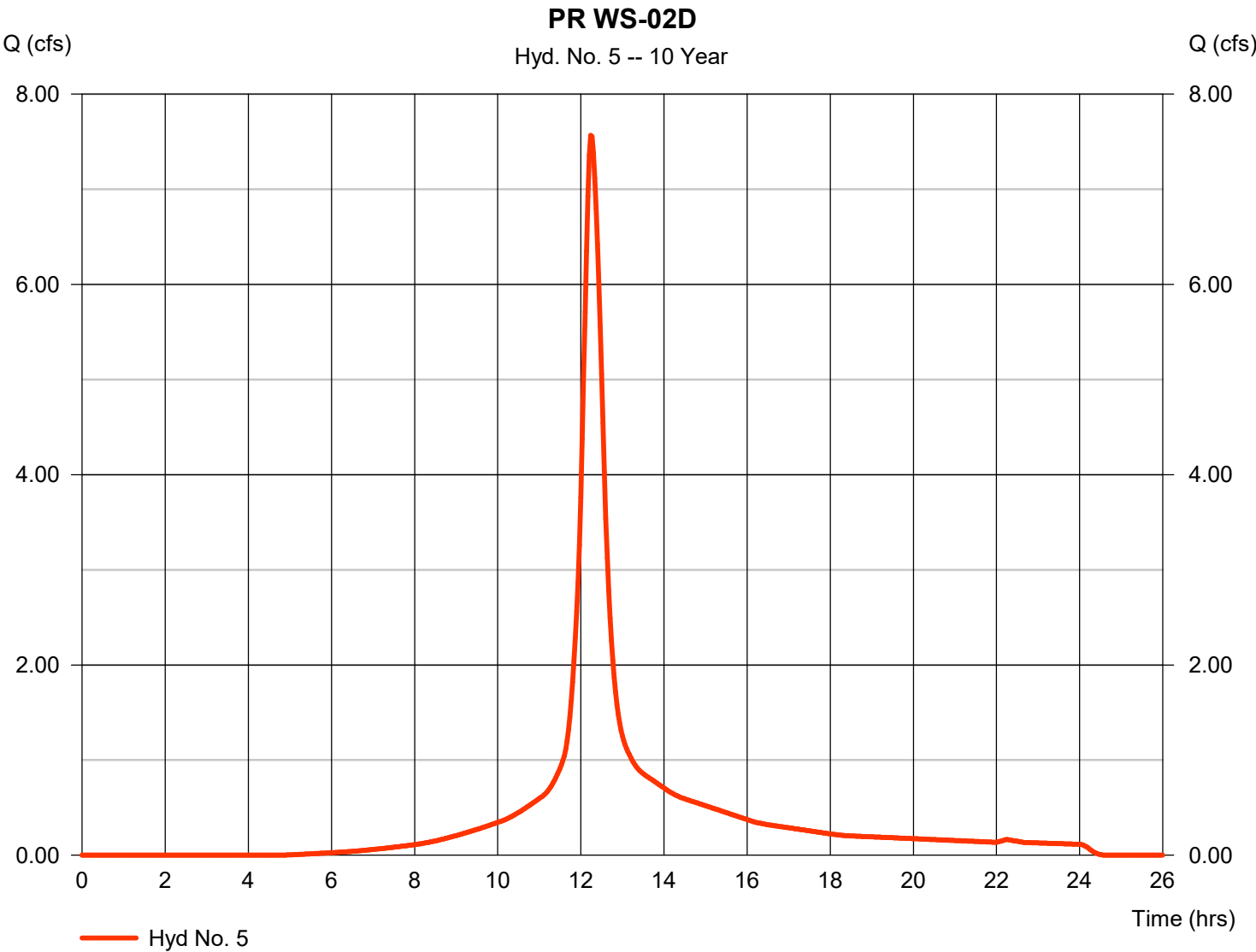


Hydrograph Report

Hyd. No. 5

PR WS-02D

Hydrograph type	= SCS Runoff	Peak discharge	= 7.568 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.23 hrs
Time interval	= 2 min	Hyd. volume	= 36,669 cuft
Drainage area	= 2.462 ac	Curve number	= 88
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 22.10 min
Total precip.	= 5.38 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

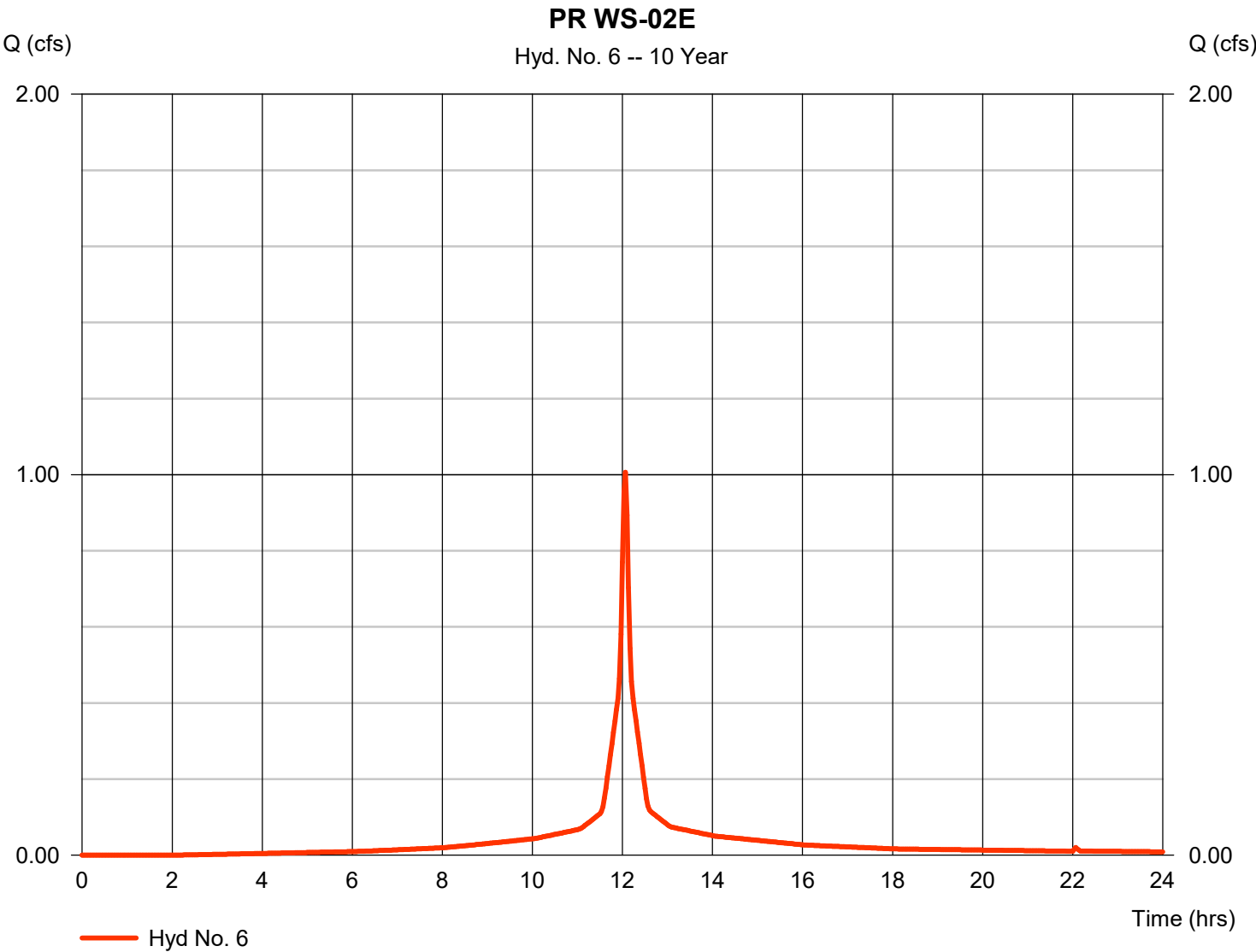
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 6

PR WS-02E

Hydrograph type	= SCS Runoff	Peak discharge	= 1.006 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 3,313 cuft
Drainage area	= 0.203 ac	Curve number	= 95
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 5.38 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

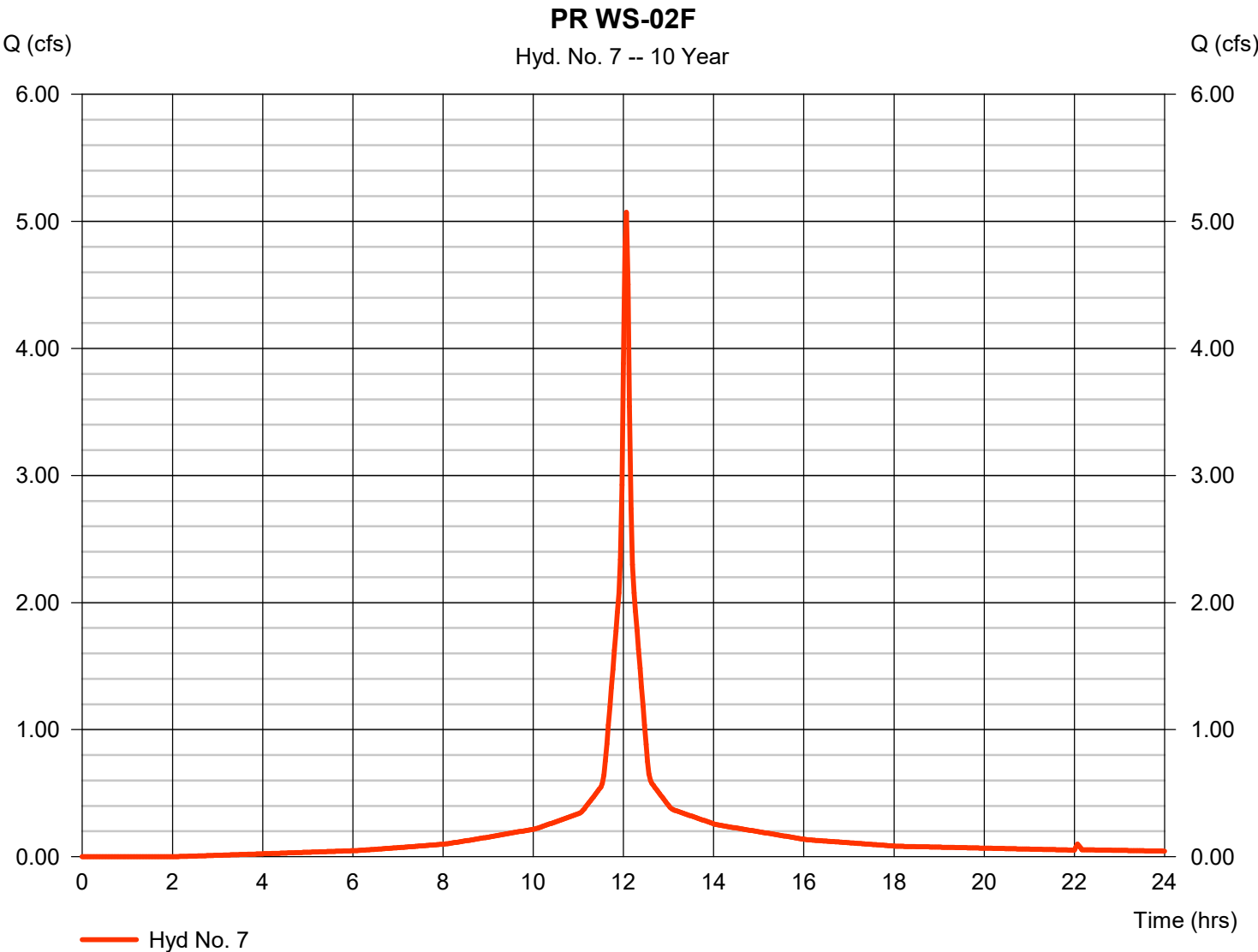


Hydrograph Report

Hyd. No. 7

PR WS-02F

Hydrograph type	= SCS Runoff	Peak discharge	= 5.072 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 16,697 cuft
Drainage area	= 1.023 ac	Curve number	= 95
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 5.38 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

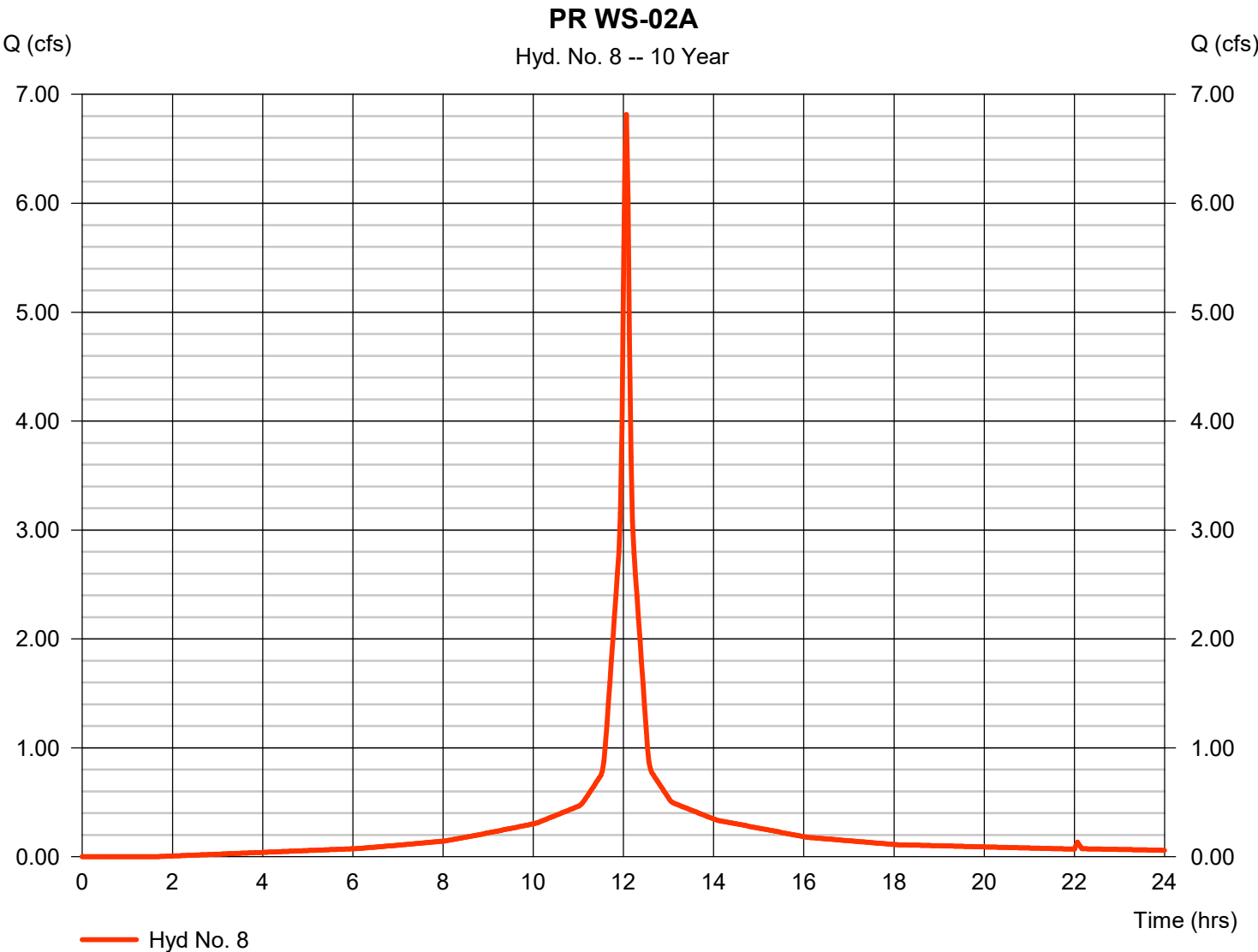
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 8

PR WS-02A

Hydrograph type	= SCS Runoff	Peak discharge	= 6.814 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 22,743 cuft
Drainage area	= 1.361 ac	Curve number	= 96
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 5.38 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

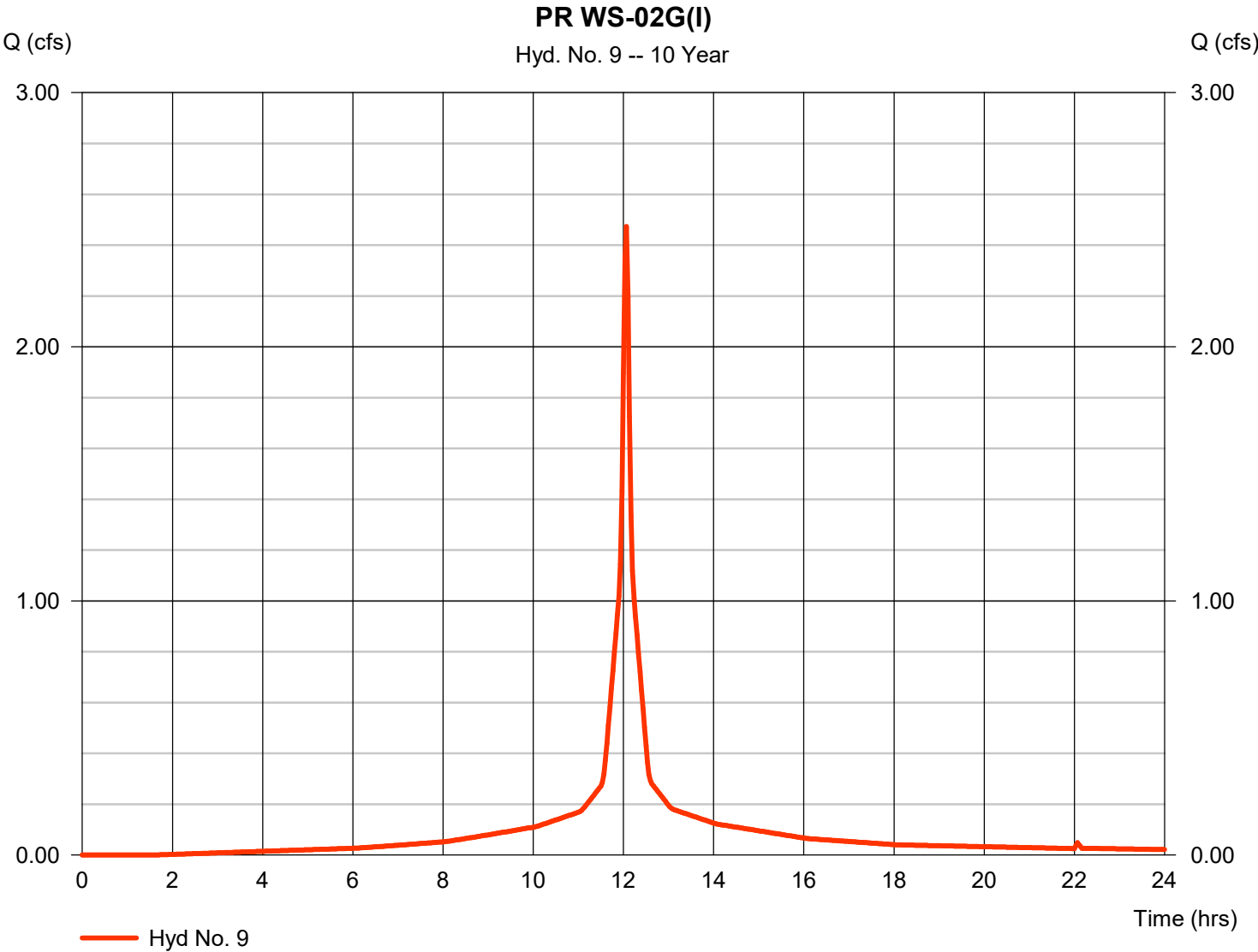


Hydrograph Report

Hyd. No. 9

PR WS-02G(I)

Hydrograph type	= SCS Runoff	Peak discharge	= 2.473 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 8,255 cuft
Drainage area	= 0.494 ac	Curve number	= 96
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 5.38 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

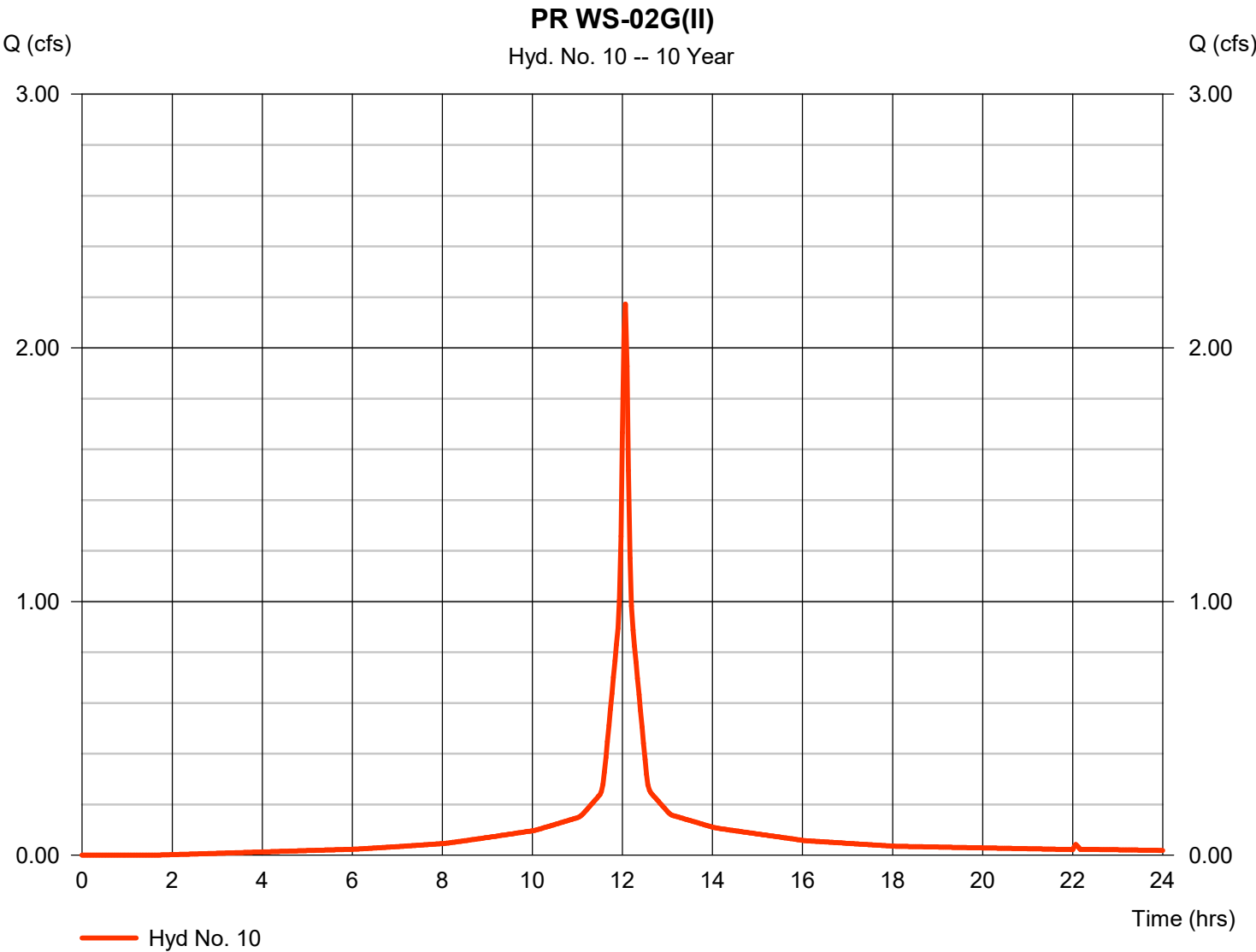
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 10

PR WS-02G(II)

Hydrograph type	= SCS Runoff	Peak discharge	= 2.173 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 7,252 cuft
Drainage area	= 0.434 ac	Curve number	= 96
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 5.38 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

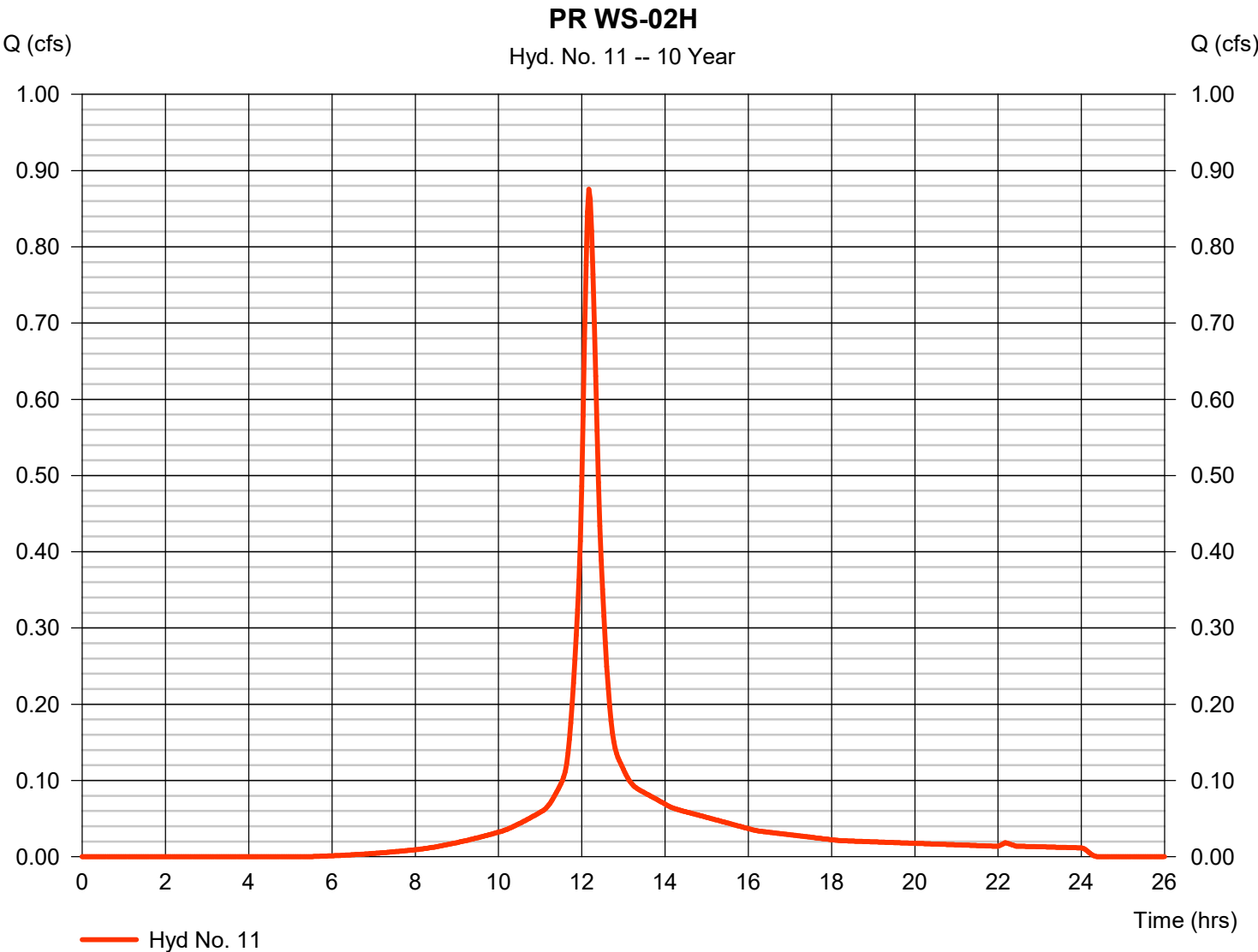
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 11

PR WS-02H

Hydrograph type	= SCS Runoff	Peak discharge	= 0.876 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.17 hrs
Time interval	= 2 min	Hyd. volume	= 3,613 cuft
Drainage area	= 0.267 ac	Curve number	= 86
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 13.80 min
Total precip.	= 5.38 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

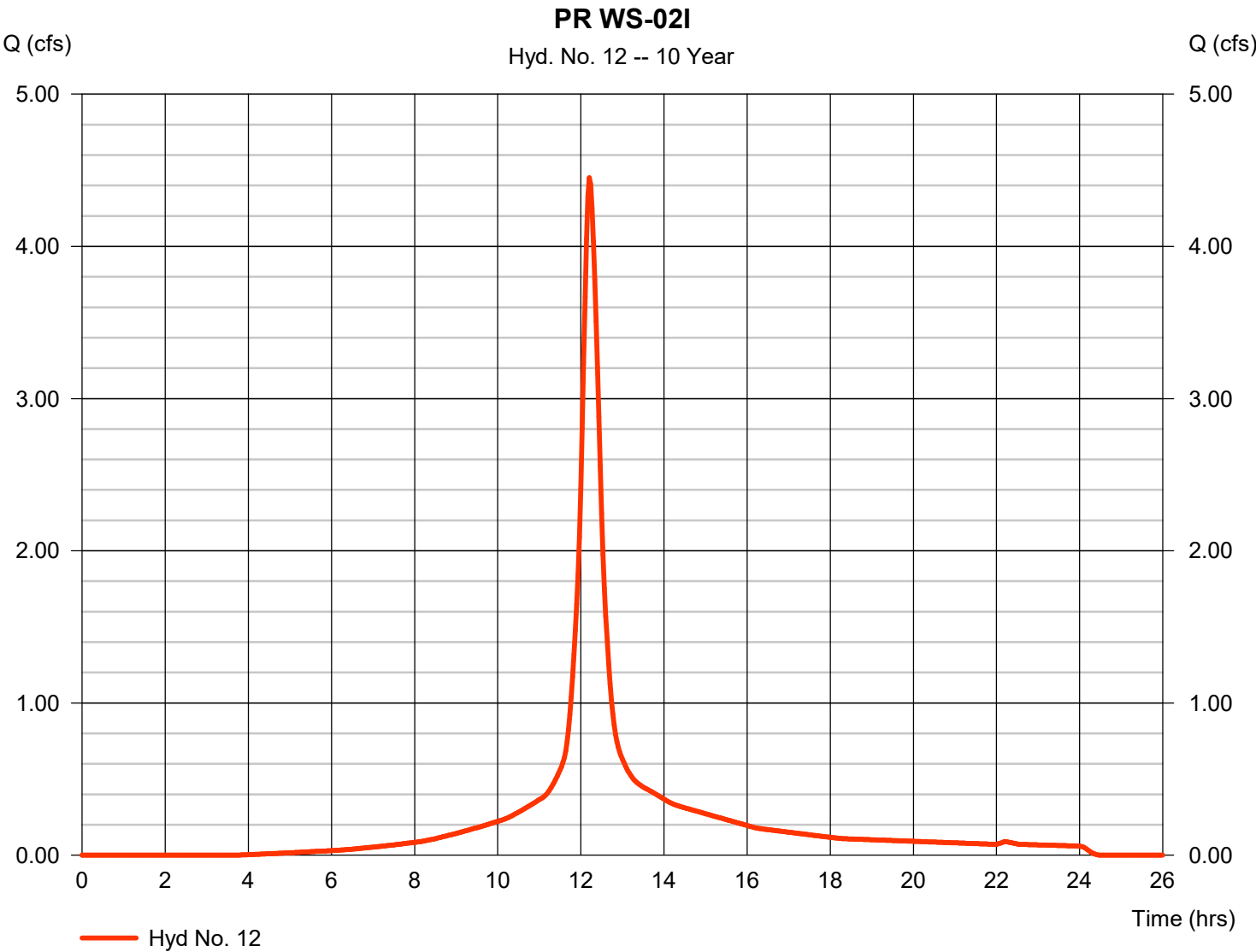


Hydrograph Report

Hyd. No. 12

PR WS-02I

Hydrograph type	= SCS Runoff	Peak discharge	= 4.450 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.20 hrs
Time interval	= 2 min	Hyd. volume	= 20,472 cuft
Drainage area	= 1.296 ac	Curve number	= 91
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 18.60 min
Total precip.	= 5.38 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

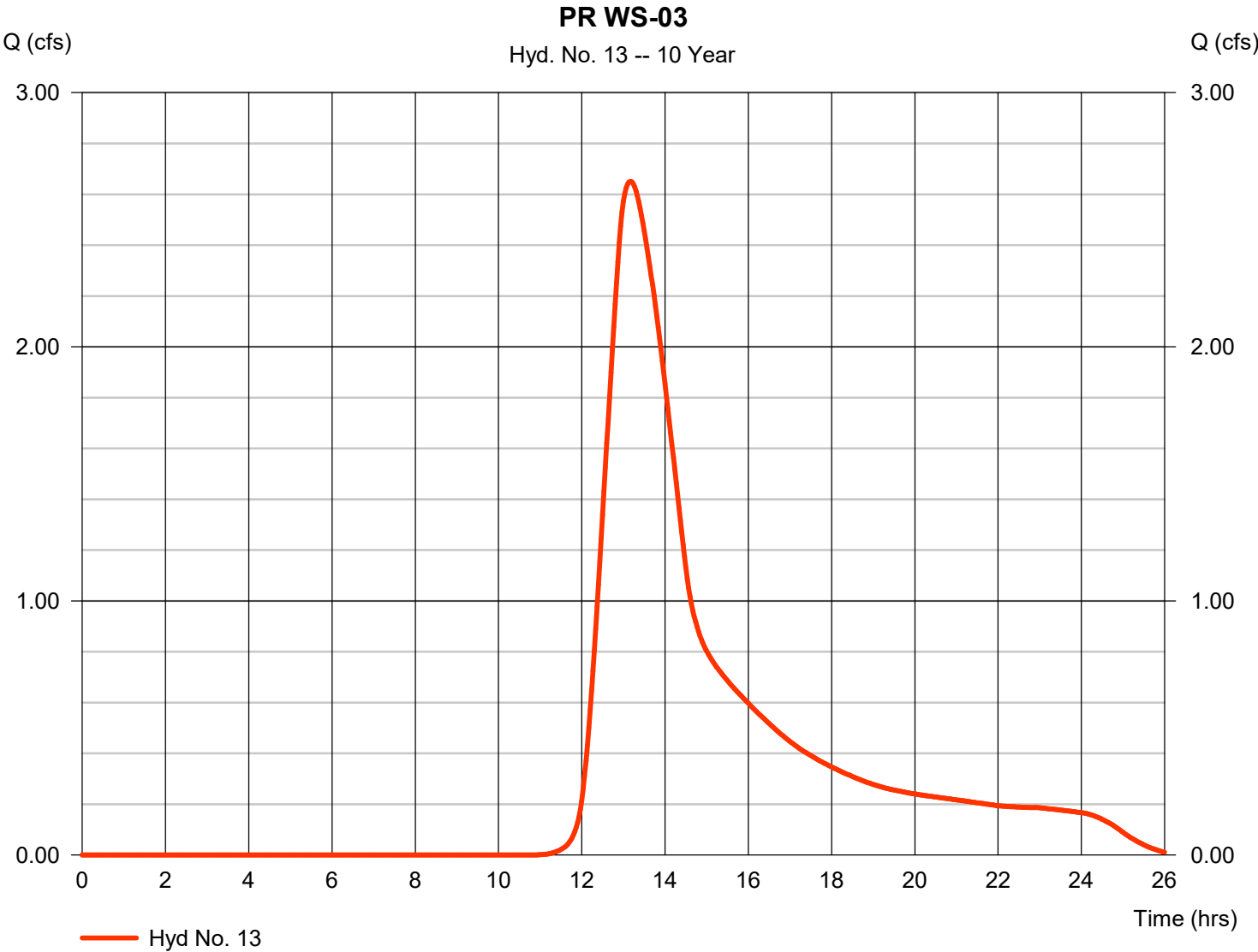


Hydrograph Report

Hyd. No. 13

PR WS-03

Hydrograph type	= SCS Runoff	Peak discharge	= 2.651 cfs
Storm frequency	= 10 yrs	Time to peak	= 13.17 hrs
Time interval	= 2 min	Hyd. volume	= 29,339 cuft
Drainage area	= 4.837 ac	Curve number	= 62
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 95.00 min
Total precip.	= 5.38 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

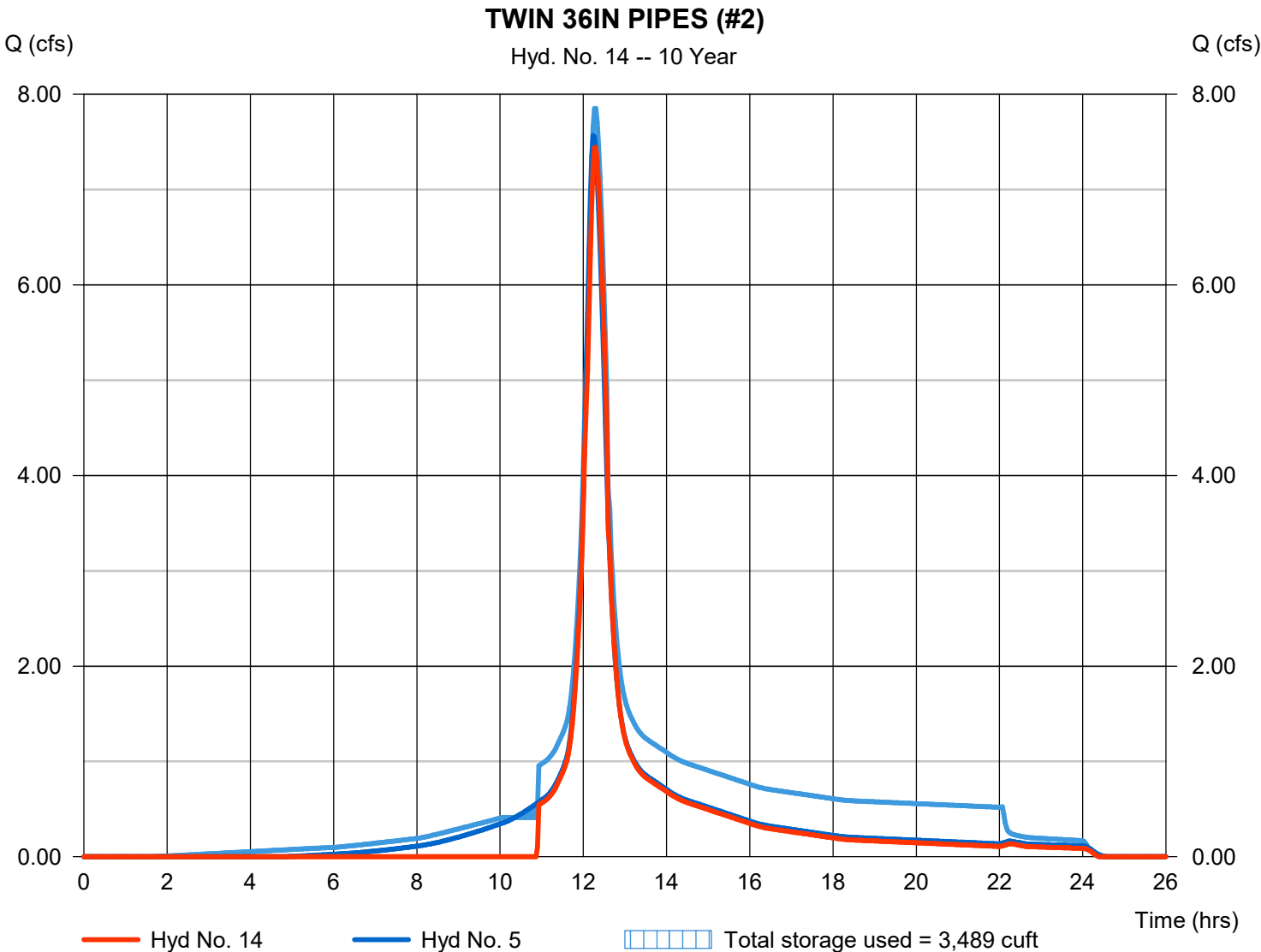
Thursday, 04 / 4 / 2024

Hyd. No. 14

TWIN 36IN PIPES (#2)

Hydrograph type	= Reservoir	Peak discharge	= 7.442 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.30 hrs
Time interval	= 2 min	Hyd. volume	= 31,857 cuft
Inflow hyd. No.	= 5 - PR WS-02D	Max. Elevation	= 139.08 ft
Reservoir name	= Northern Twin 36IN	Max. Storage	= 3,489 cuft

Storage Indication method used. Exfiltration extracted from Outflow.



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

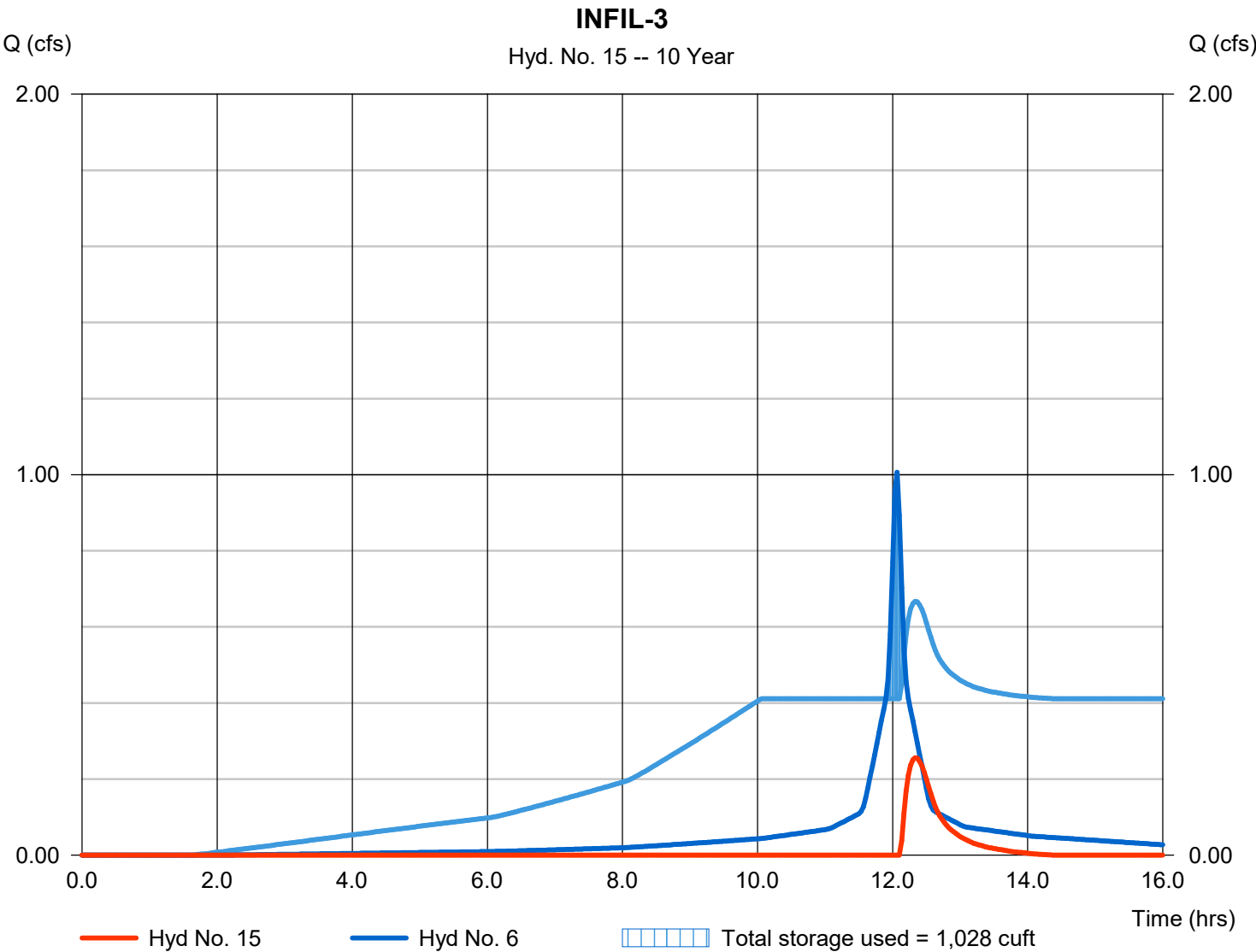
Thursday, 04 / 4 / 2024

Hyd. No. 15

INFIL-3

Hydrograph type	= Reservoir	Peak discharge	= 0.256 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.33 hrs
Time interval	= 2 min	Hyd. volume	= 538 cuft
Inflow hyd. No.	= 6 - PR WS-02E	Max. Elevation	= 137.07 ft
Reservoir name	= INFIL-3	Max. Storage	= 1,028 cuft

Storage Indication method used. Exfiltration extracted from Outflow.



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

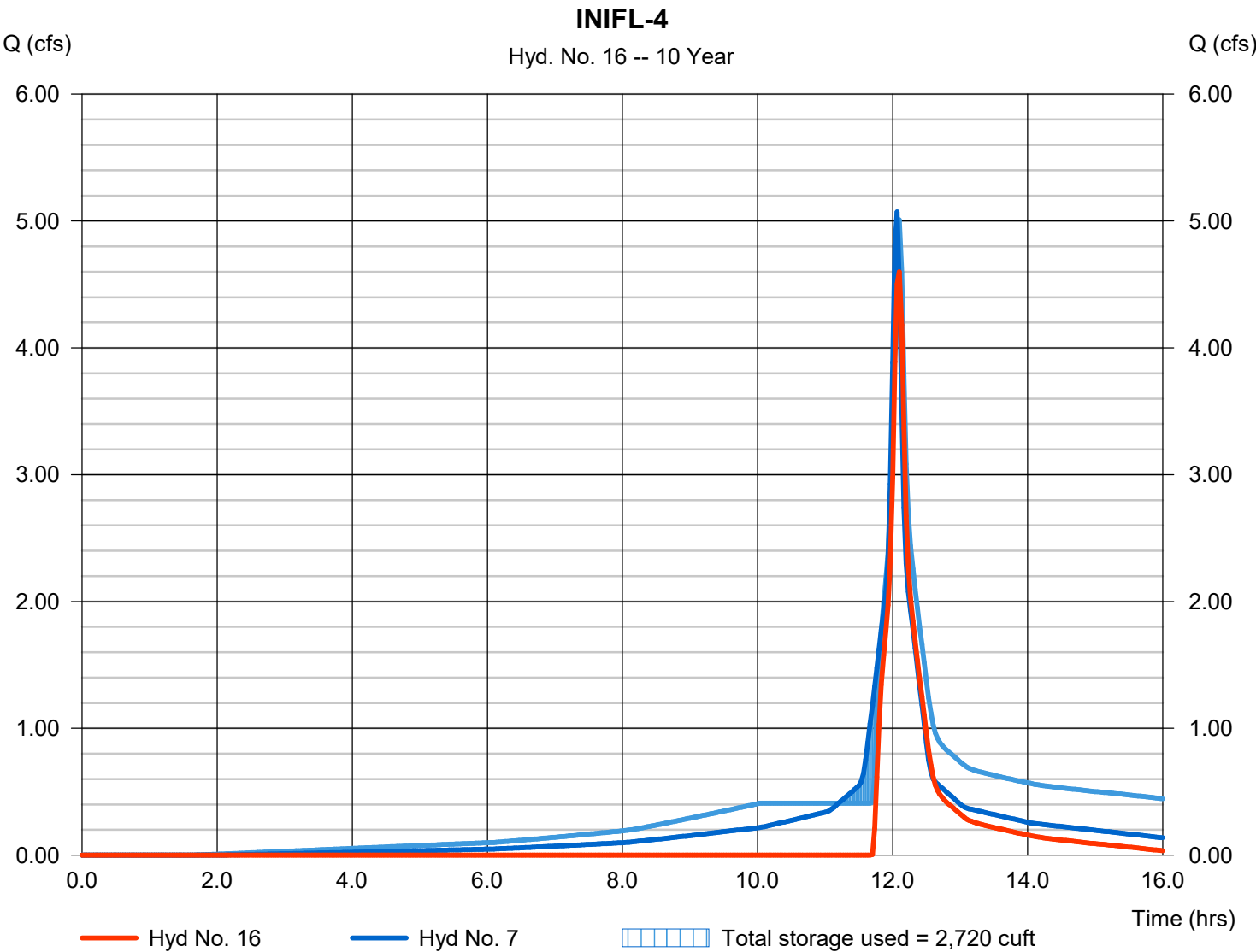
Thursday, 04 / 4 / 2024

Hyd. No. 16

INIFL-4

Hydrograph type	= Reservoir	Peak discharge	= 4.598 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.10 hrs
Time interval	= 2 min	Hyd. volume	= 8,520 cuft
Inflow hyd. No.	= 7 - PR WS-02F	Max. Elevation	= 137.23 ft
Reservoir name	= INIFL-4	Max. Storage	= 2,720 cuft

Storage Indication method used. Exfiltration extracted from Outflow.



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

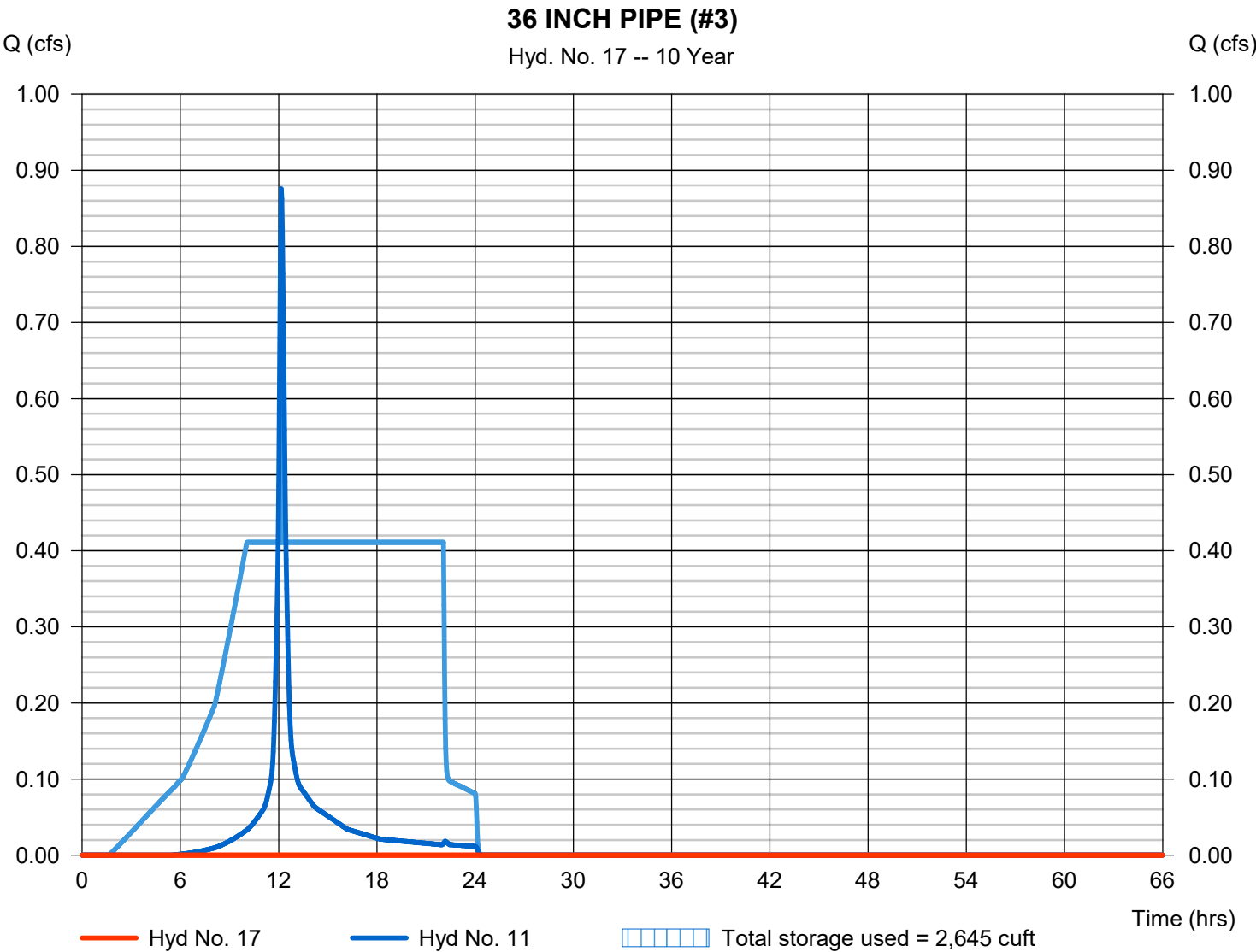
Thursday, 04 / 4 / 2024

Hyd. No. 17

36 INCH PIPE (#3)

Hydrograph type	= Reservoir	Peak discharge	= 0.000 cfs
Storm frequency	= 10 yrs	Time to peak	= 11.67 hrs
Time interval	= 2 min	Hyd. volume	= 0 cuft
Inflow hyd. No.	= 11 - PR WS-02H	Max. Elevation	= 131.44 ft
Reservoir name	= 36IN - 3	Max. Storage	= 2,645 cuft

Storage Indication method used. Exfiltration extracted from Outflow.



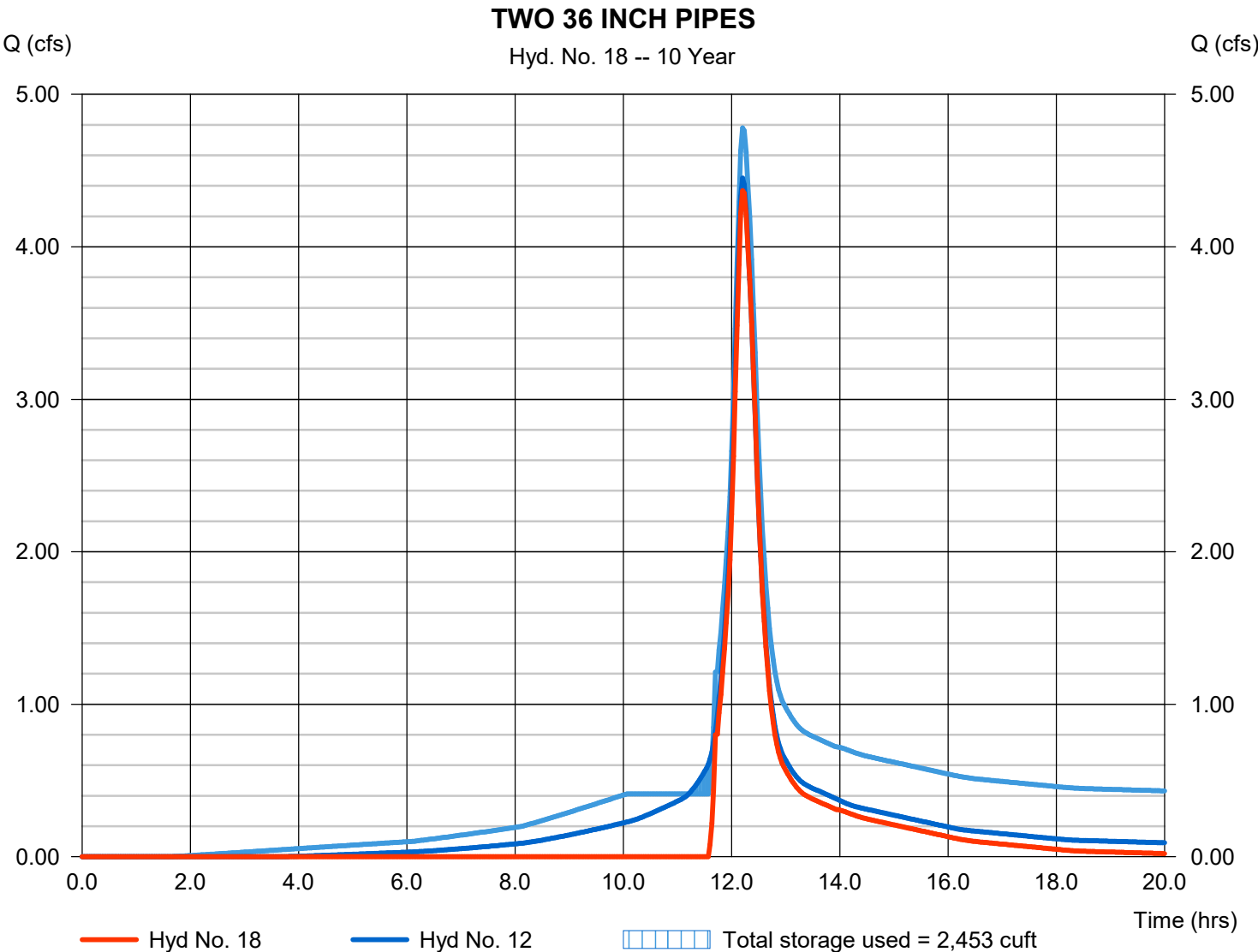
Hydrograph Report

Hyd. No. 18

TWO 36 INCH PIPES

Hydrograph type	= Reservoir	Peak discharge	= 4.369 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.20 hrs
Time interval	= 2 min	Hyd. volume	= 13,692 cuft
Inflow hyd. No.	= 12 - PR WS-02I	Max. Elevation	= 135.72 ft
Reservoir name	= TWIN 36IN	Max. Storage	= 2,453 cuft

Storage Indication method used. Exfiltration extracted from Outflow.



Hydrograph Report

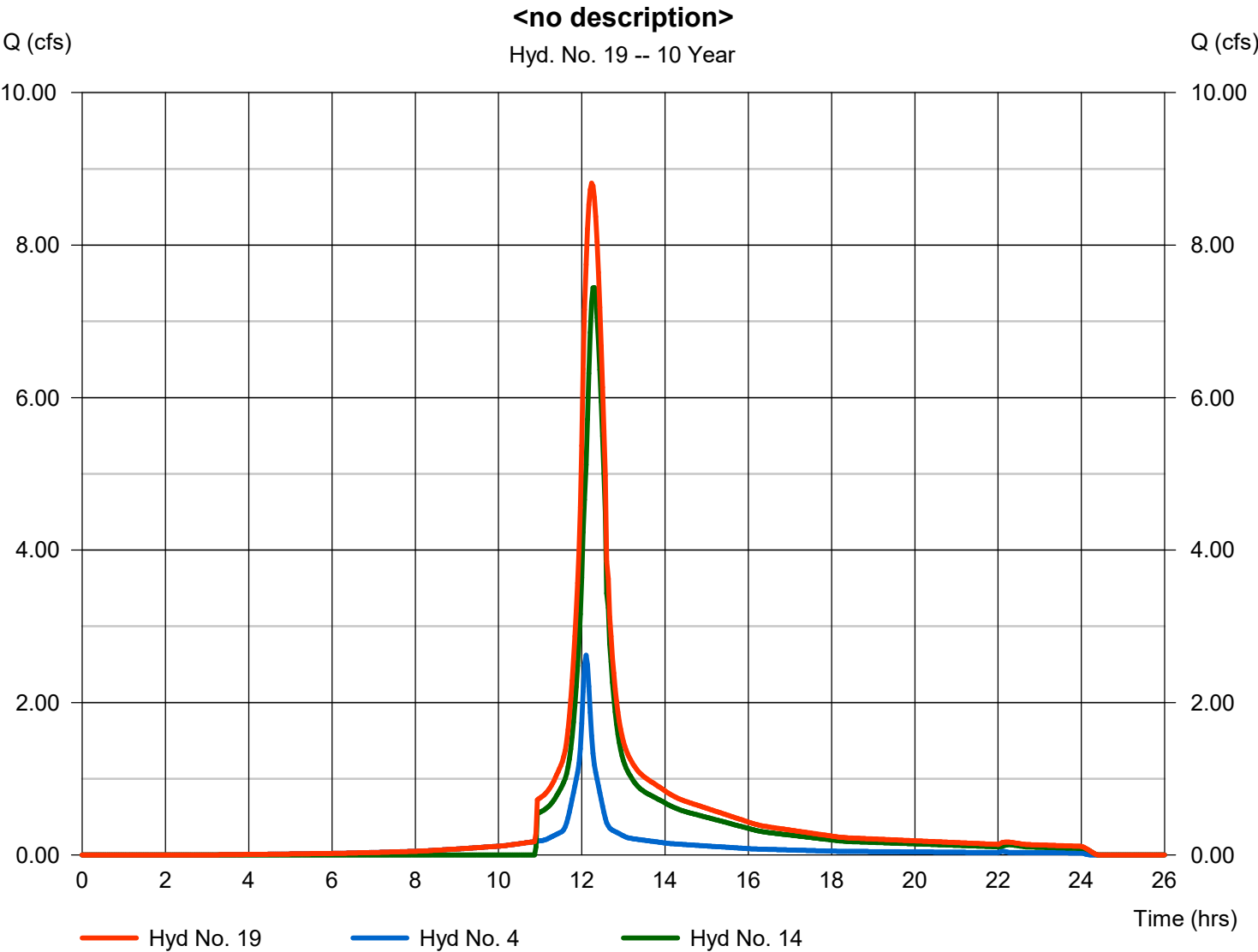
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 19

<no description>

Hydrograph type	= Combine	Peak discharge	= 8.811 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.23 hrs
Time interval	= 2 min	Hyd. volume	= 41,416 cuft
Inflow hyds.	= 4, 14	Contrib. drain. area	= 0.576 ac



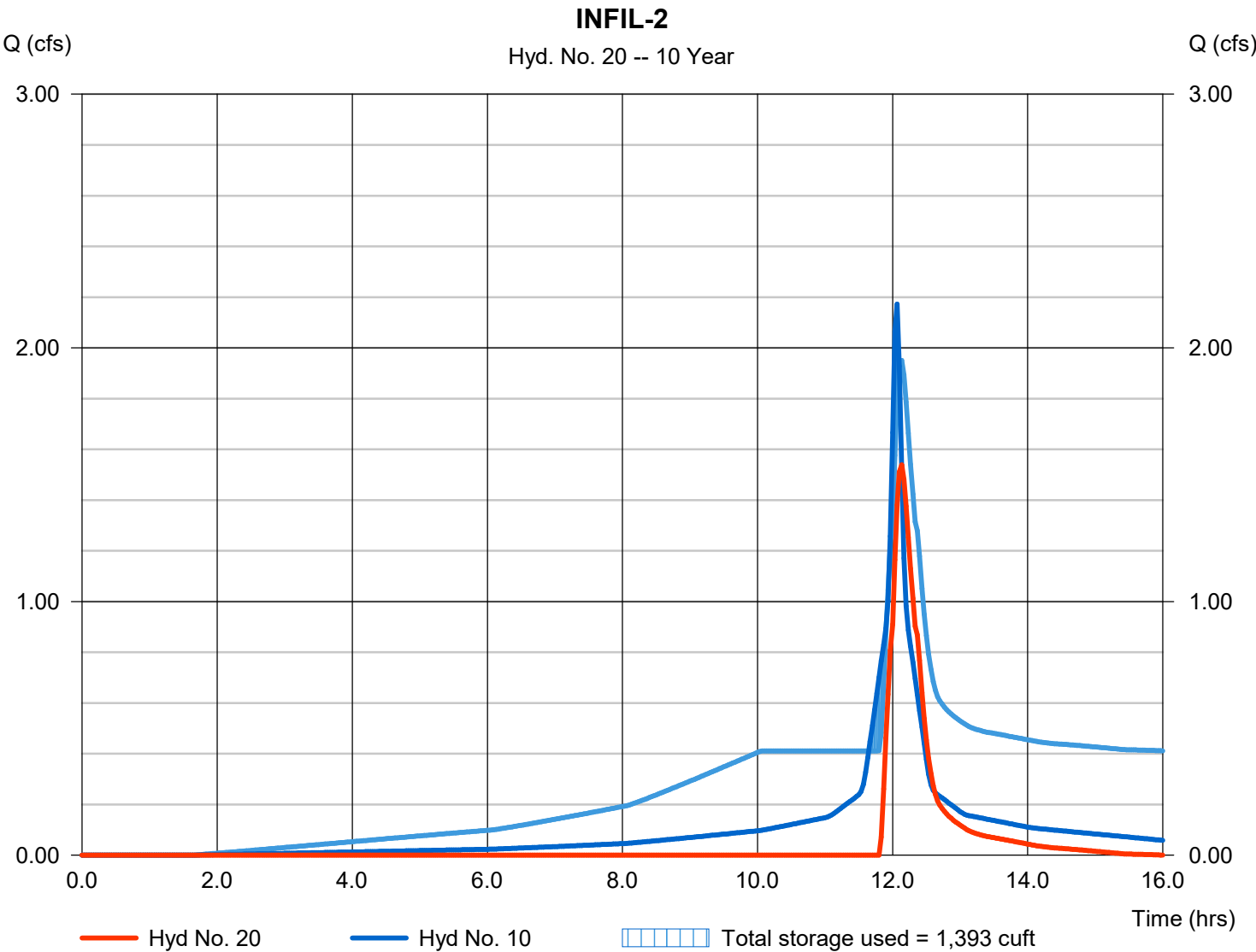
Hydrograph Report

Hyd. No. 20

INFIL-2

Hydrograph type	= Reservoir	Peak discharge	= 1.539 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.13 hrs
Time interval	= 2 min	Hyd. volume	= 3,027 cuft
Inflow hyd. No.	= 10 - PR WS-02G(II)	Max. Elevation	= 134.79 ft
Reservoir name	= INFIL-2	Max. Storage	= 1,393 cuft

Storage Indication method used. Exfiltration extracted from Outflow.



Hydrograph Report

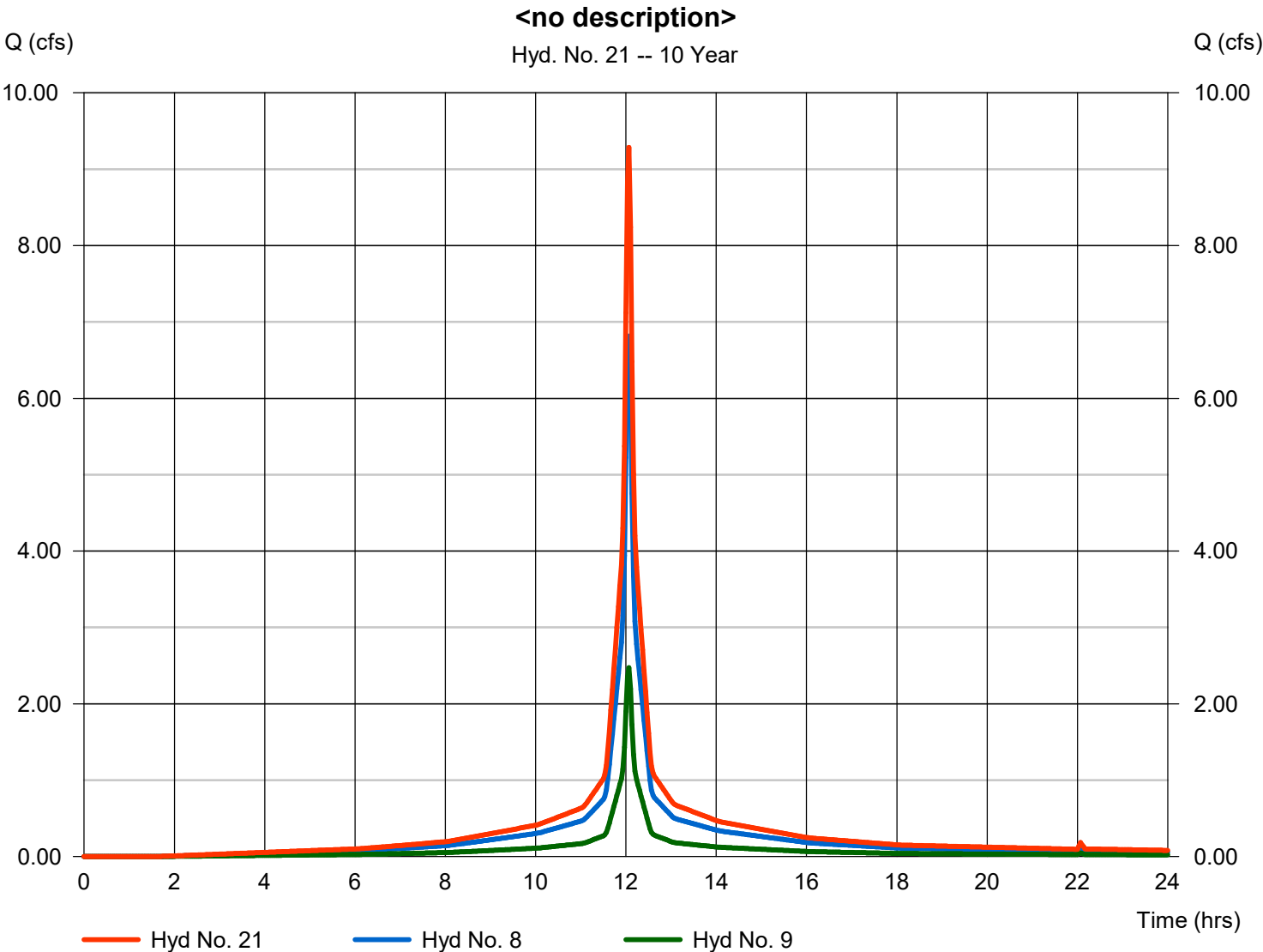
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 21

<no description>

Hydrograph type	= Combine	Peak discharge	= 9.287 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 30,998 cuft
Inflow hyds.	= 8, 9	Contrib. drain. area	= 1.855 ac



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

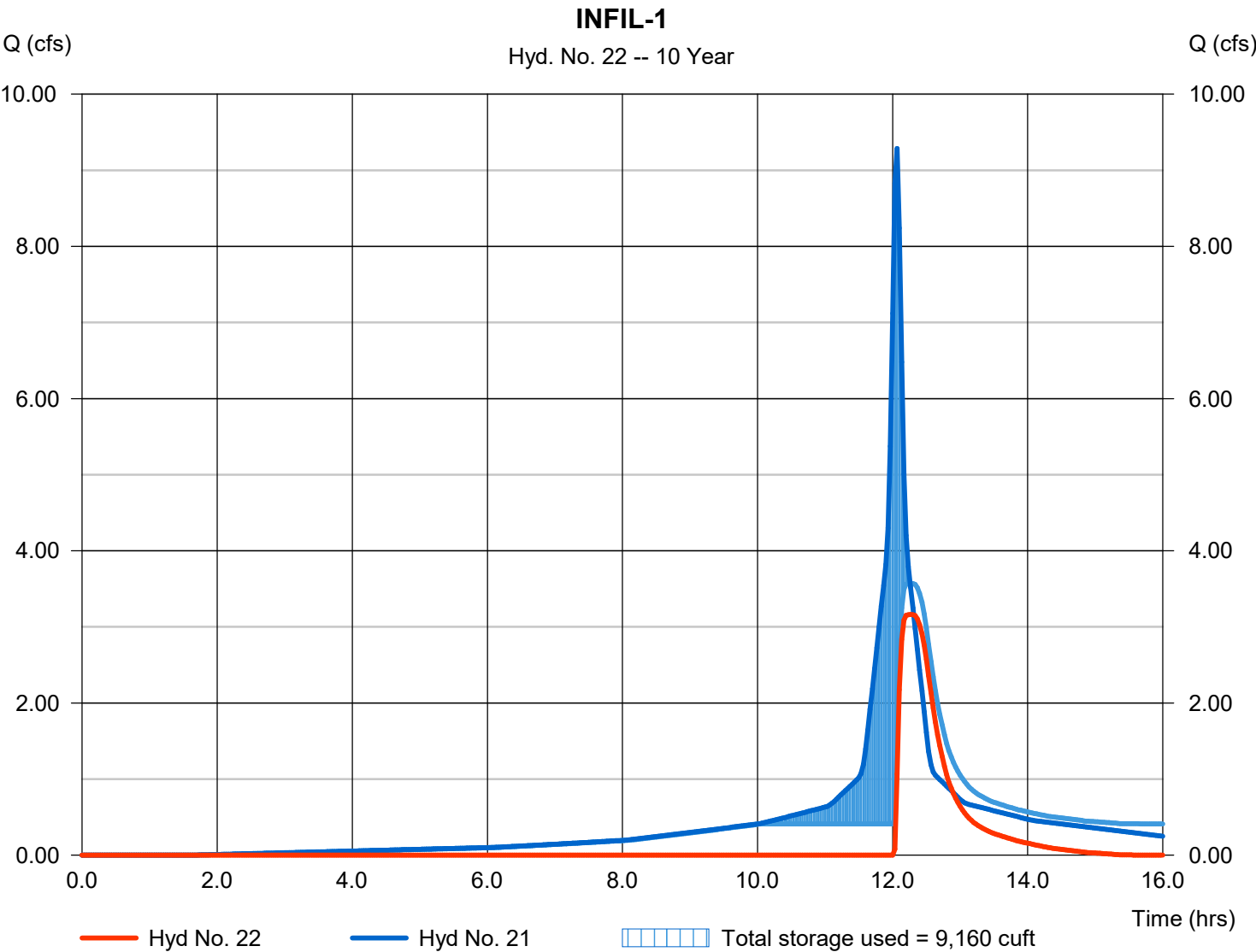
Thursday, 04 / 4 / 2024

Hyd. No. 22

INFIL-1

Hydrograph type	= Reservoir	Peak discharge	= 3.162 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.27 hrs
Time interval	= 2 min	Hyd. volume	= 8,485 cuft
Inflow hyd. No.	= 21 - <no description>	Max. Elevation	= 135.72 ft
Reservoir name	= INFIL-1	Max. Storage	= 9,160 cuft

Storage Indication method used. Exfiltration extracted from Outflow.

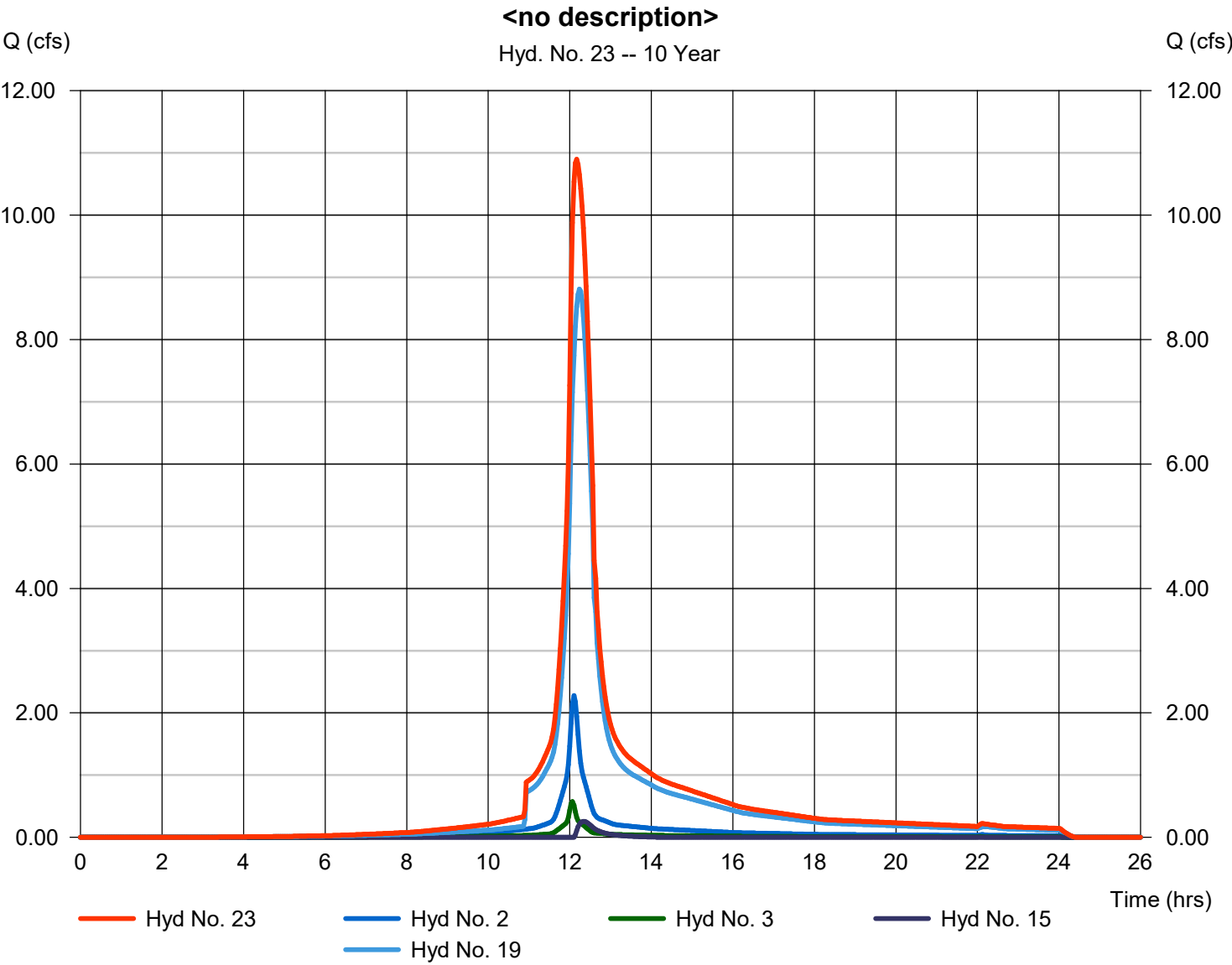


Hydrograph Report

Hyd. No. 23

<no description>

Hydrograph type	= Combine	Peak discharge	= 10.90 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.17 hrs
Time interval	= 2 min	Hyd. volume	= 51,656 cuft
Inflow hyds.	= 2, 3, 15, 19	Contrib. drain. area	= 0.689 ac

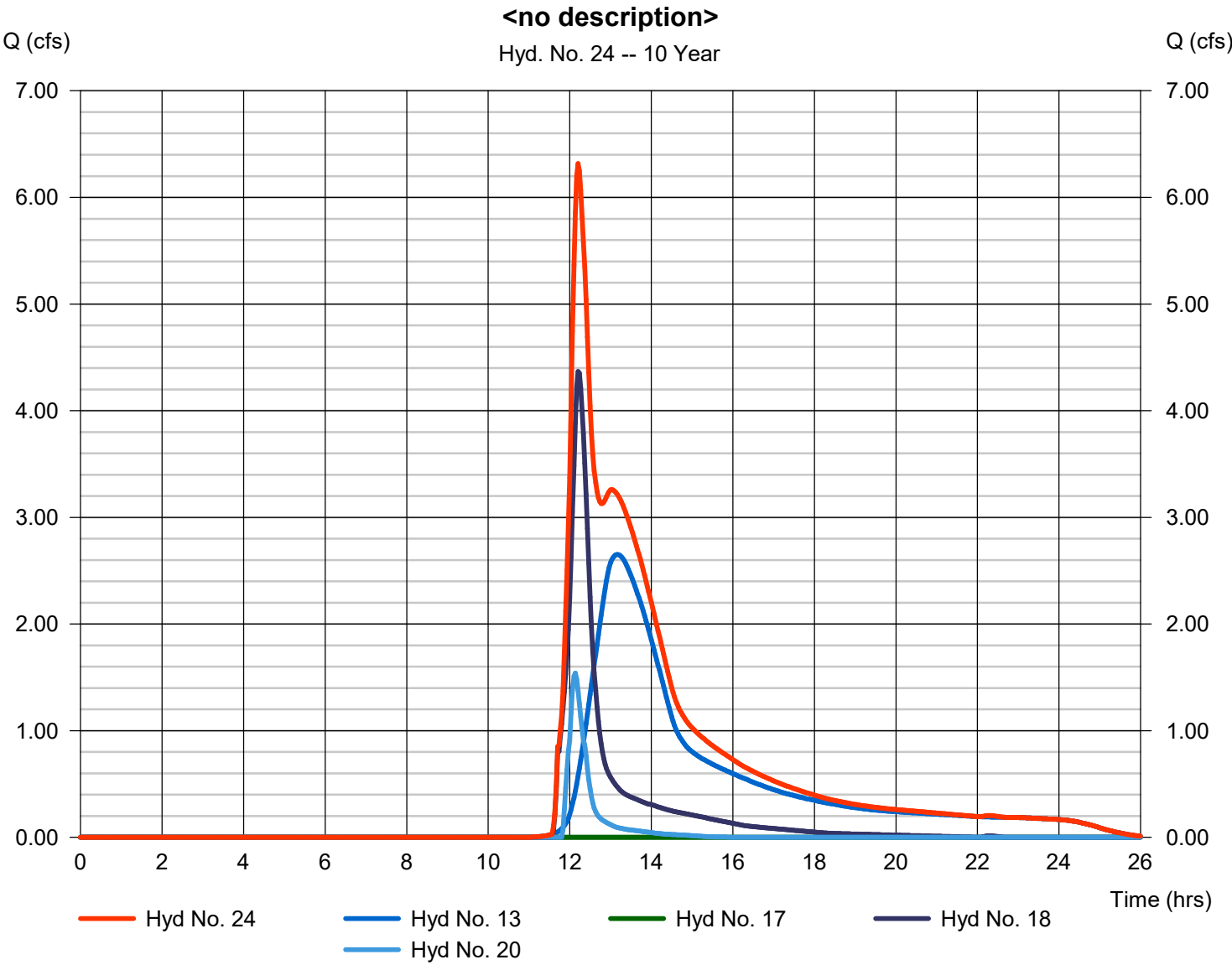


Hydrograph Report

Hyd. No. 24

<no description>

Hydrograph type	= Combine	Peak discharge	= 6.316 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.20 hrs
Time interval	= 2 min	Hyd. volume	= 46,058 cuft
Inflow hyds.	= 13, 17, 18, 20	Contrib. drain. area	= 4.837 ac

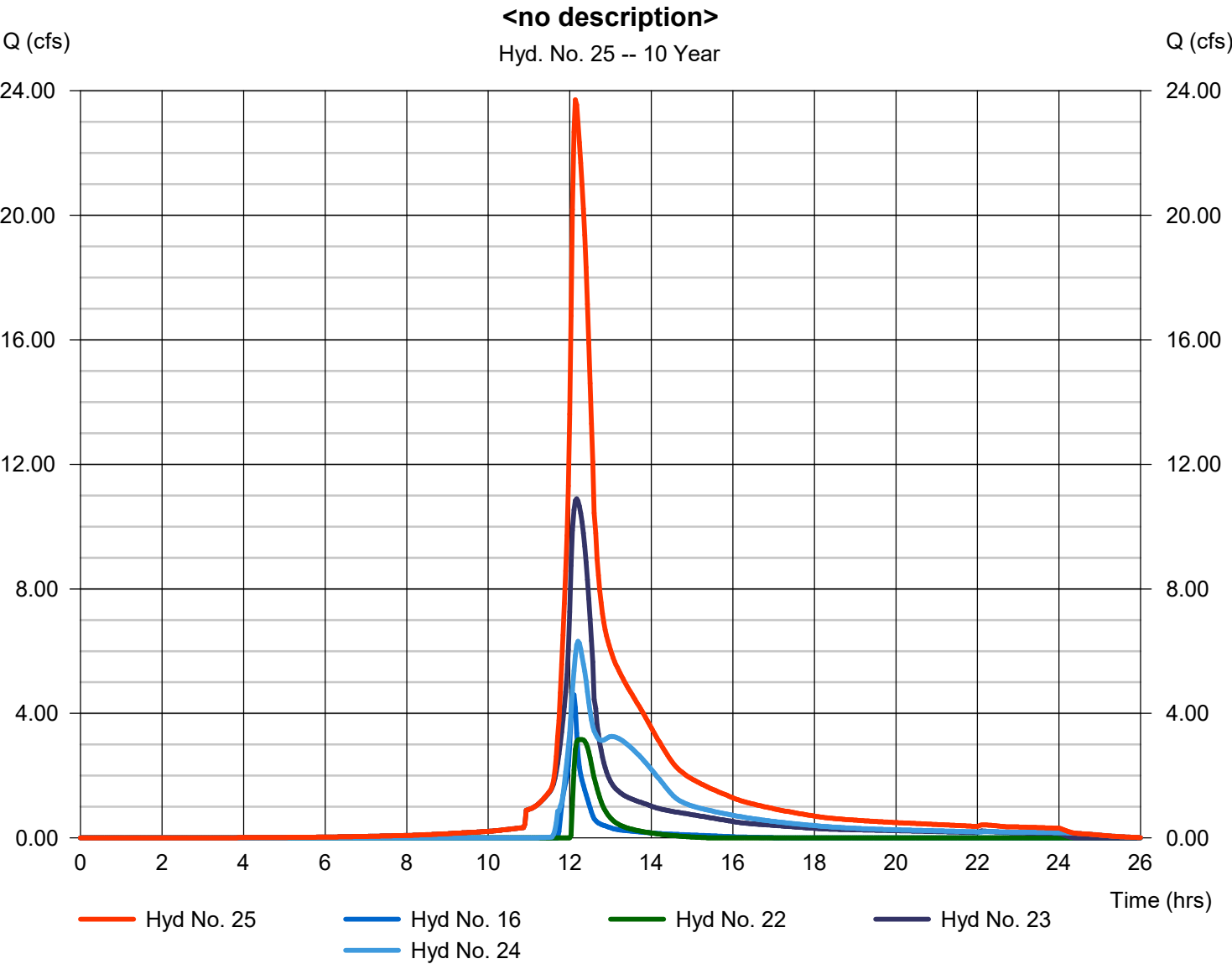


Hydrograph Report

Hyd. No. 25

<no description>

Hydrograph type	= Combine	Peak discharge	= 23.71 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.13 hrs
Time interval	= 2 min	Hyd. volume	= 114,719 cuft
Inflow hyds.	= 16, 22, 23, 24	Contrib. drain. area	= 0.000 ac



Hydrograph Report

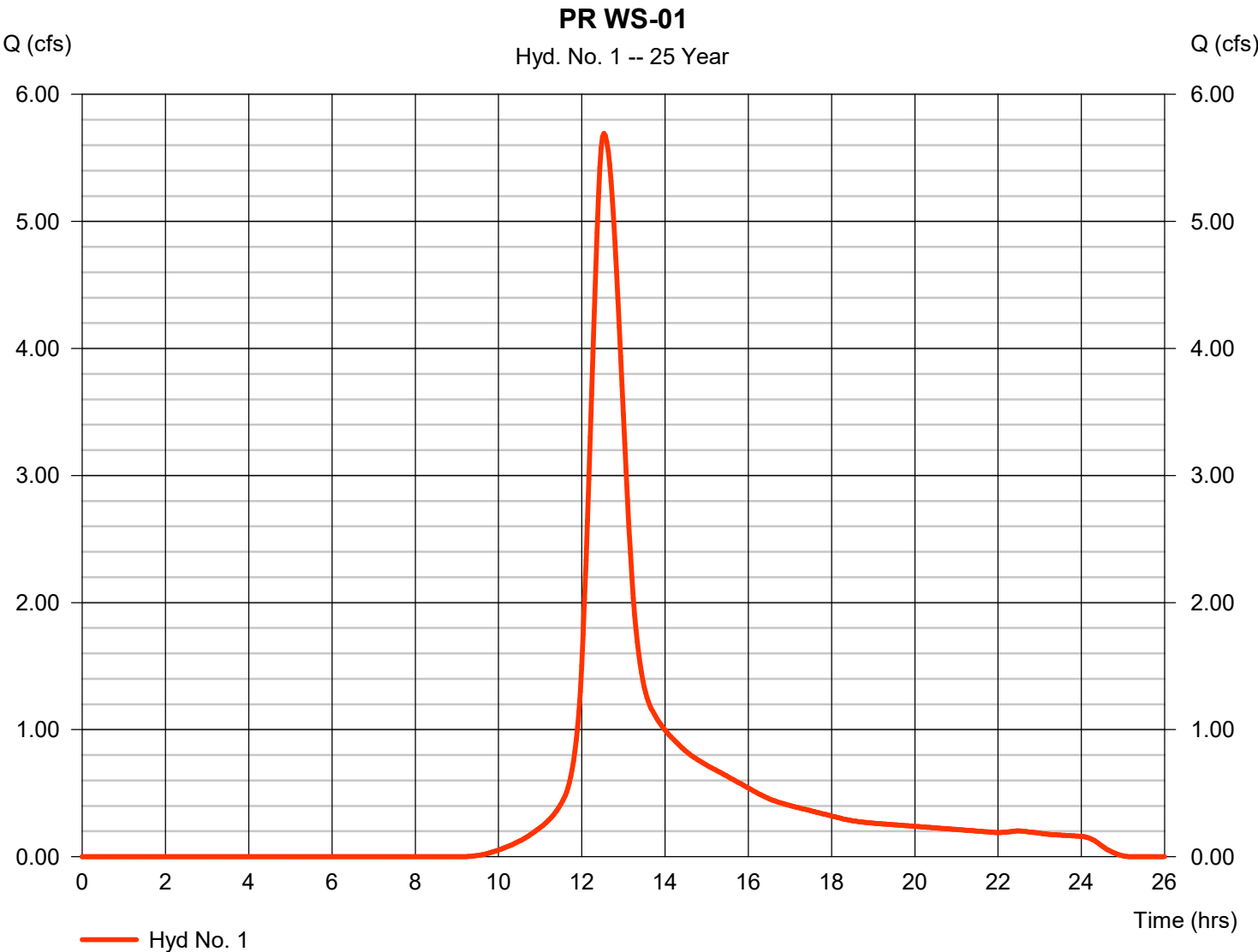
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 1

PR WS-01

Hydrograph type	= SCS Runoff	Peak discharge	= 5.692 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.53 hrs
Time interval	= 2 min	Hyd. volume	= 37,264 cuft
Drainage area	= 3.405 ac	Curve number	= 68
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 45.70 min
Total precip.	= 6.54 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

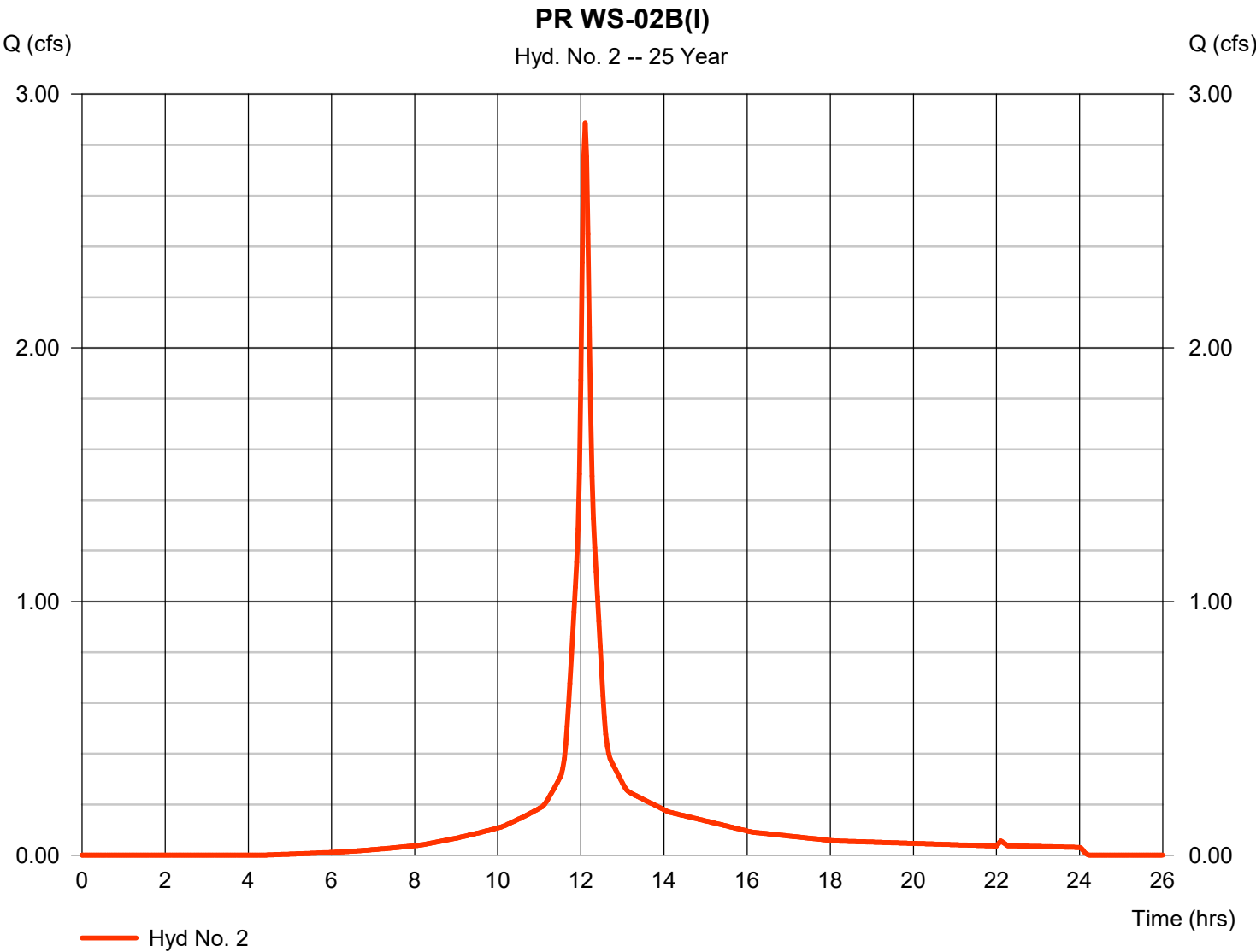


Hydrograph Report

Hyd. No. 2

PR WS-02B(I)

Hydrograph type	= SCS Runoff	Peak discharge	= 2.885 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.10 hrs
Time interval	= 2 min	Hyd. volume	= 10,181 cuft
Drainage area	= 0.557 ac	Curve number	= 87
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 7.40 min
Total precip.	= 6.54 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

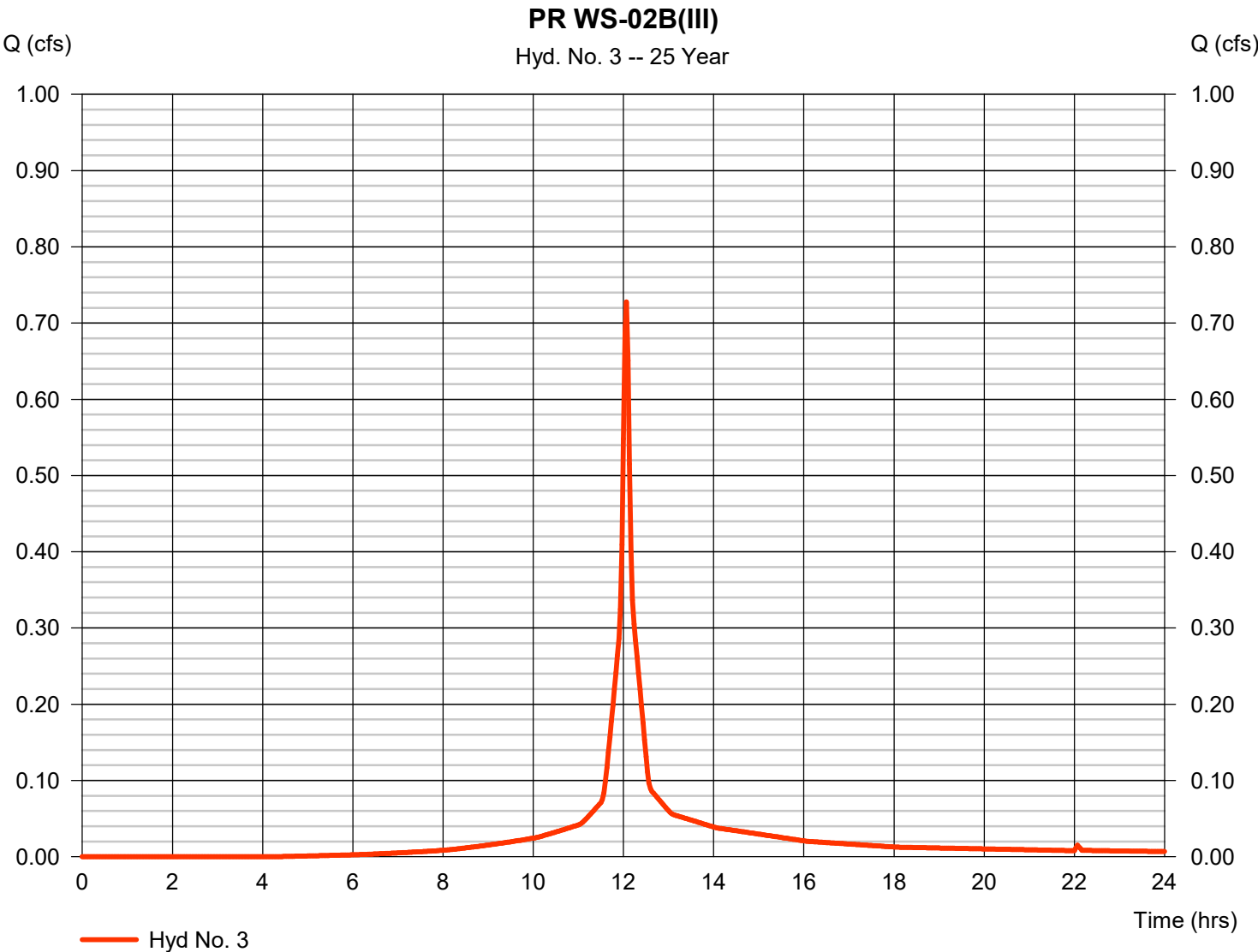
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 3

PR WS-02B(III)

Hydrograph type	= SCS Runoff	Peak discharge	= 0.728 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 2,262 cuft
Drainage area	= 0.132 ac	Curve number	= 87
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 6.54 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

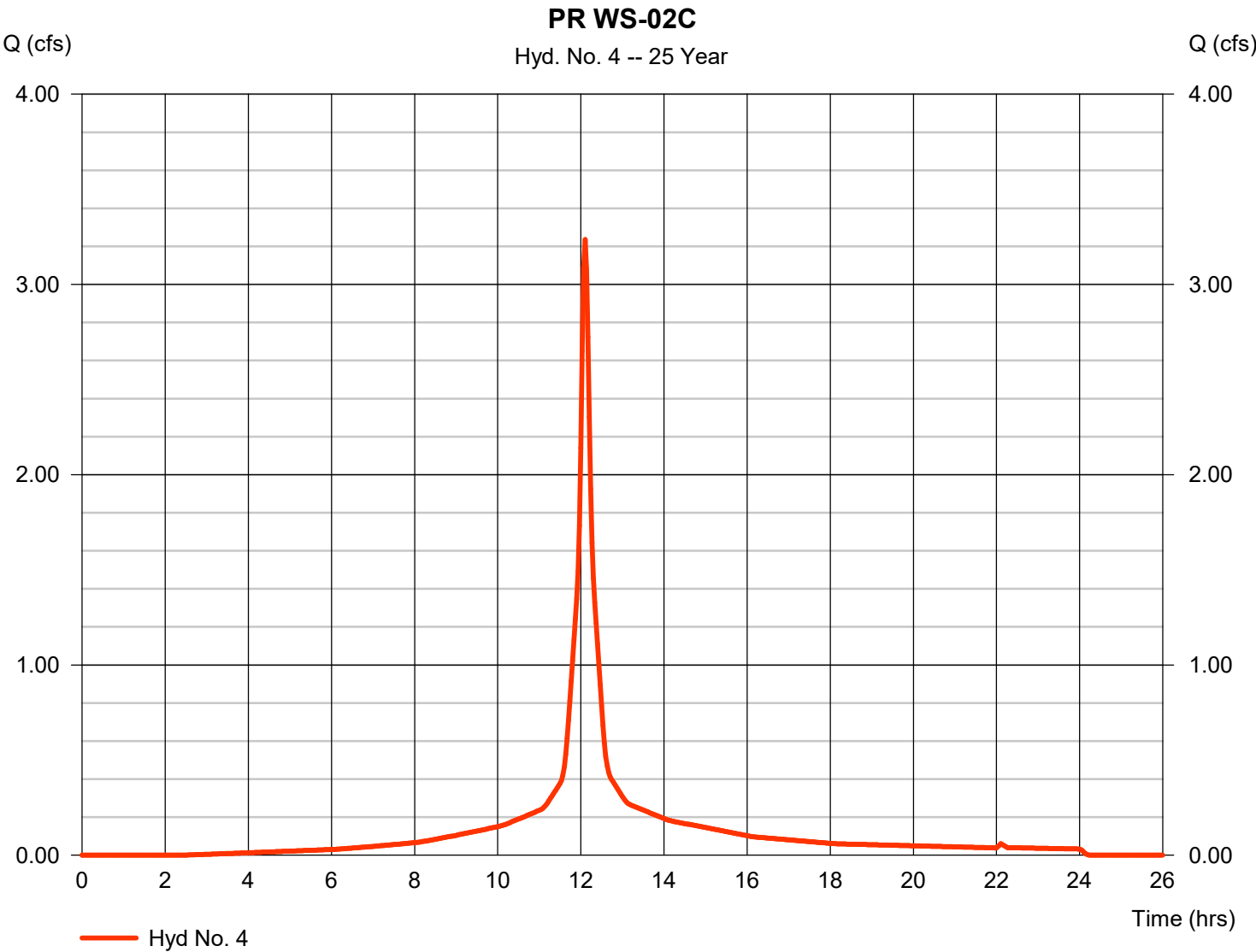


Hydrograph Report

Hyd. No. 4

PR WS-02C

Hydrograph type	= SCS Runoff	Peak discharge	= 3.236 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.10 hrs
Time interval	= 2 min	Hyd. volume	= 11,952 cuft
Drainage area	= 0.576 ac	Curve number	= 93
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 9.40 min
Total precip.	= 6.54 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

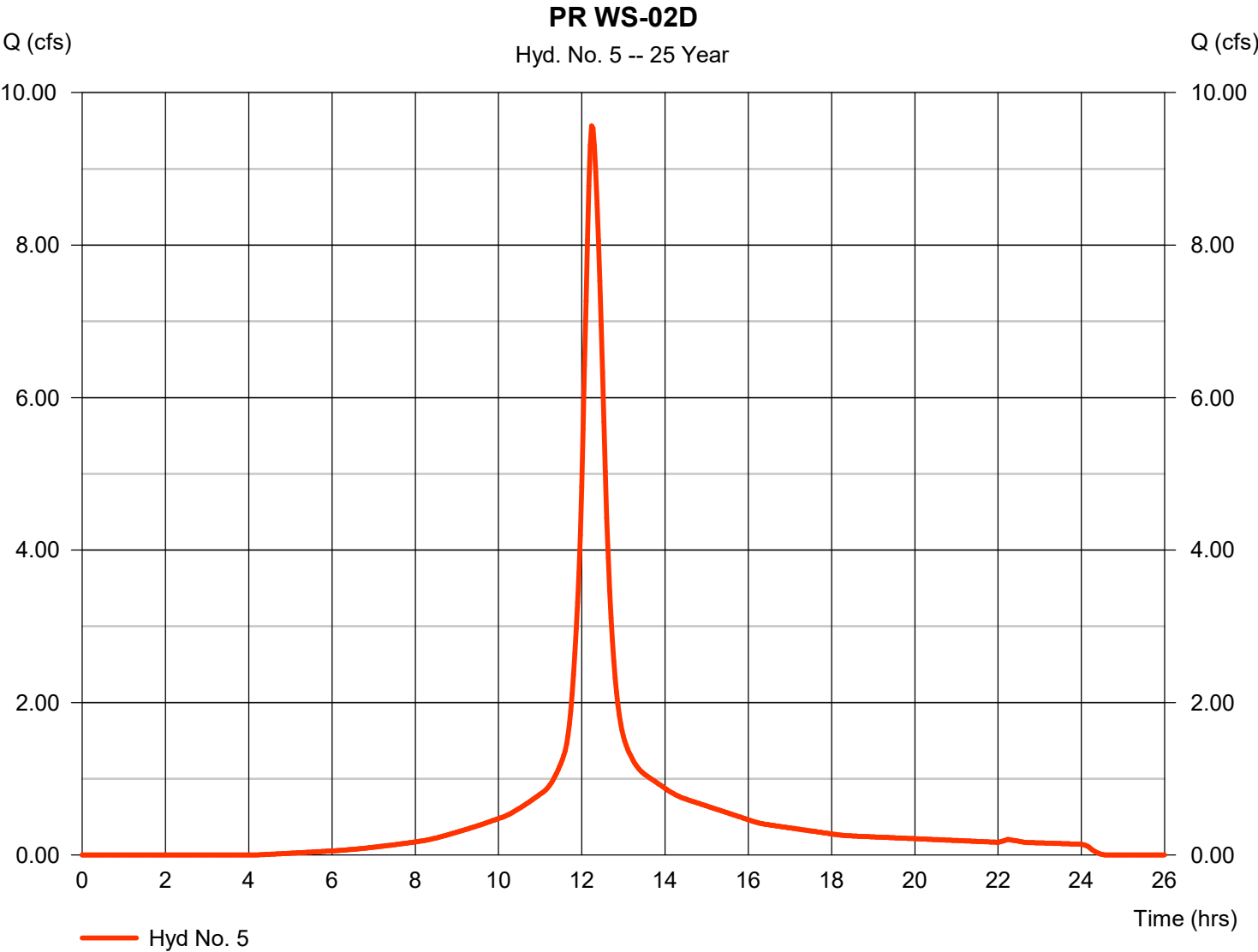


Hydrograph Report

Hyd. No. 5

PR WS-02D

Hydrograph type	= SCS Runoff	Peak discharge	= 9.563 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.23 hrs
Time interval	= 2 min	Hyd. volume	= 46,823 cuft
Drainage area	= 2.462 ac	Curve number	= 88
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 22.10 min
Total precip.	= 6.54 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

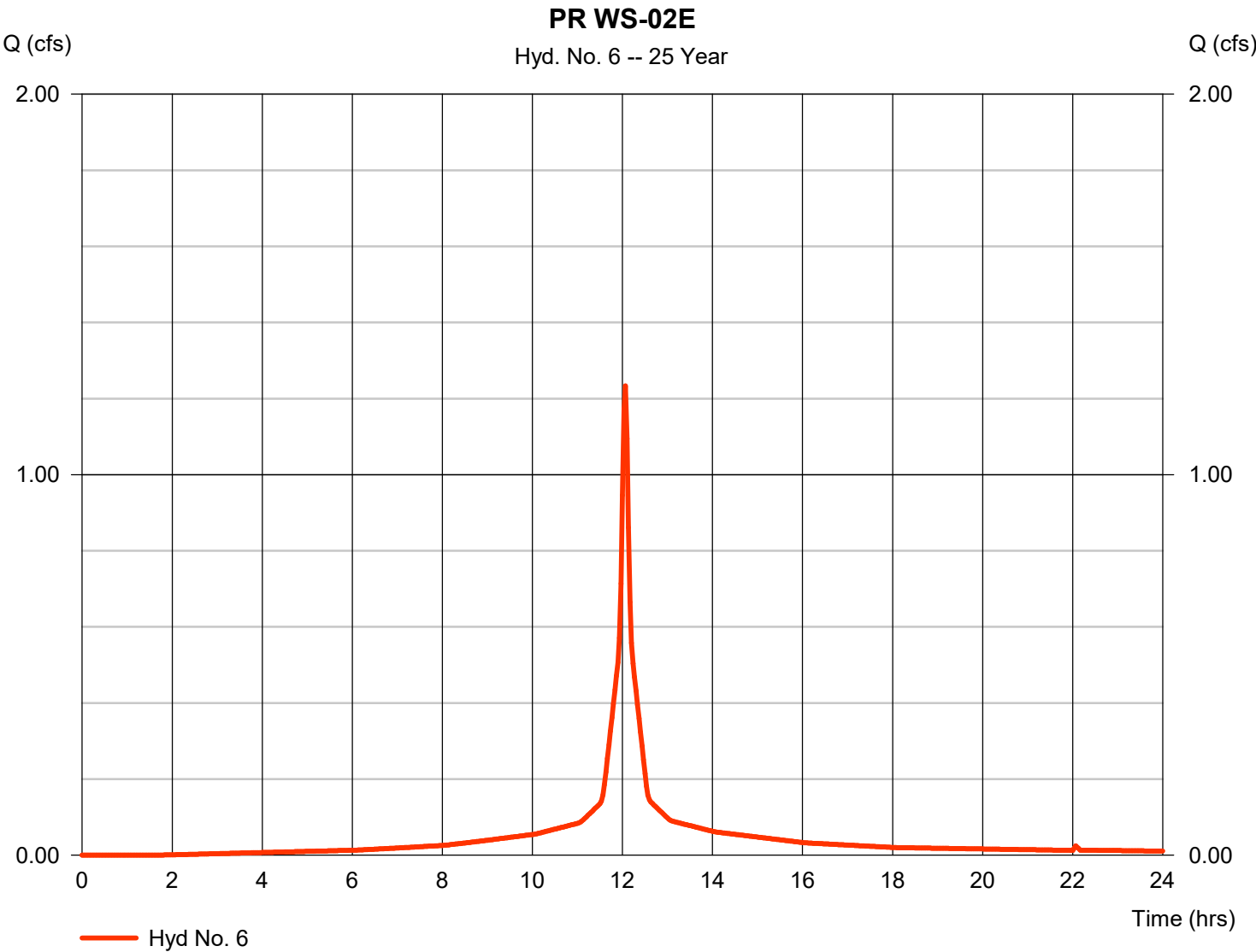


Hydrograph Report

Hyd. No. 6

PR WS-02E

Hydrograph type	= SCS Runoff	Peak discharge	= 1.234 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 4,109 cuft
Drainage area	= 0.203 ac	Curve number	= 95
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 6.54 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

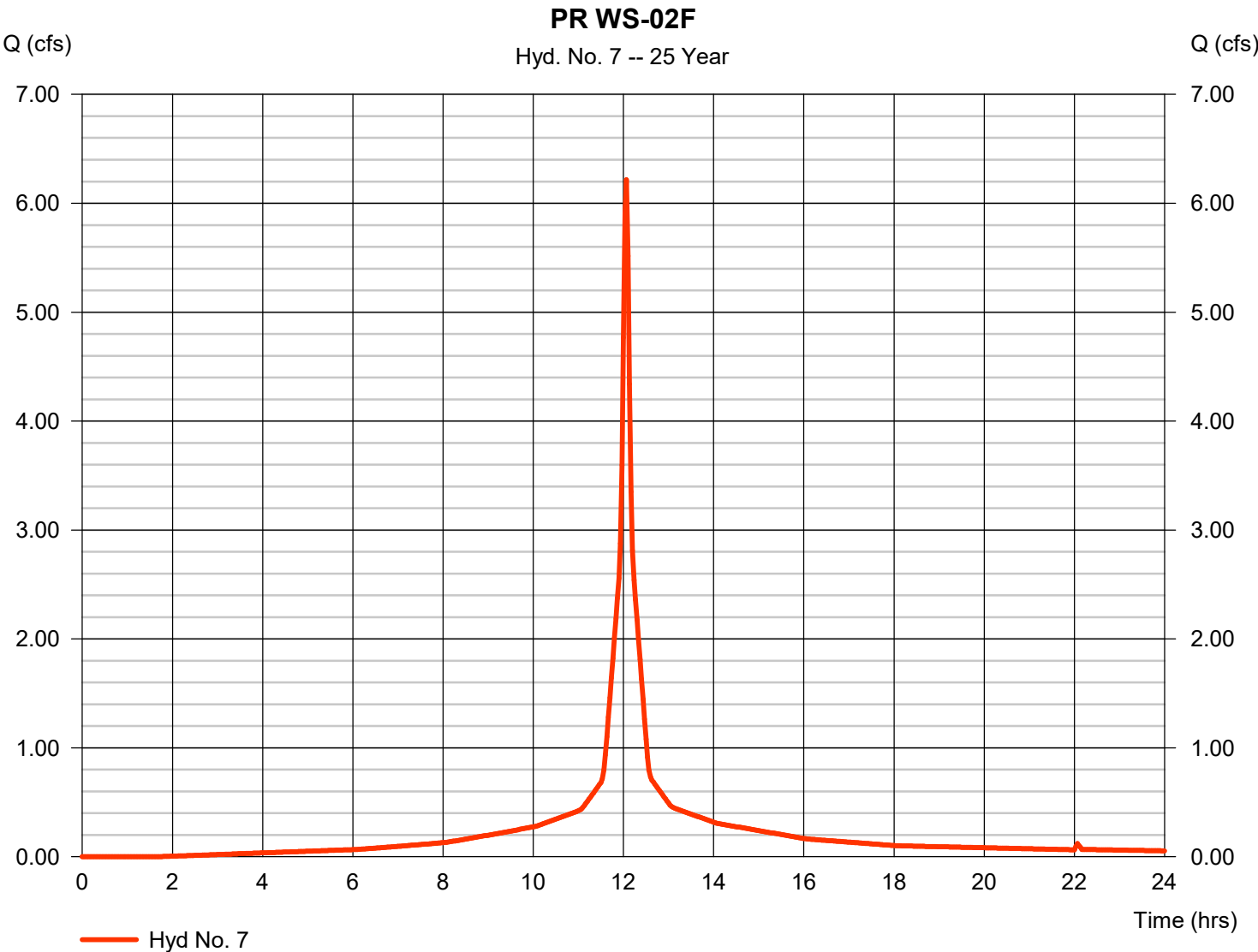
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 7

PR WS-02F

Hydrograph type	= SCS Runoff	Peak discharge	= 6.217 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 20,708 cuft
Drainage area	= 1.023 ac	Curve number	= 95
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 6.54 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

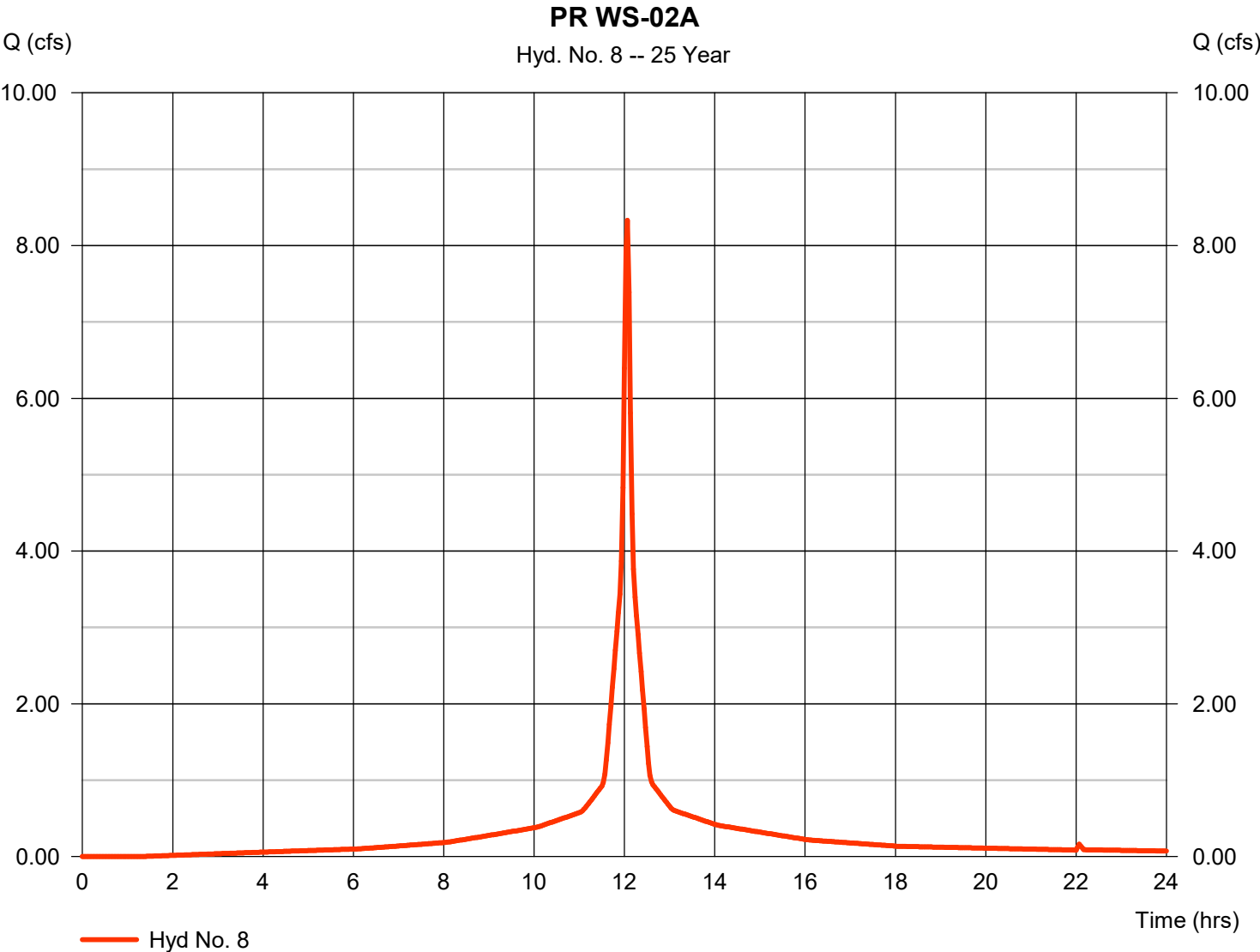
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 8

PR WS-02A

Hydrograph type	= SCS Runoff	Peak discharge	= 8.330 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 28,092 cuft
Drainage area	= 1.361 ac	Curve number	= 96
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 6.54 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

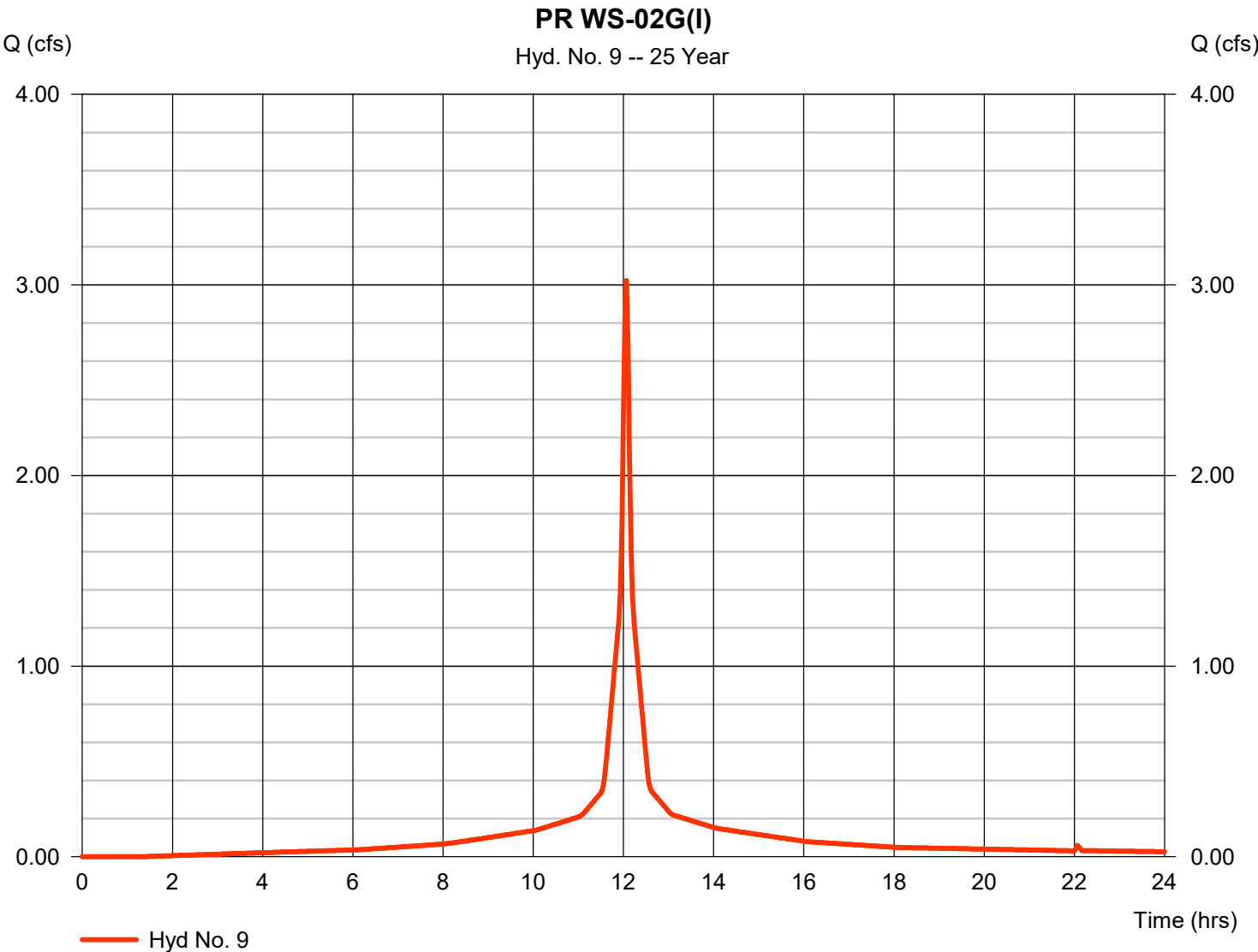


Hydrograph Report

Hyd. No. 9

PR WS-02G(I)

Hydrograph type	= SCS Runoff	Peak discharge	= 3.024 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 10,197 cuft
Drainage area	= 0.494 ac	Curve number	= 96
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 6.54 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

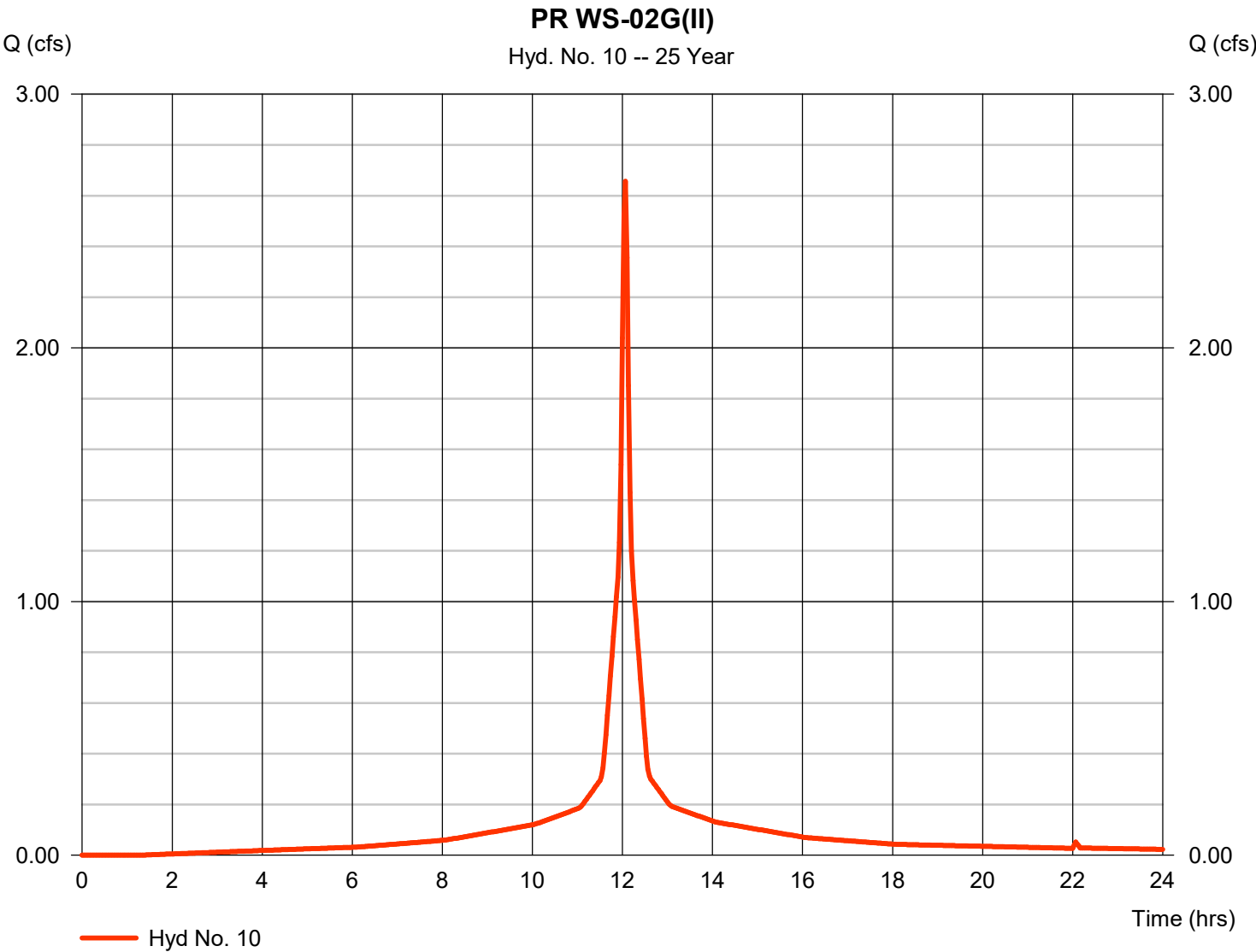


Hydrograph Report

Hyd. No. 10

PR WS-02G(II)

Hydrograph type	= SCS Runoff	Peak discharge	= 2.656 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 8,958 cuft
Drainage area	= 0.434 ac	Curve number	= 96
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 6.54 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

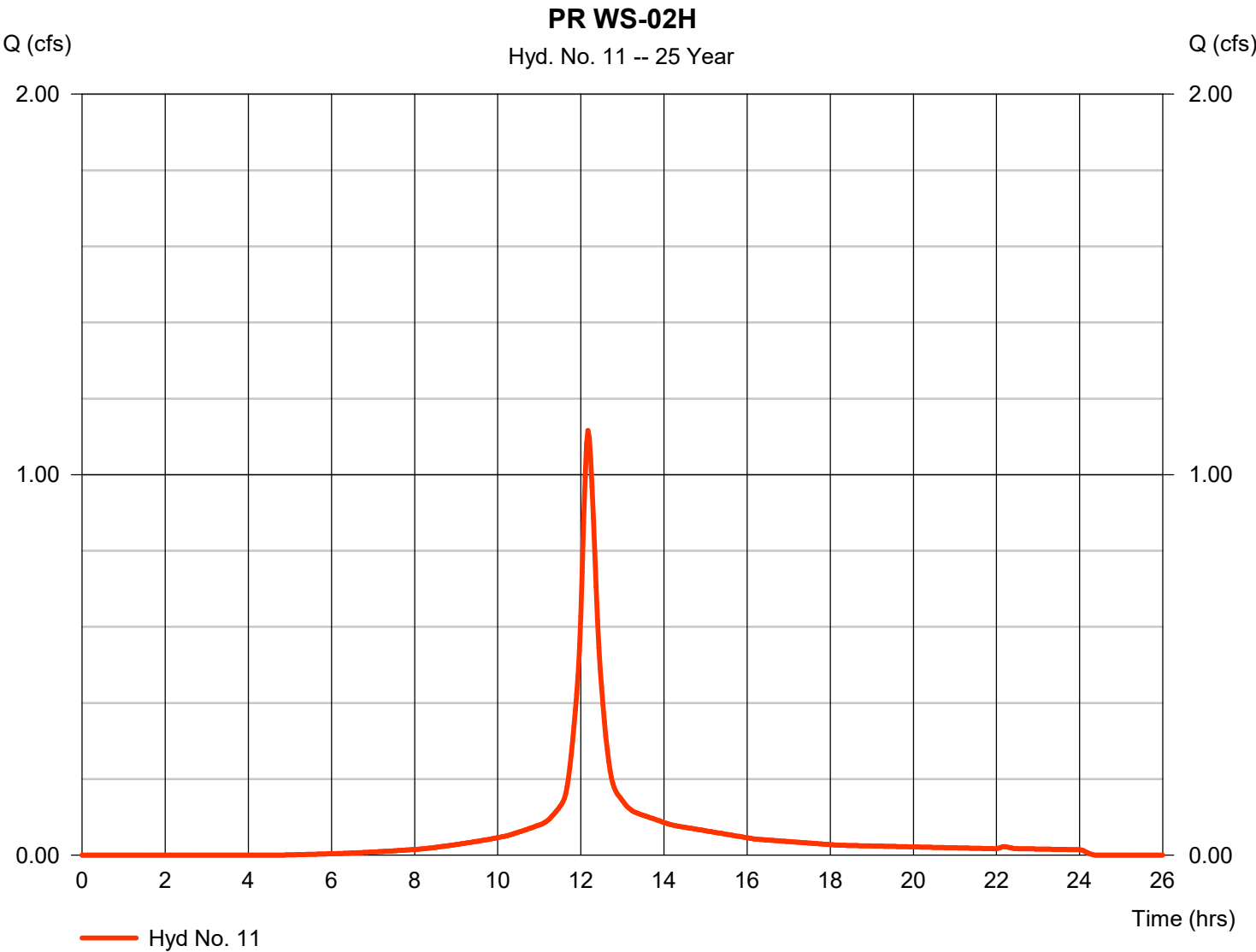


Hydrograph Report

Hyd. No. 11

PR WS-02H

Hydrograph type	= SCS Runoff	Peak discharge	= 1.116 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.17 hrs
Time interval	= 2 min	Hyd. volume	= 4,653 cuft
Drainage area	= 0.267 ac	Curve number	= 86
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 13.80 min
Total precip.	= 6.54 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

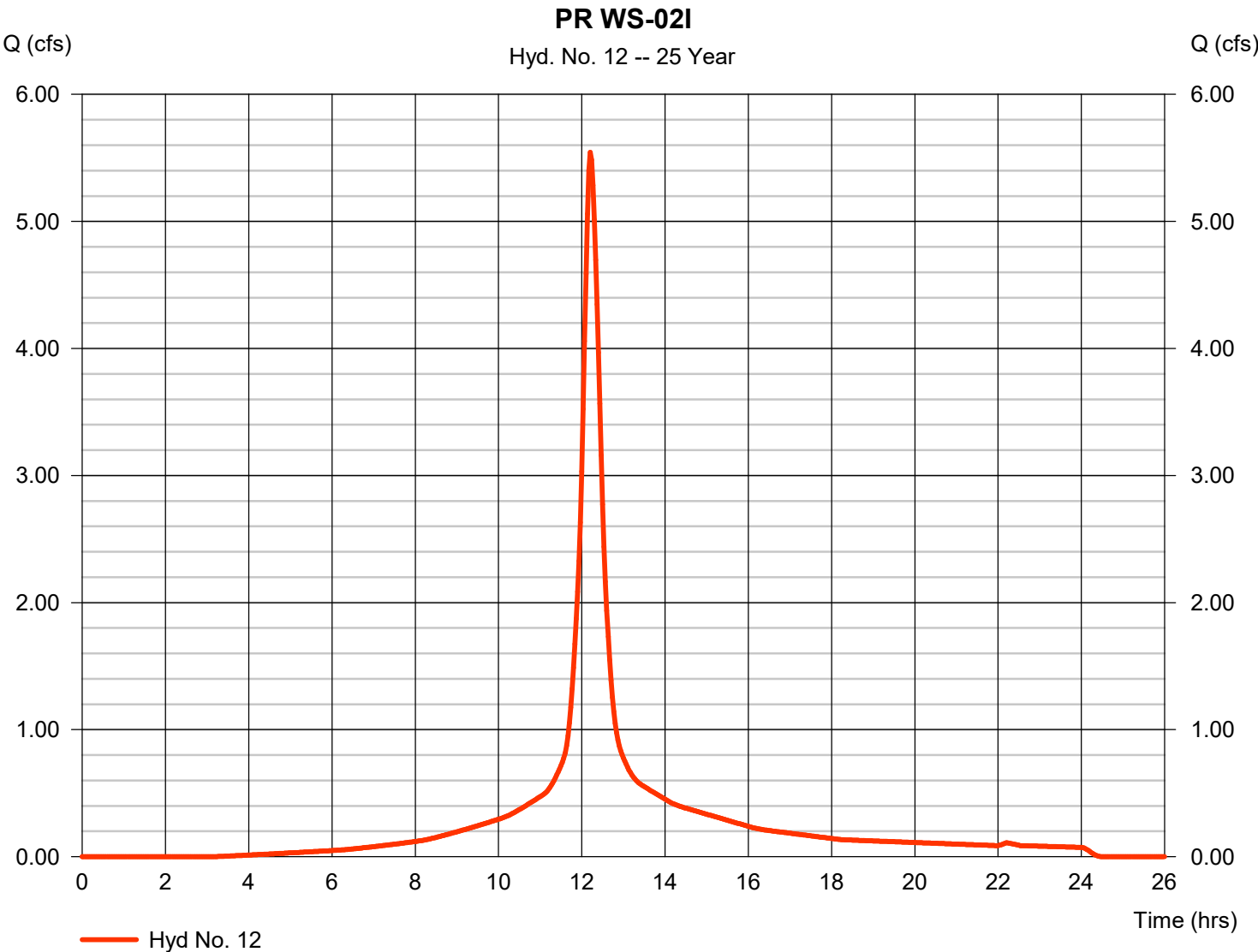
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 12

PR WS-02I

Hydrograph type	= SCS Runoff	Peak discharge	= 5.543 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.20 hrs
Time interval	= 2 min	Hyd. volume	= 25,812 cuft
Drainage area	= 1.296 ac	Curve number	= 91
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 18.60 min
Total precip.	= 6.54 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

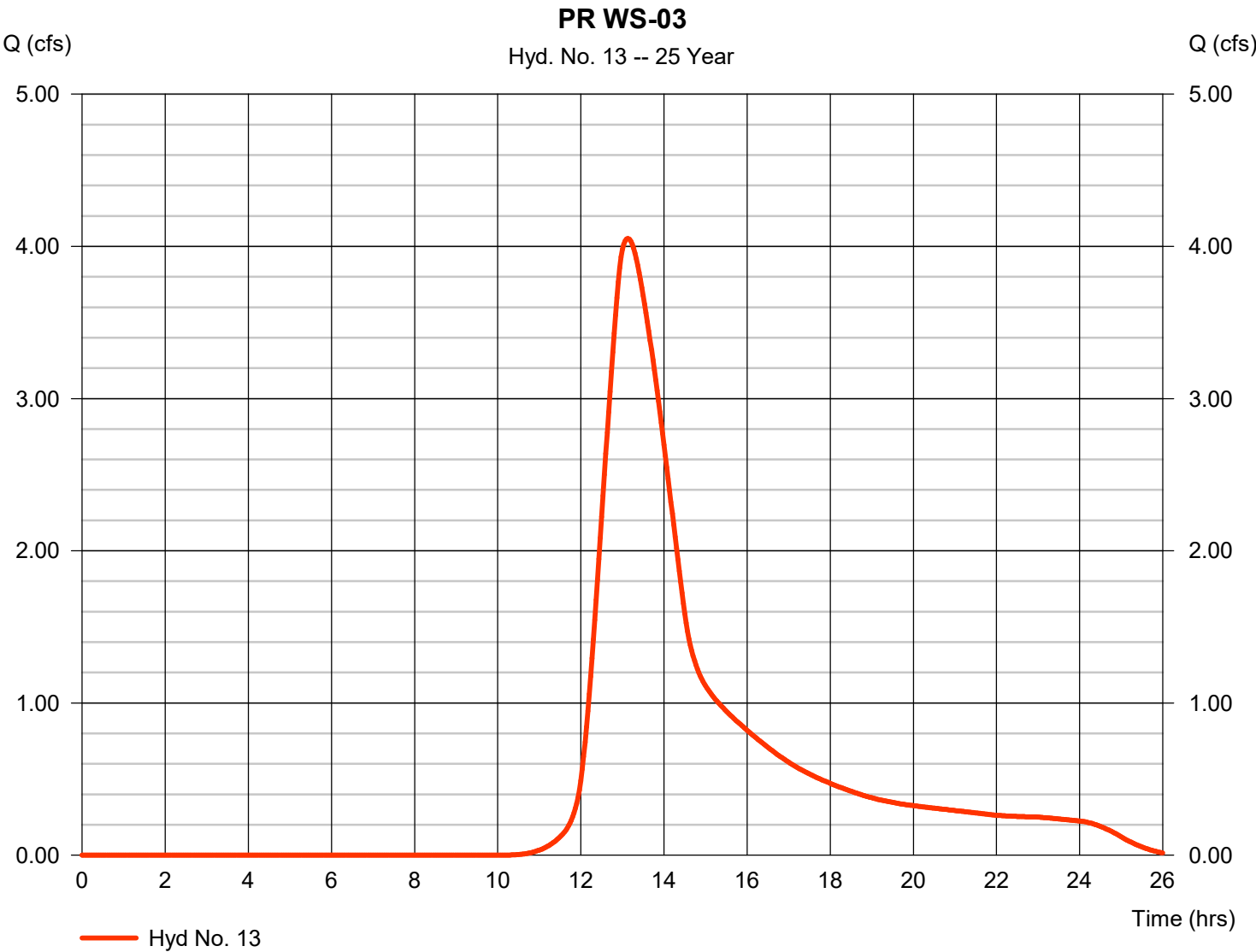


Hydrograph Report

Hyd. No. 13

PR WS-03

Hydrograph type	= SCS Runoff	Peak discharge	= 4.052 cfs
Storm frequency	= 25 yrs	Time to peak	= 13.13 hrs
Time interval	= 2 min	Hyd. volume	= 43,145 cuft
Drainage area	= 4.837 ac	Curve number	= 62
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 95.00 min
Total precip.	= 6.54 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

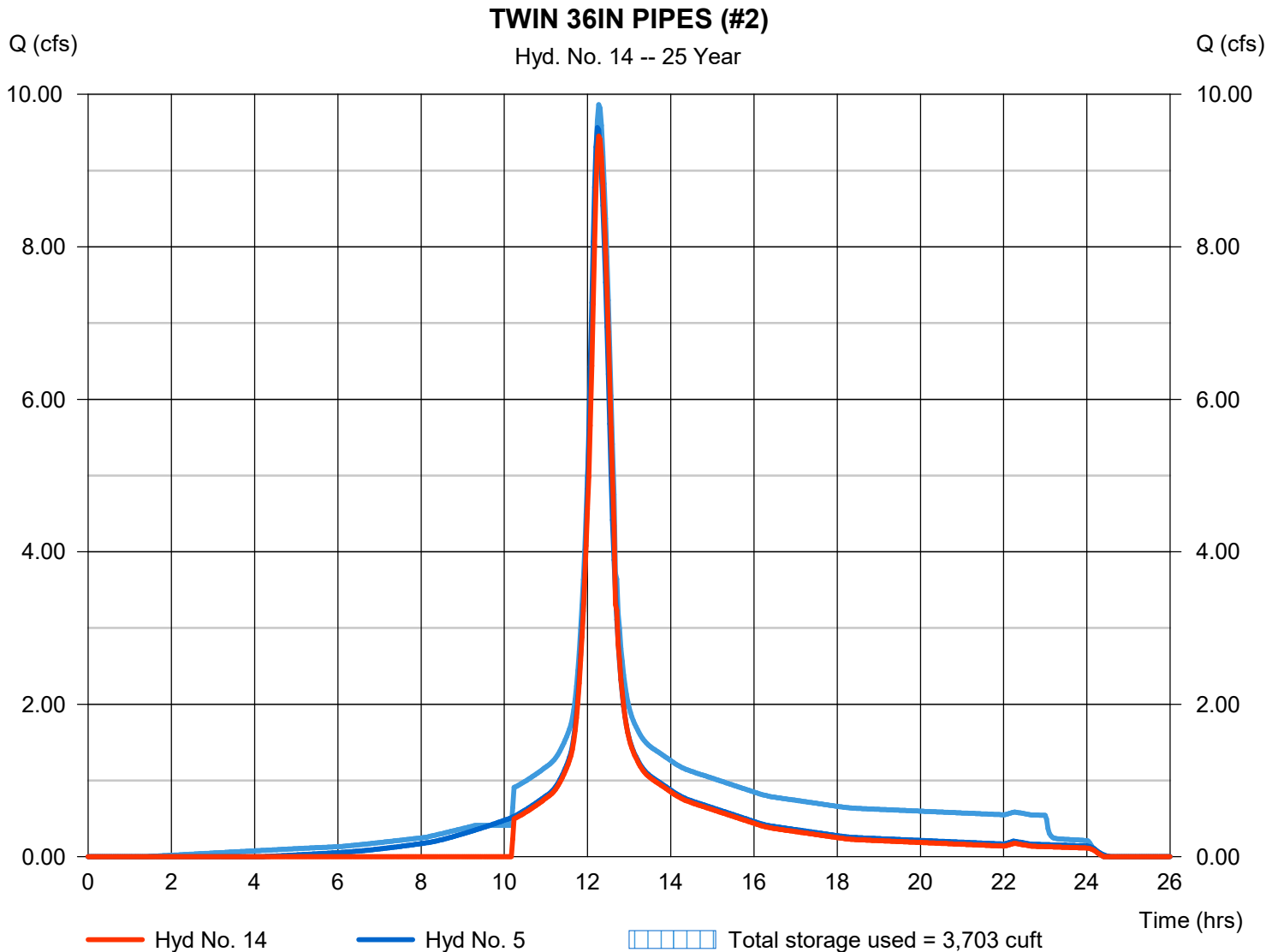
Thursday, 04 / 4 / 2024

Hyd. No. 14

TWIN 36IN PIPES (#2)

Hydrograph type	= Reservoir	Peak discharge	= 9.452 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.27 hrs
Time interval	= 2 min	Hyd. volume	= 41,926 cuft
Inflow hyd. No.	= 5 - PR WS-02D	Max. Elevation	= 139.13 ft
Reservoir name	= Northern Twin 36IN	Max. Storage	= 3,703 cuft

Storage Indication method used. Exfiltration extracted from Outflow.



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

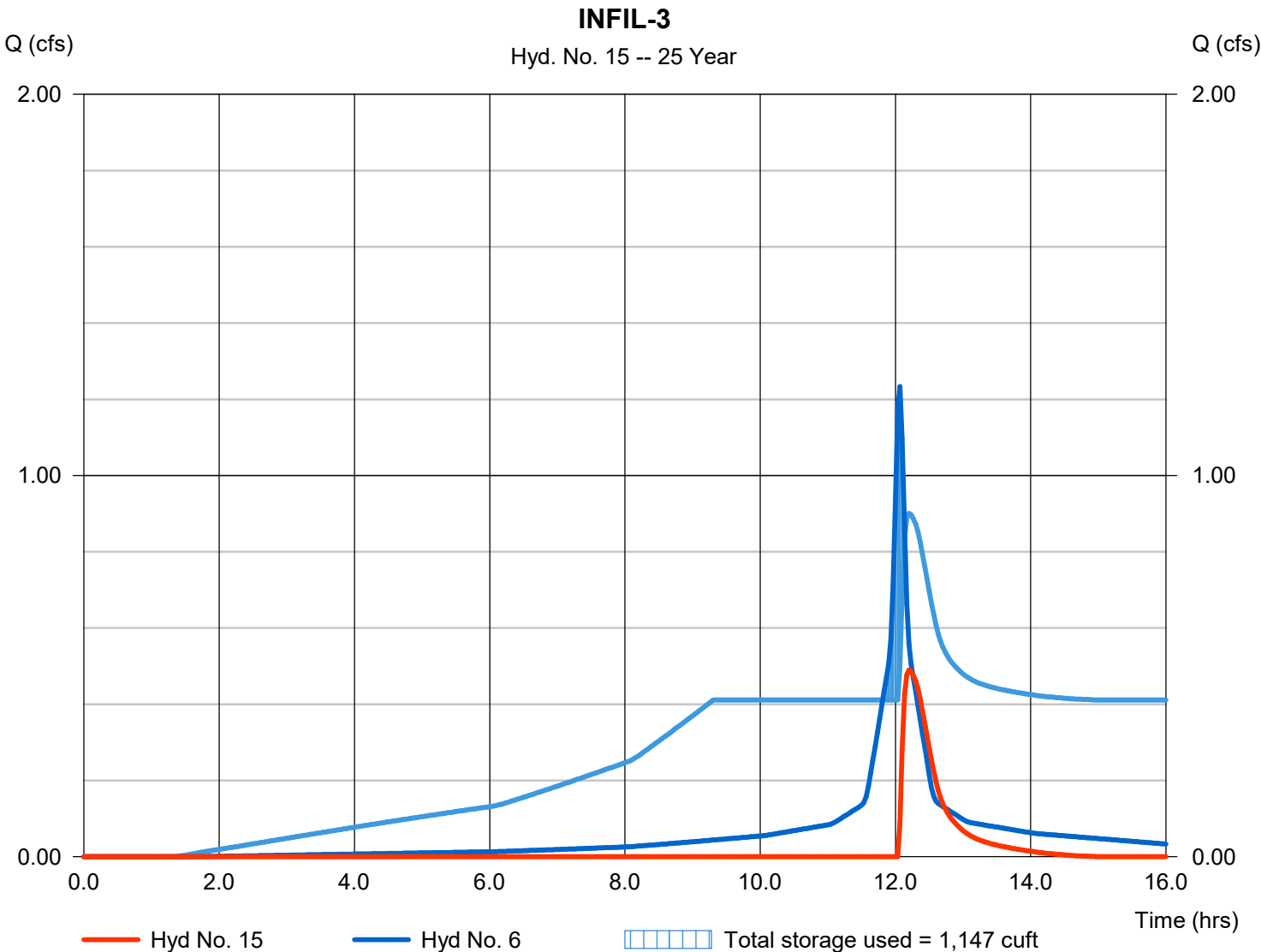
Thursday, 04 / 4 / 2024

Hyd. No. 15

INFIL-3

Hydrograph type	= Reservoir	Peak discharge	= 0.490 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.20 hrs
Time interval	= 2 min	Hyd. volume	= 1,019 cuft
Inflow hyd. No.	= 6 - PR WS-02E	Max. Elevation	= 137.27 ft
Reservoir name	= INFIL-3	Max. Storage	= 1,147 cuft

Storage Indication method used. Exfiltration extracted from Outflow.



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

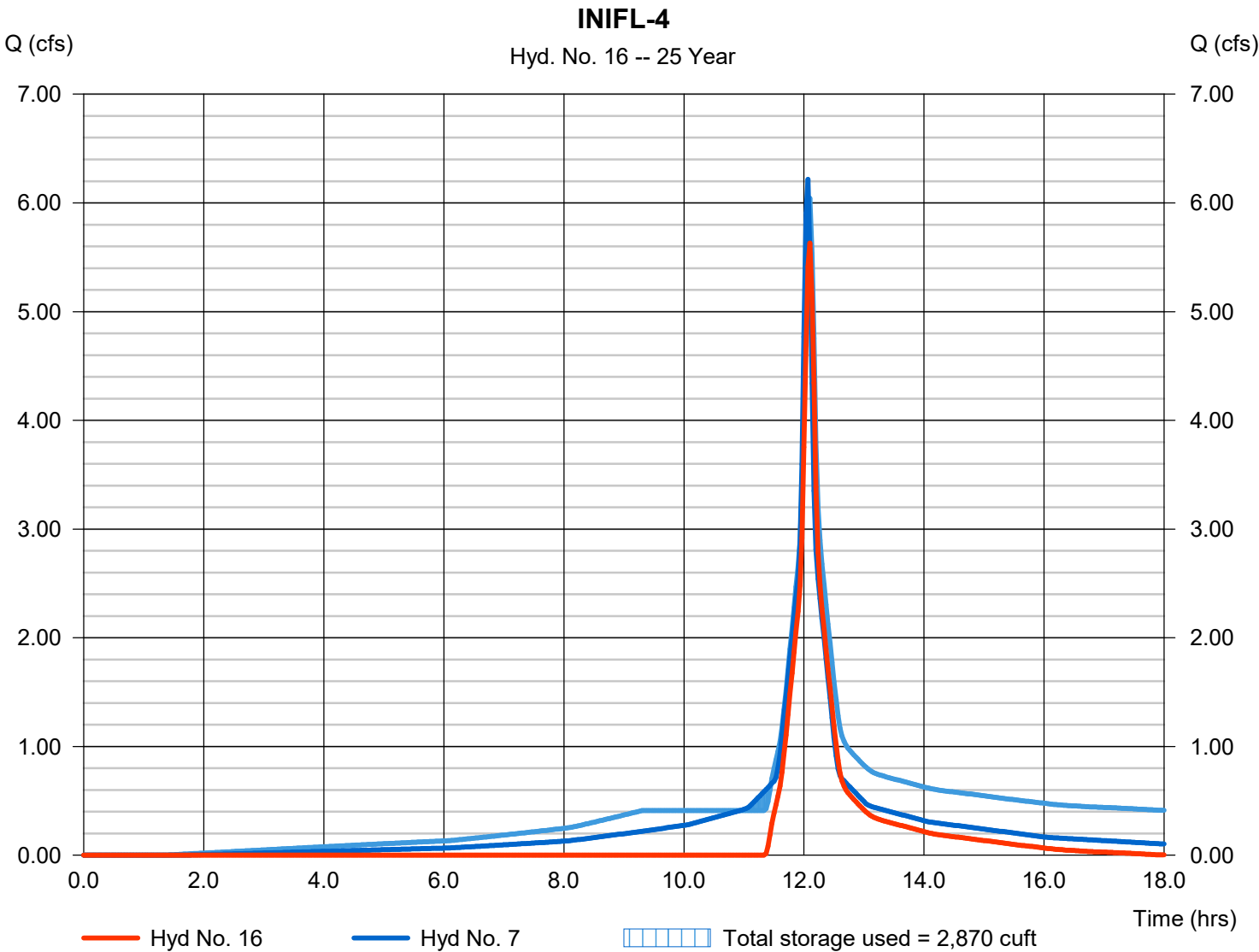
Thursday, 04 / 4 / 2024

Hyd. No. 16

INIFL-4

Hydrograph type	= Reservoir	Peak discharge	= 5.631 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.10 hrs
Time interval	= 2 min	Hyd. volume	= 11,834 cuft
Inflow hyd. No.	= 7 - PR WS-02F	Max. Elevation	= 137.53 ft
Reservoir name	= INIFL-4	Max. Storage	= 2,870 cuft

Storage Indication method used. Exfiltration extracted from Outflow.



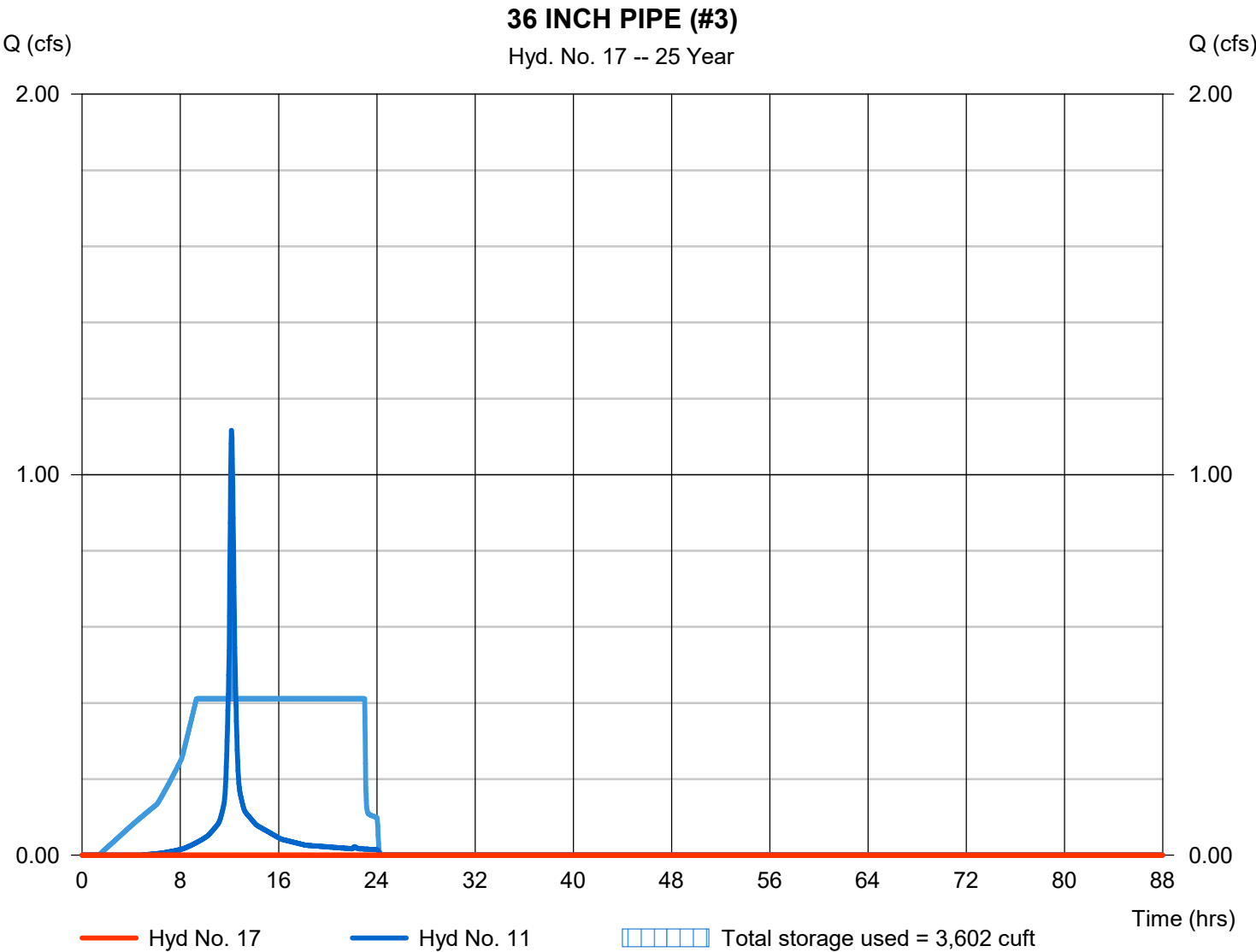
Hydrograph Report

Hyd. No. 17

36 INCH PIPE (#3)

Hydrograph type	= Reservoir	Peak discharge	= 0.000 cfs
Storm frequency	= 25 yrs	Time to peak	= 11.13 hrs
Time interval	= 2 min	Hyd. volume	= 0 cuft
Inflow hyd. No.	= 11 - PR WS-02H	Max. Elevation	= 131.44 ft
Reservoir name	= 36IN - 3	Max. Storage	= 3,602 cuft

Storage Indication method used. Exfiltration extracted from Outflow.



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

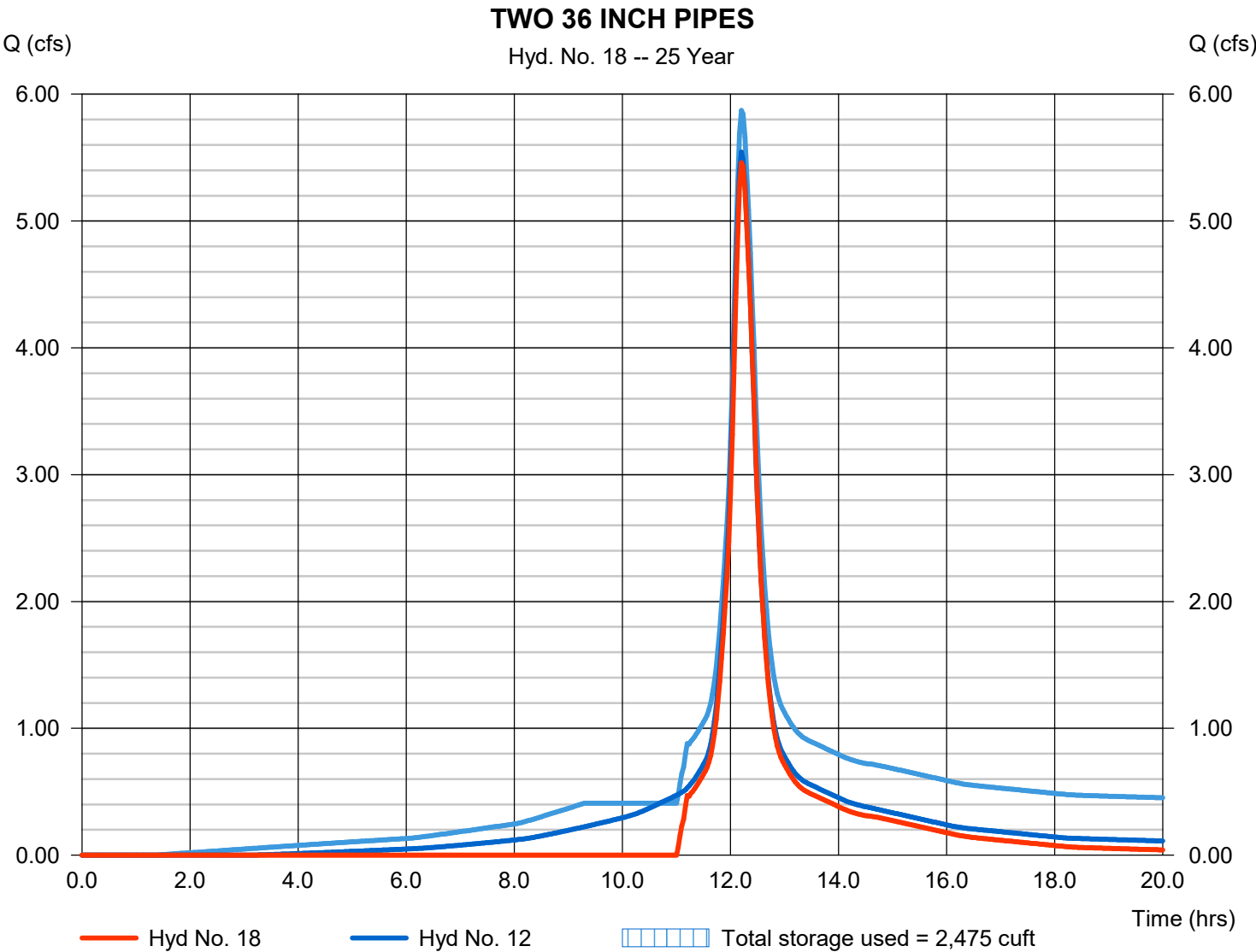
Thursday, 04 / 4 / 2024

Hyd. No. 18

TWO 36 INCH PIPES

Hydrograph type	= Reservoir	Peak discharge	= 5.460 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.20 hrs
Time interval	= 2 min	Hyd. volume	= 18,770 cuft
Inflow hyd. No.	= 12 - PR WS-02I	Max. Elevation	= 135.73 ft
Reservoir name	= TWIN 36IN	Max. Storage	= 2,475 cuft

Storage Indication method used. Exfiltration extracted from Outflow.

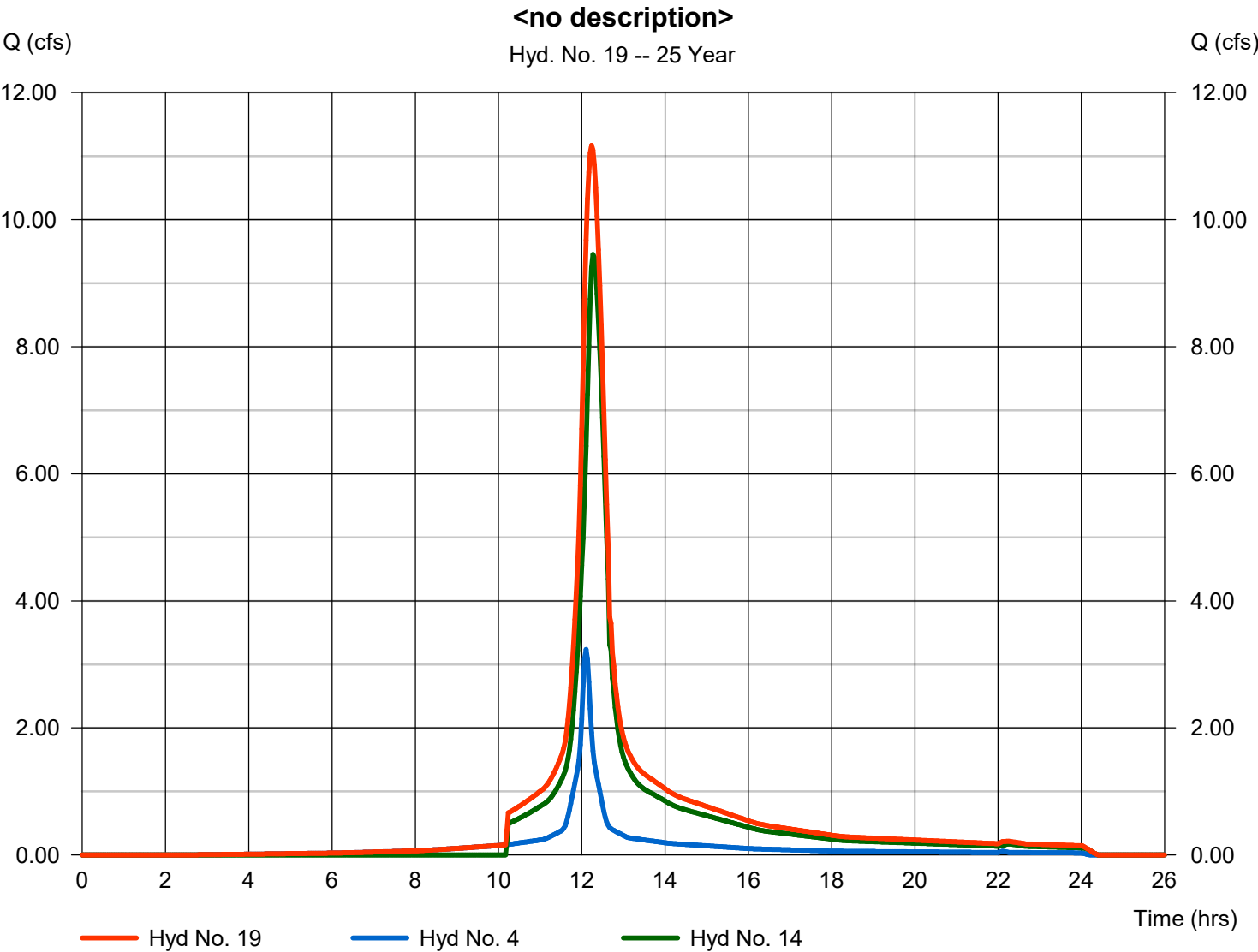


Hydrograph Report

Hyd. No. 19

<no description>

Hydrograph type	= Combine	Peak discharge	= 11.17 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.23 hrs
Time interval	= 2 min	Hyd. volume	= 53,878 cuft
Inflow hyds.	= 4, 14	Contrib. drain. area	= 0.576 ac



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

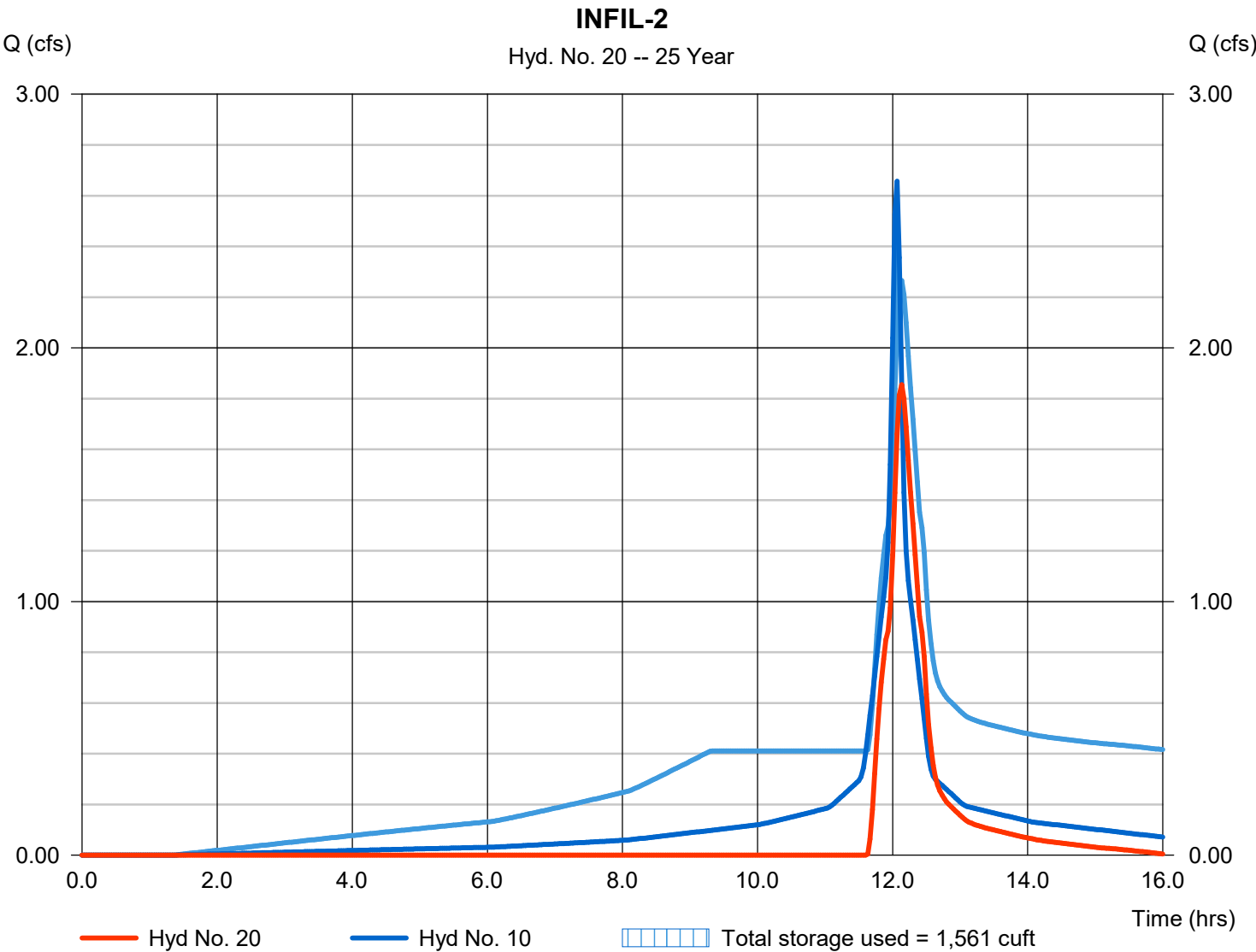
Thursday, 04 / 4 / 2024

Hyd. No. 20

INFIL-2

Hydrograph type	= Reservoir	Peak discharge	= 1.854 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.13 hrs
Time interval	= 2 min	Hyd. volume	= 4,305 cuft
Inflow hyd. No.	= 10 - PR WS-02G(II)	Max. Elevation	= 135.20 ft
Reservoir name	= INFIL-2	Max. Storage	= 1,561 cuft

Storage Indication method used. Exfiltration extracted from Outflow.

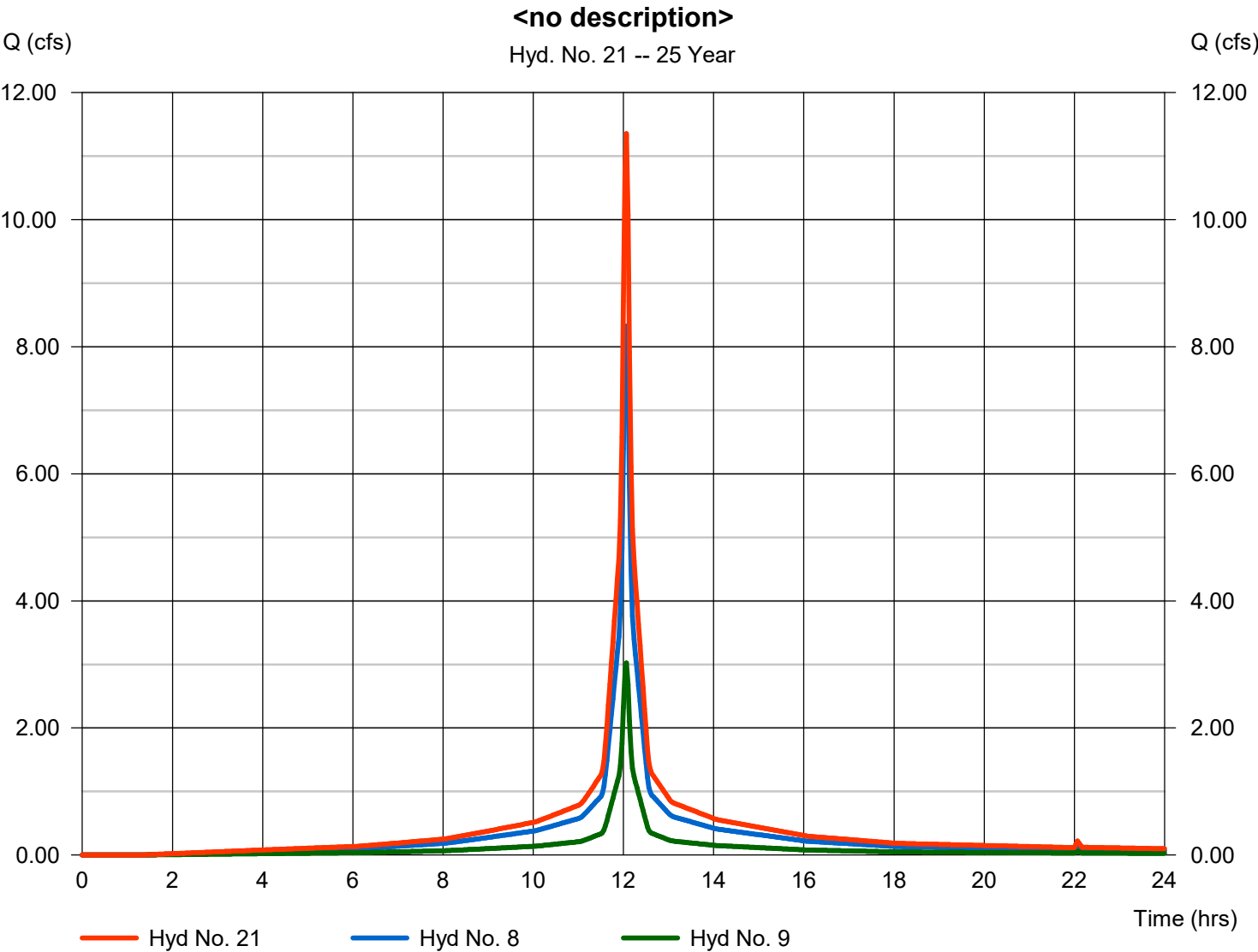


Hydrograph Report

Hyd. No. 21

<no description>

Hydrograph type	= Combine	Peak discharge	= 11.35 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 38,289 cuft
Inflow hyds.	= 8, 9	Contrib. drain. area	= 1.855 ac



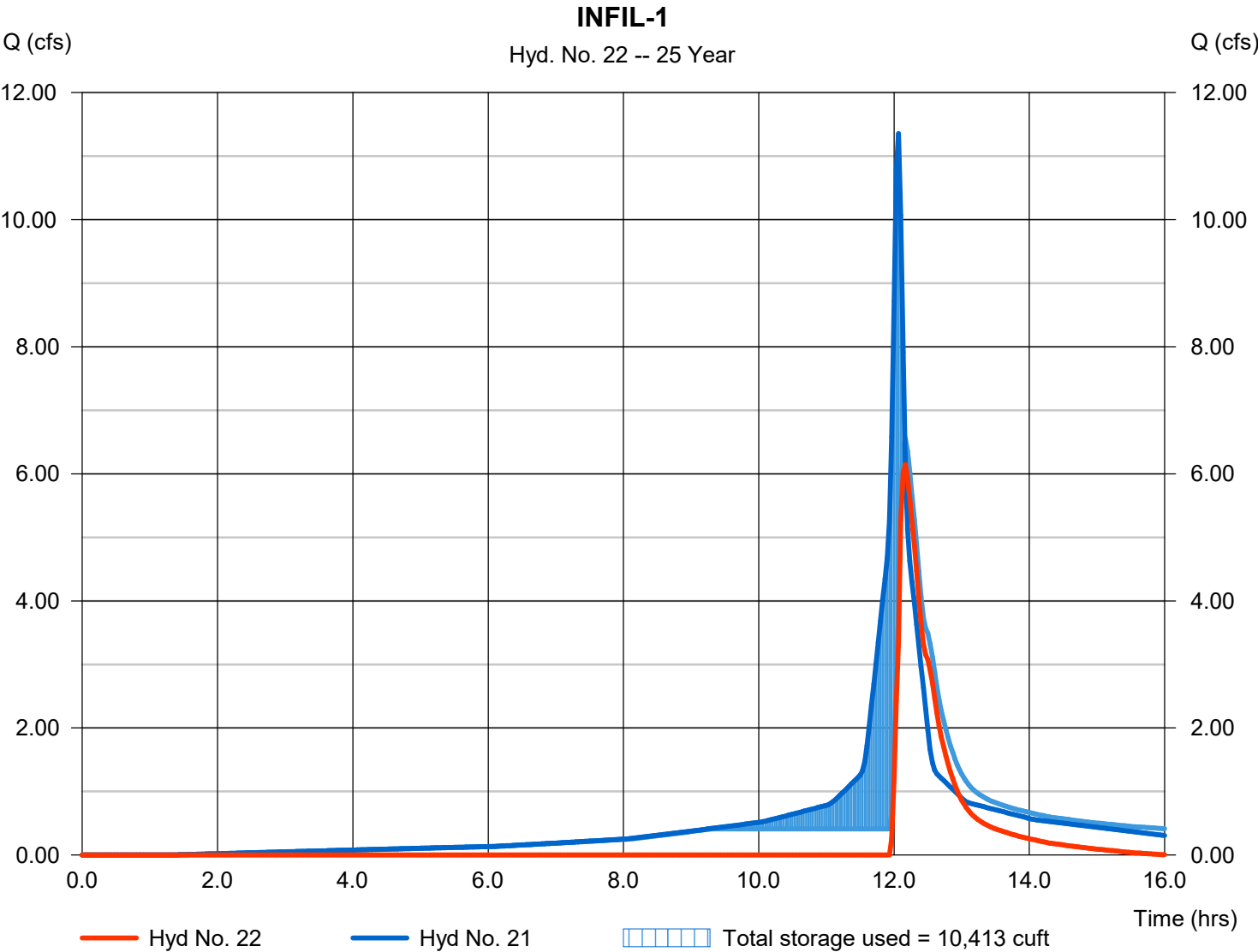
Hydrograph Report

Hyd. No. 22

INFIL-1

Hydrograph type	= Reservoir	Peak discharge	= 6.146 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.17 hrs
Time interval	= 2 min	Hyd. volume	= 13,535 cuft
Inflow hyd. No.	= 21 - <no description>	Max. Elevation	= 136.31 ft
Reservoir name	= INFIL-1	Max. Storage	= 10,413 cuft

Storage Indication method used. Exfiltration extracted from Outflow.

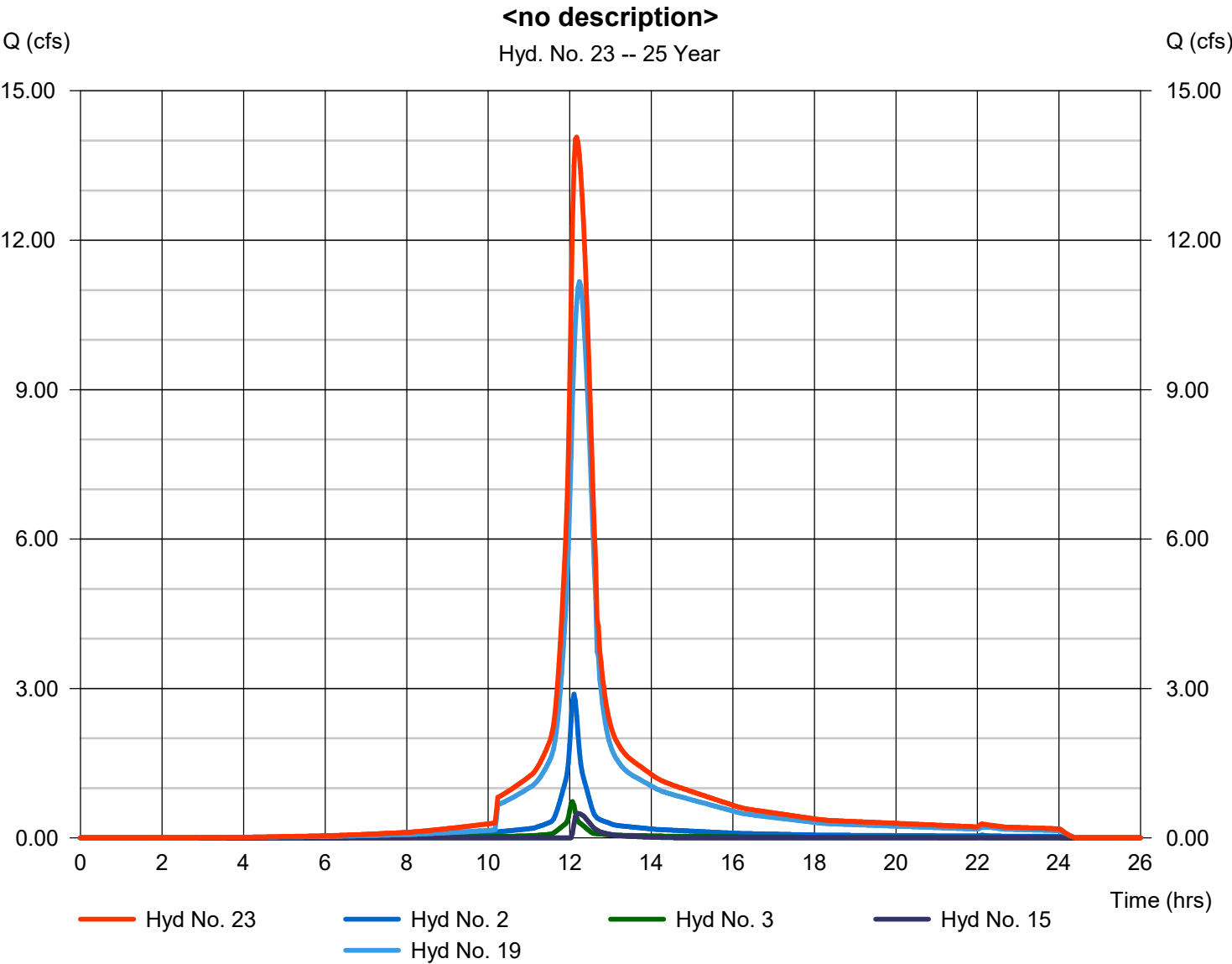


Hydrograph Report

Hyd. No. 23

<no description>

Hydrograph type	= Combine	Peak discharge	= 14.07 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.17 hrs
Time interval	= 2 min	Hyd. volume	= 67,341 cuft
Inflow hyds.	= 2, 3, 15, 19	Contrib. drain. area	= 0.689 ac

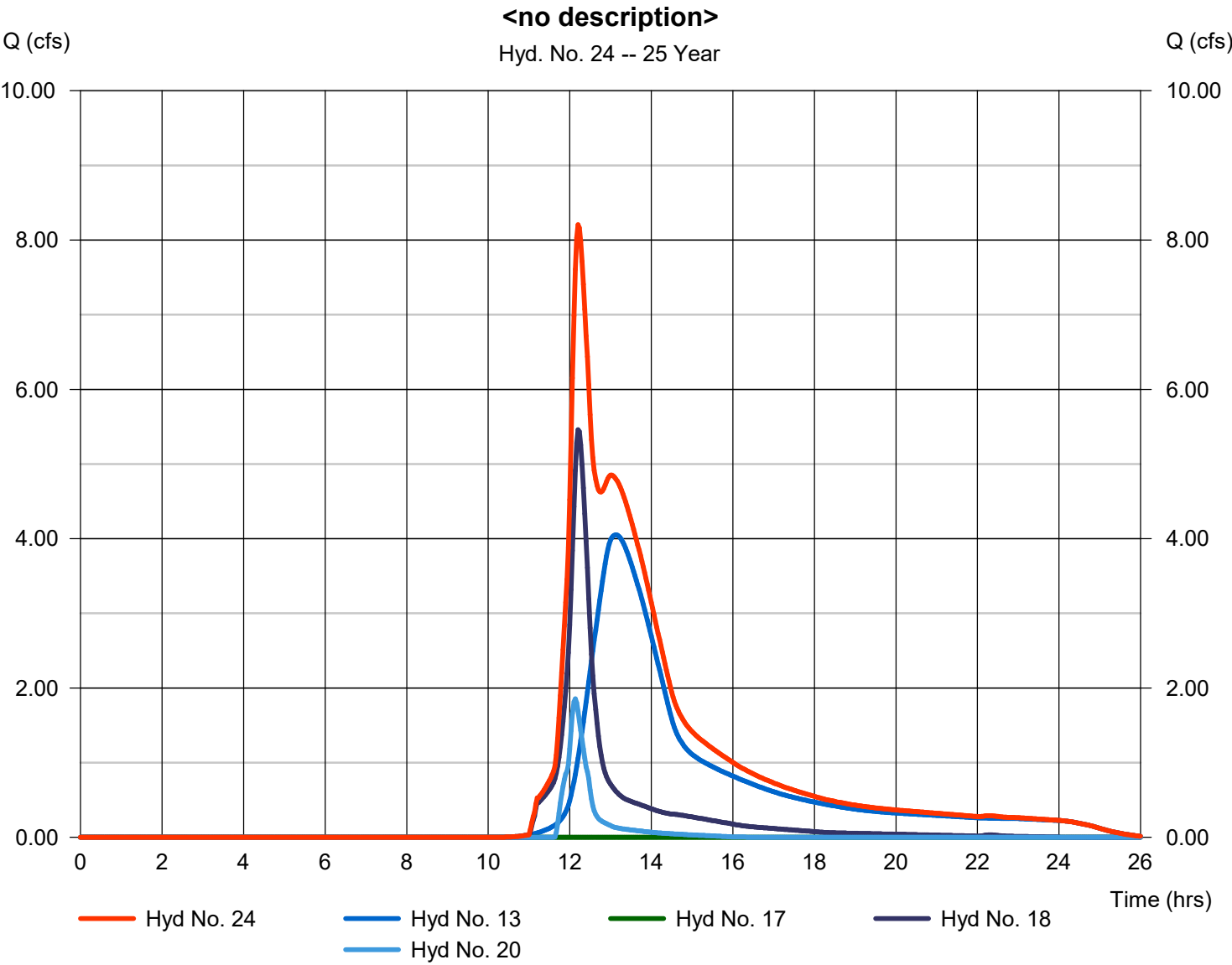


Hydrograph Report

Hyd. No. 24

<no description>

Hydrograph type	= Combine	Peak discharge	= 8.206 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.20 hrs
Time interval	= 2 min	Hyd. volume	= 66,220 cuft
Inflow hyds.	= 13, 17, 18, 20	Contrib. drain. area	= 4.837 ac

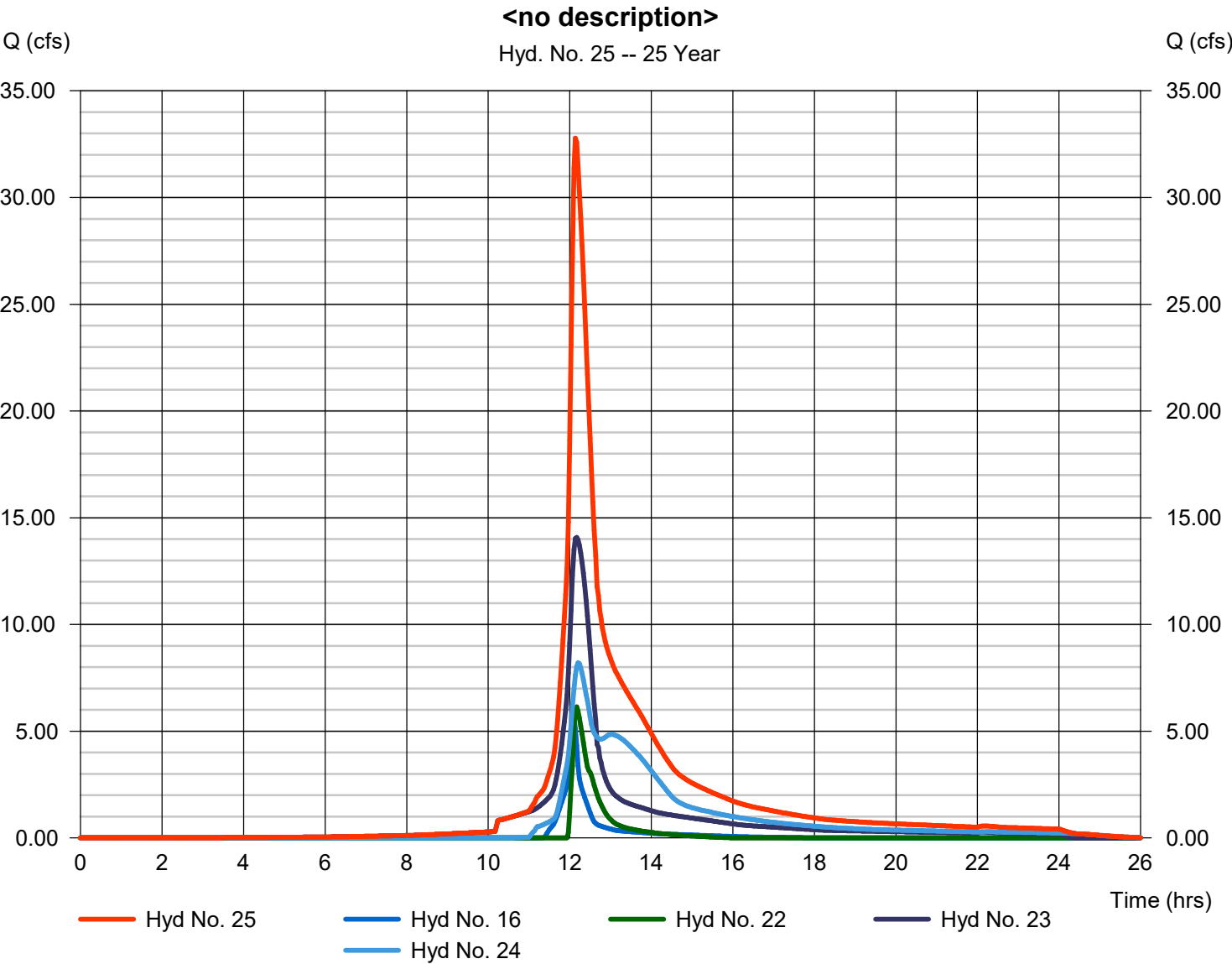


Hydrograph Report

Hyd. No. 25

<no description>

Hydrograph type	= Combine	Peak discharge	= 32.78 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.13 hrs
Time interval	= 2 min	Hyd. volume	= 158,930 cuft
Inflow hyds.	= 16, 22, 23, 24	Contrib. drain. area	= 0.000 ac

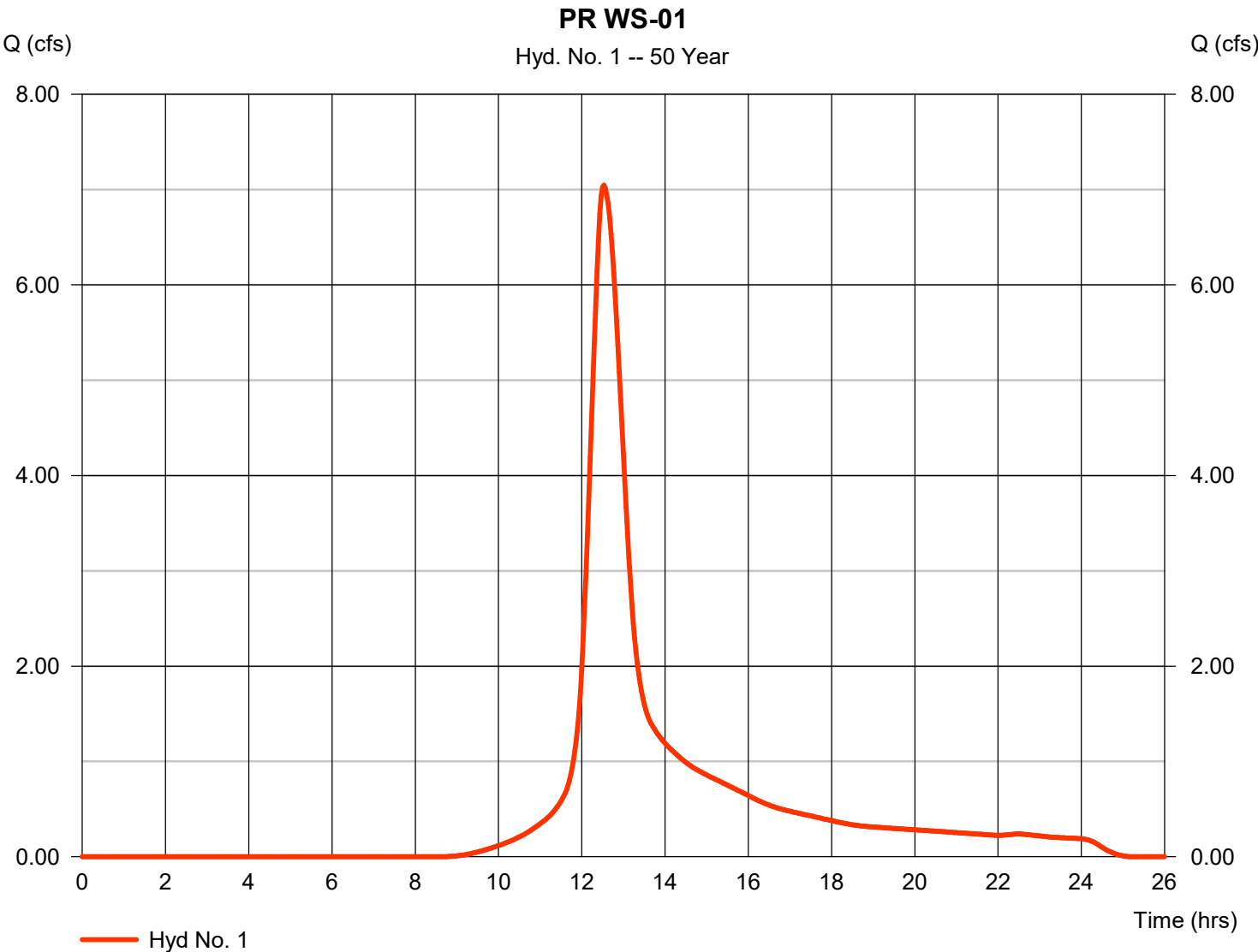


Hydrograph Report

Hyd. No. 1

PR WS-01

Hydrograph type	= SCS Runoff	Peak discharge	= 7.047 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.53 hrs
Time interval	= 2 min	Hyd. volume	= 45,872 cuft
Drainage area	= 3.405 ac	Curve number	= 68
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 45.70 min
Total precip.	= 7.41 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

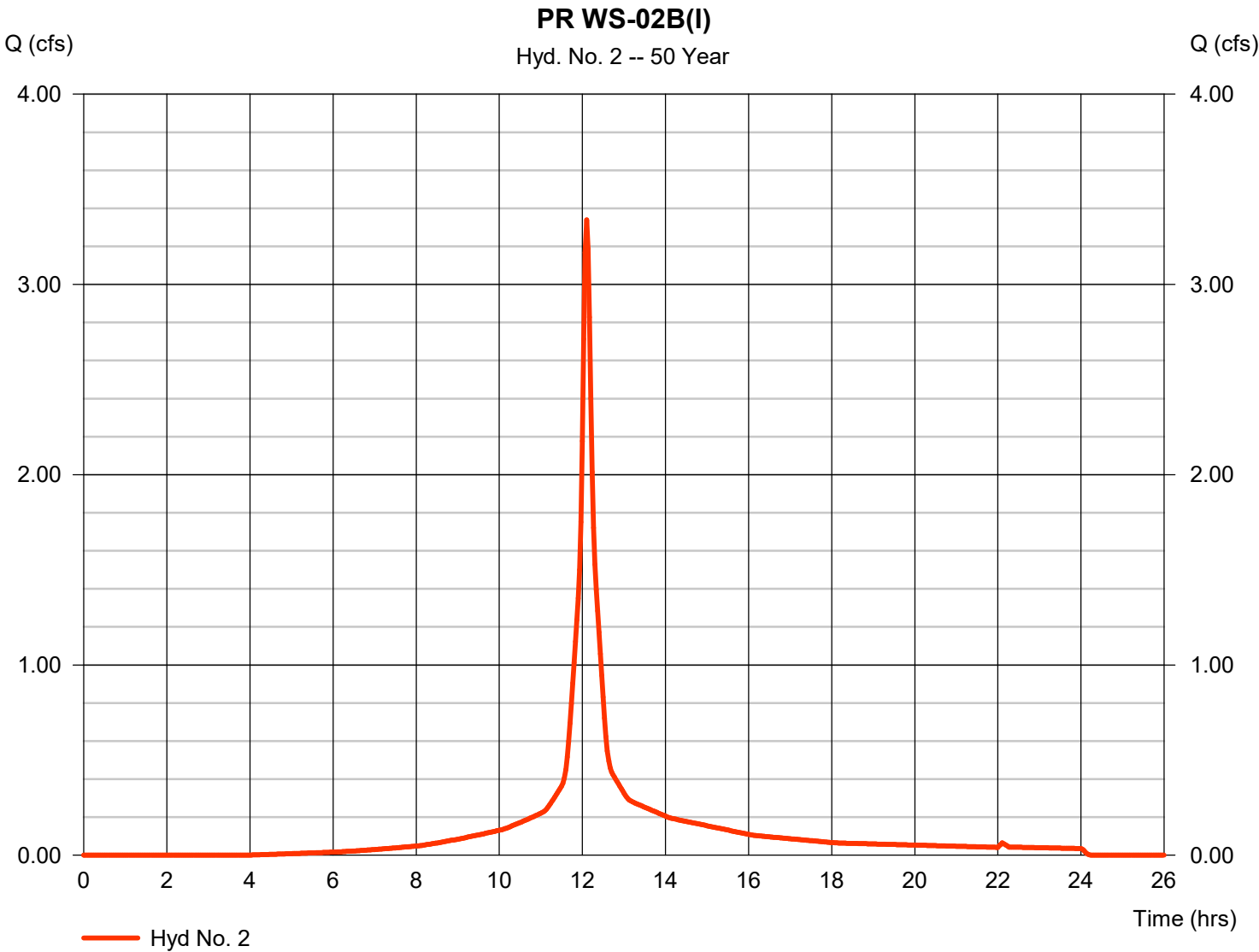
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 2

PR WS-02B(I)

Hydrograph type	= SCS Runoff	Peak discharge	= 3.339 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.10 hrs
Time interval	= 2 min	Hyd. volume	= 11,881 cuft
Drainage area	= 0.557 ac	Curve number	= 87
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 7.40 min
Total precip.	= 7.41 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

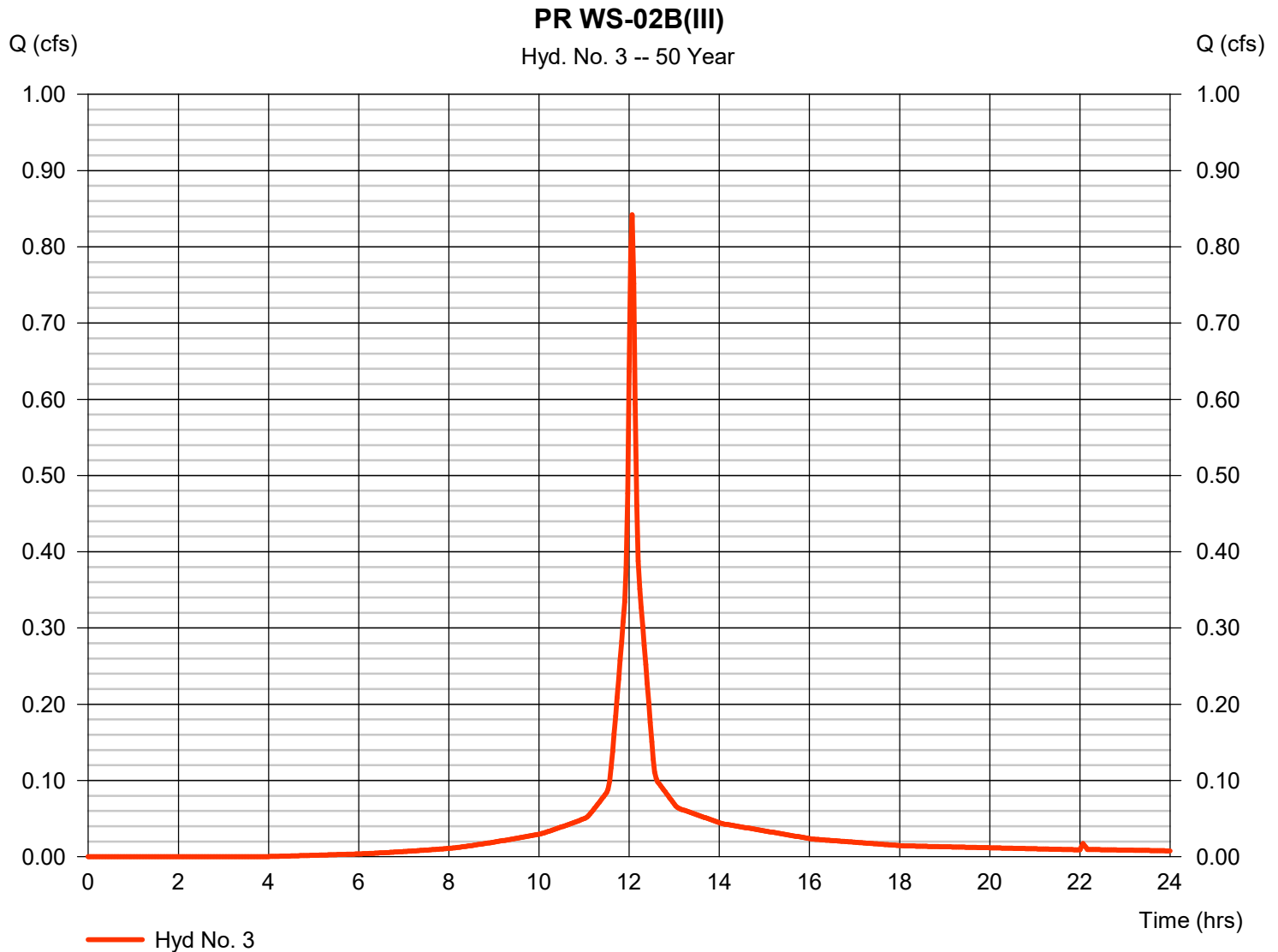
Thursday, 04 / 4 / 2024

Hyd. No. 3

PR WS-02B(III)

Hydrograph type = SCS Runoff
 Storm frequency = 50 yrs
 Time interval = 2 min
 Drainage area = 0.132 ac
 Basin Slope = 0.0 %
 Tc method = User
 Total precip. = 7.41 in
 Storm duration = 24 hrs

Peak discharge = 0.842 cfs
 Time to peak = 12.07 hrs
 Hyd. volume = 2,640 cuft
 Curve number = 87
 Hydraulic length = 0 ft
 Time of conc. (Tc) = 5.00 min
 Distribution = Type III
 Shape factor = 484



Hydrograph Report

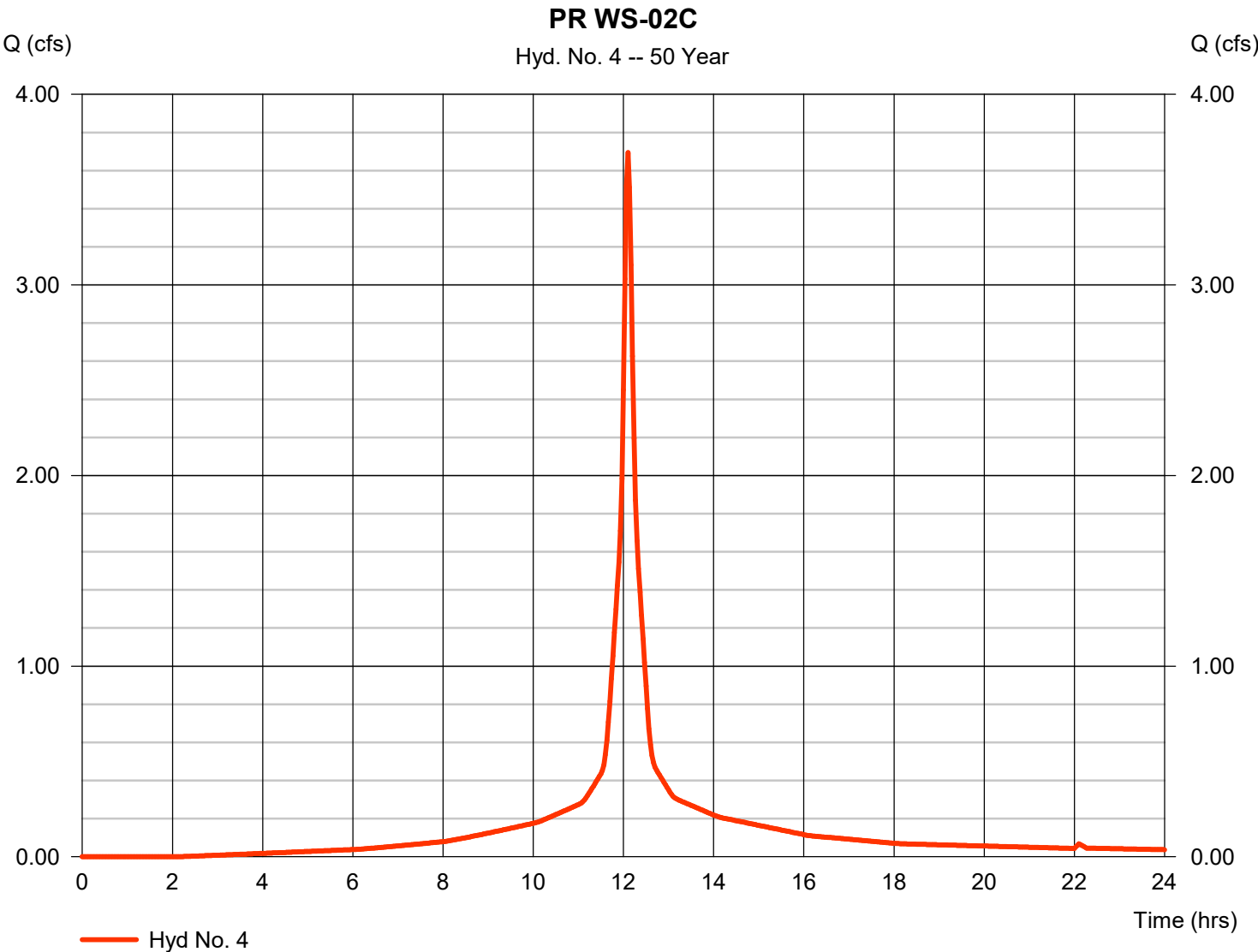
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 4

PR WS-02C

Hydrograph type	= SCS Runoff	Peak discharge	= 3.695 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.10 hrs
Time interval	= 2 min	Hyd. volume	= 13,753 cuft
Drainage area	= 0.576 ac	Curve number	= 93
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 9.40 min
Total precip.	= 7.41 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

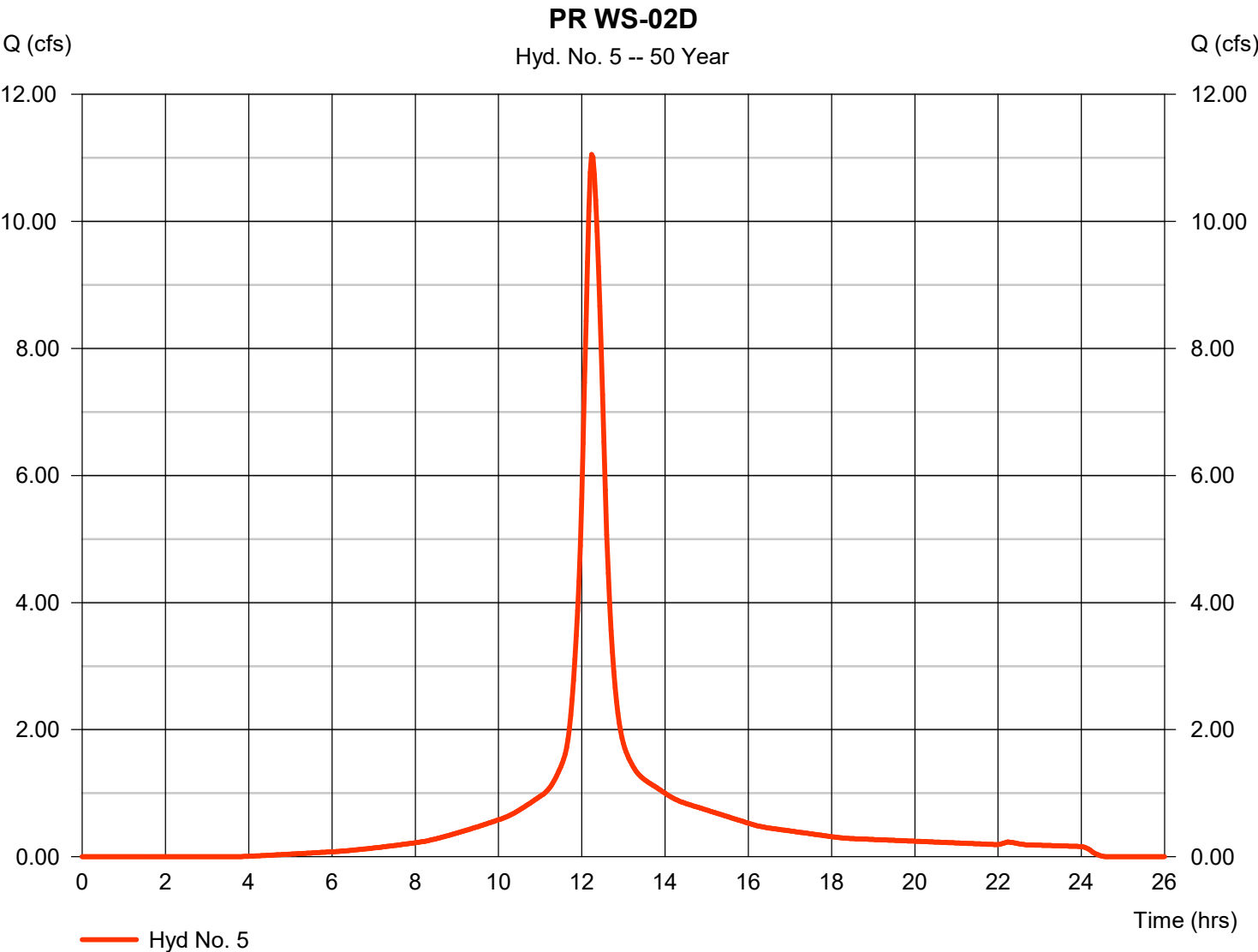


Hydrograph Report

Hyd. No. 5

PR WS-02D

Hydrograph type	= SCS Runoff	Peak discharge	= 11.05 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.23 hrs
Time interval	= 2 min	Hyd. volume	= 54,511 cuft
Drainage area	= 2.462 ac	Curve number	= 88
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 22.10 min
Total precip.	= 7.41 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

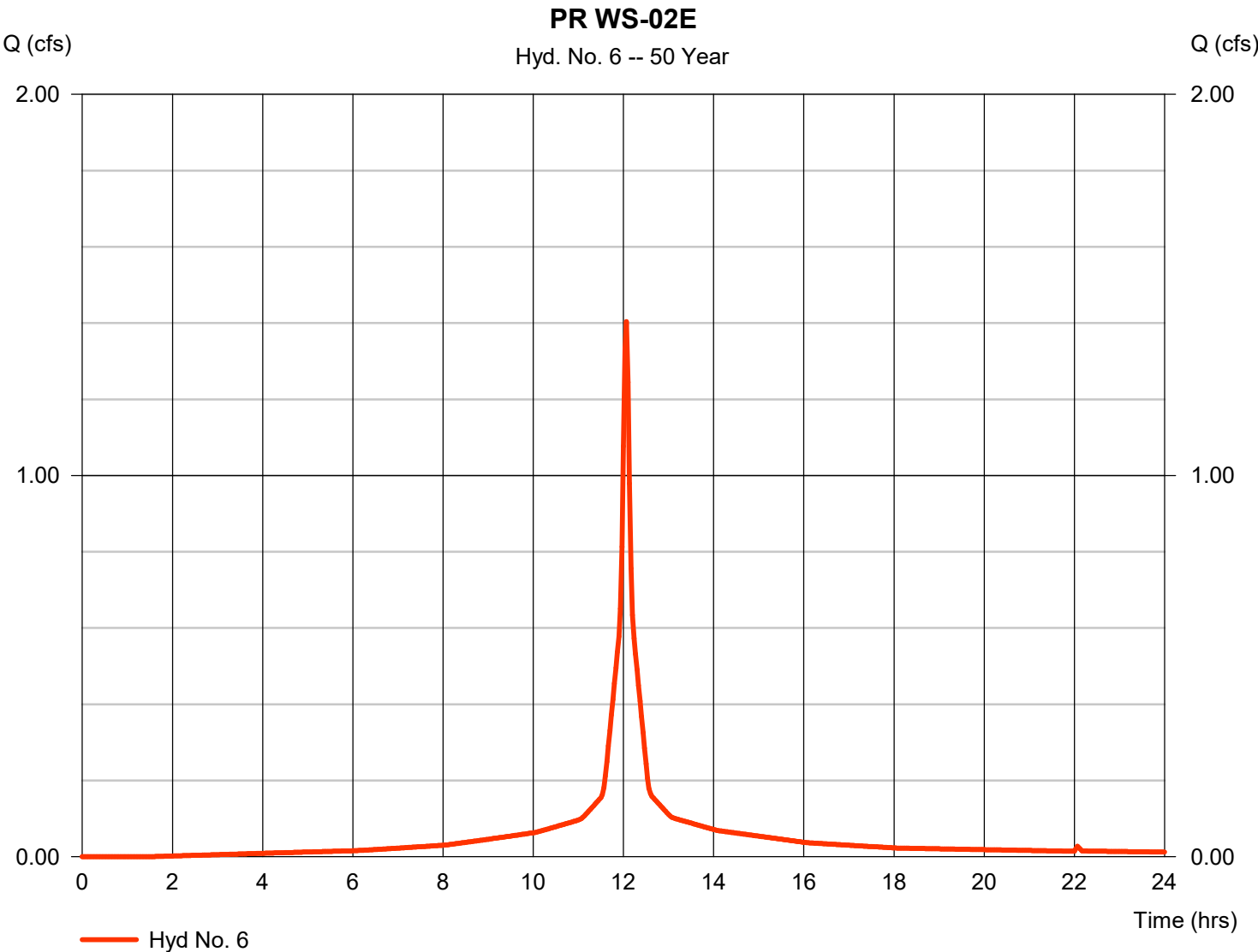


Hydrograph Report

Hyd. No. 6

PR WS-02E

Hydrograph type	= SCS Runoff	Peak discharge	= 1.404 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 4,707 cuft
Drainage area	= 0.203 ac	Curve number	= 95
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 7.41 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

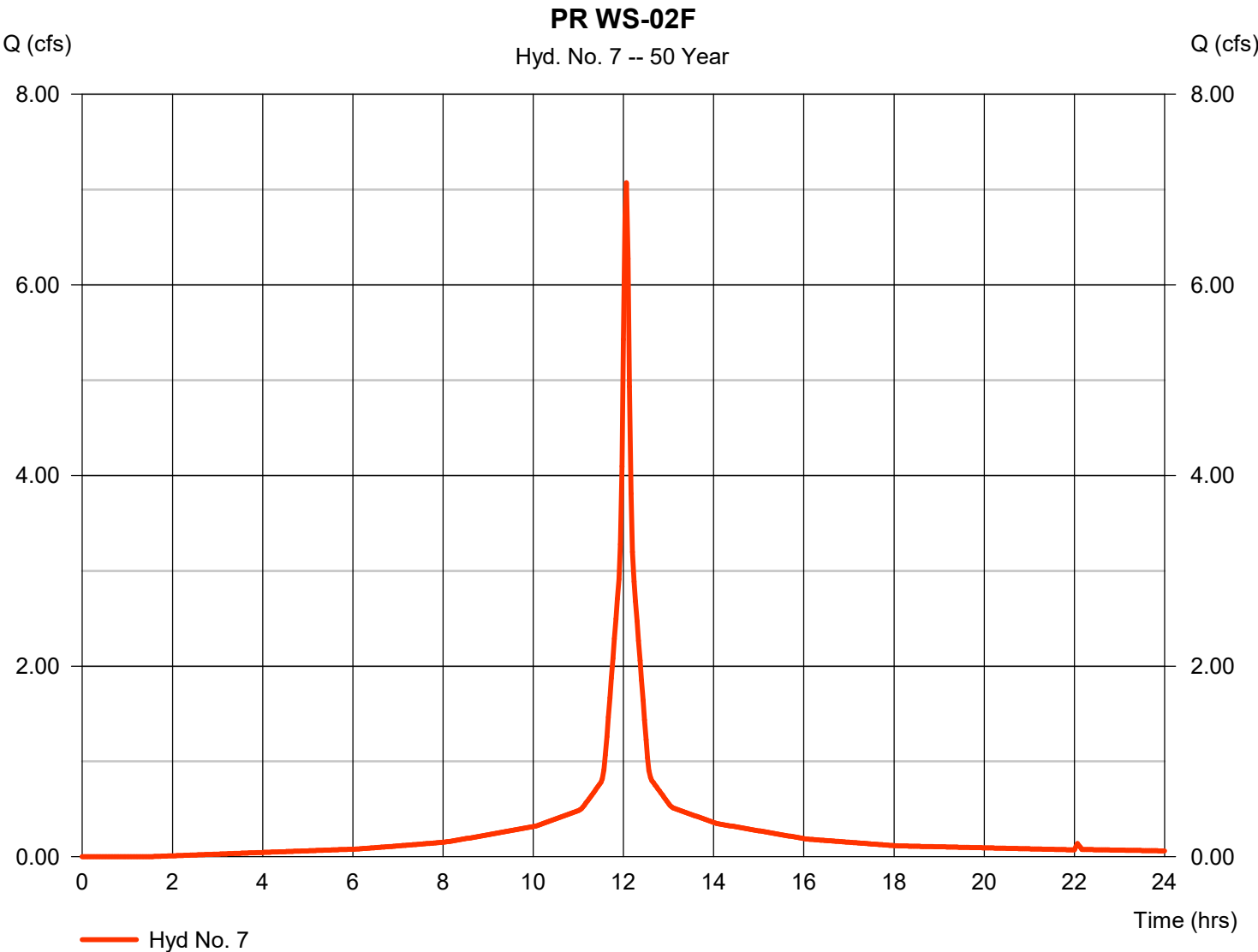


Hydrograph Report

Hyd. No. 7

PR WS-02F

Hydrograph type	= SCS Runoff	Peak discharge	= 7.074 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 23,722 cuft
Drainage area	= 1.023 ac	Curve number	= 95
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 7.41 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

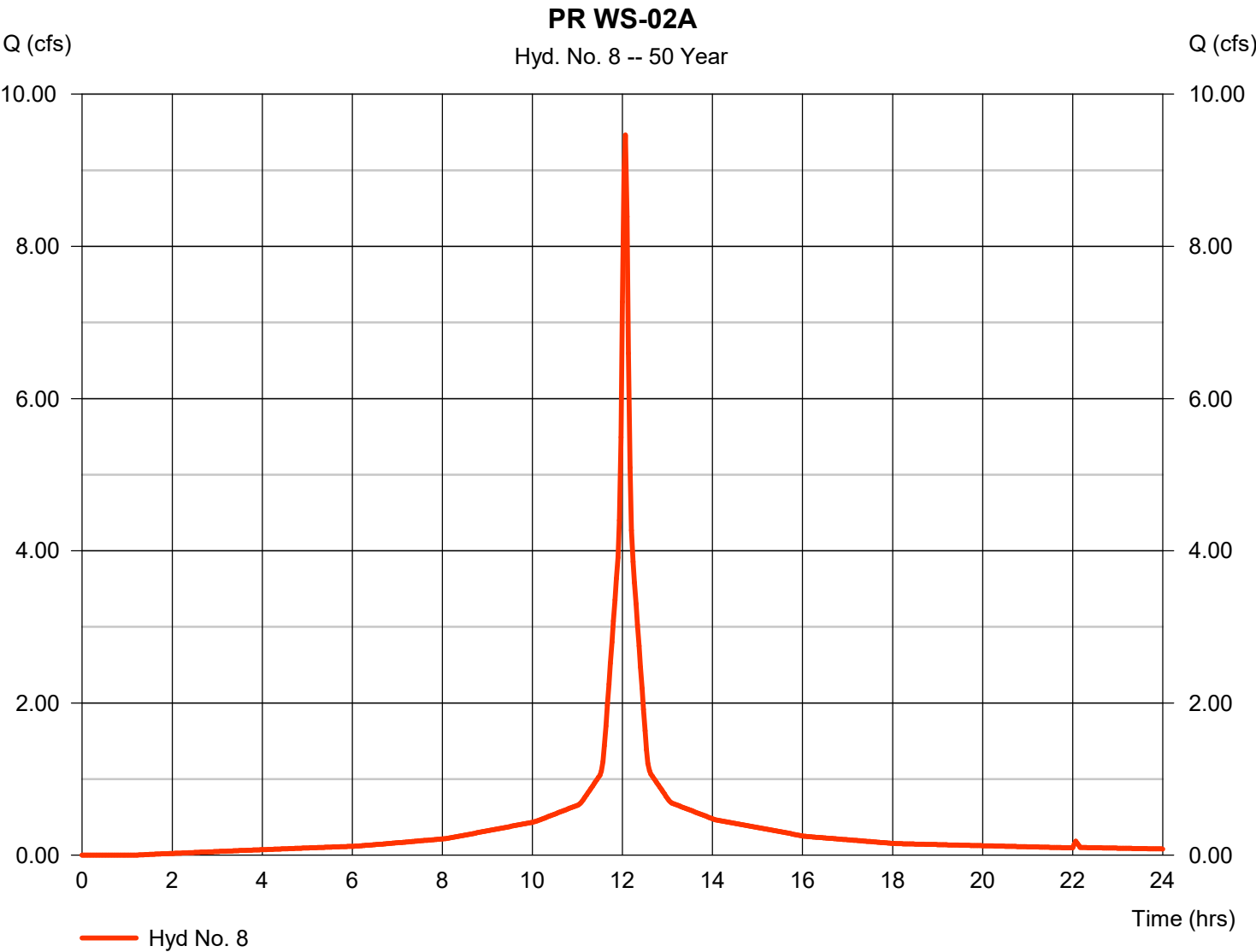


Hydrograph Report

Hyd. No. 8

PR WS-02A

Hydrograph type	= SCS Runoff	Peak discharge	= 9.464 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 32,109 cuft
Drainage area	= 1.361 ac	Curve number	= 96
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 7.41 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

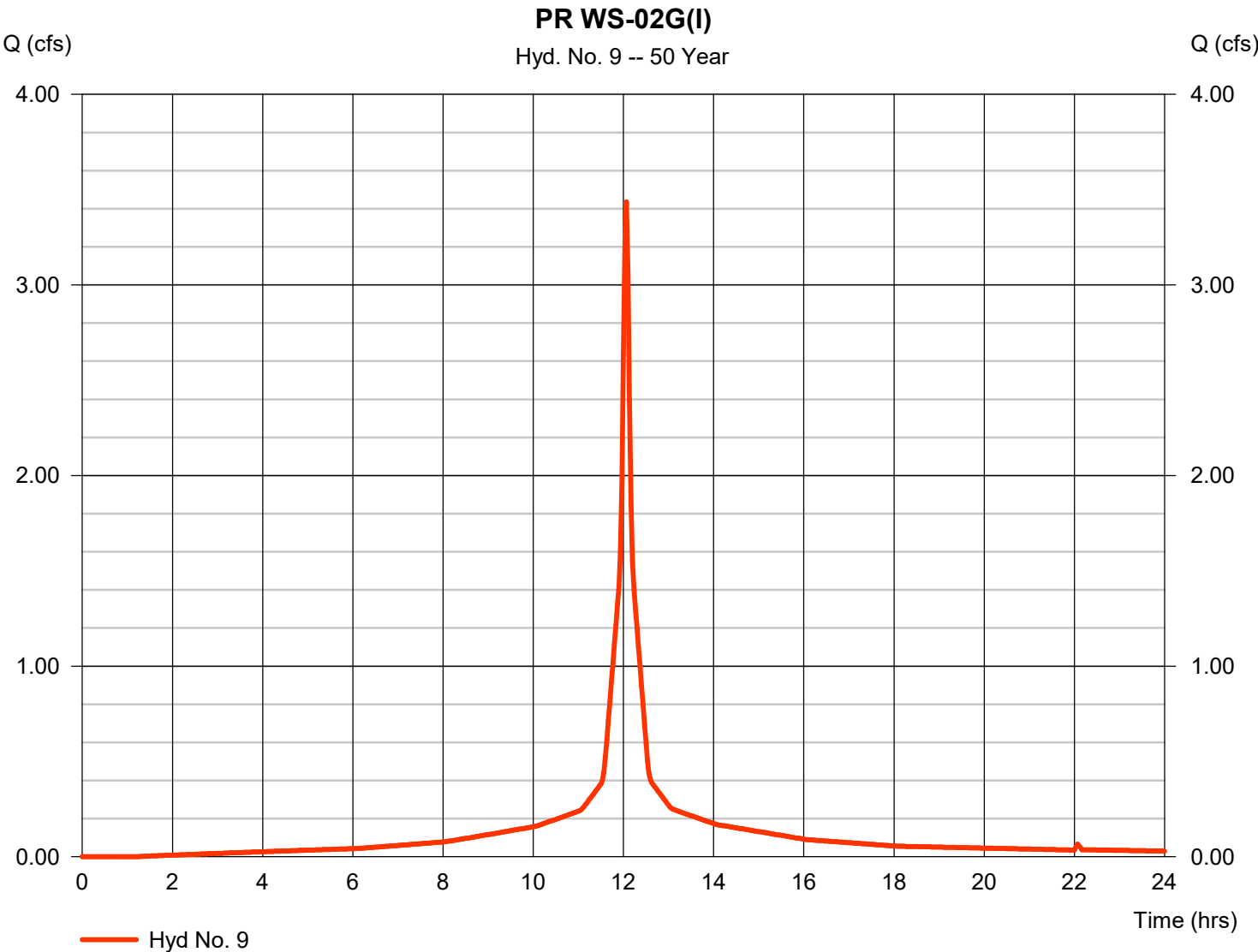
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 9

PR WS-02G(I)

Hydrograph type	= SCS Runoff	Peak discharge	= 3.435 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 11,654 cuft
Drainage area	= 0.494 ac	Curve number	= 96
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 7.41 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

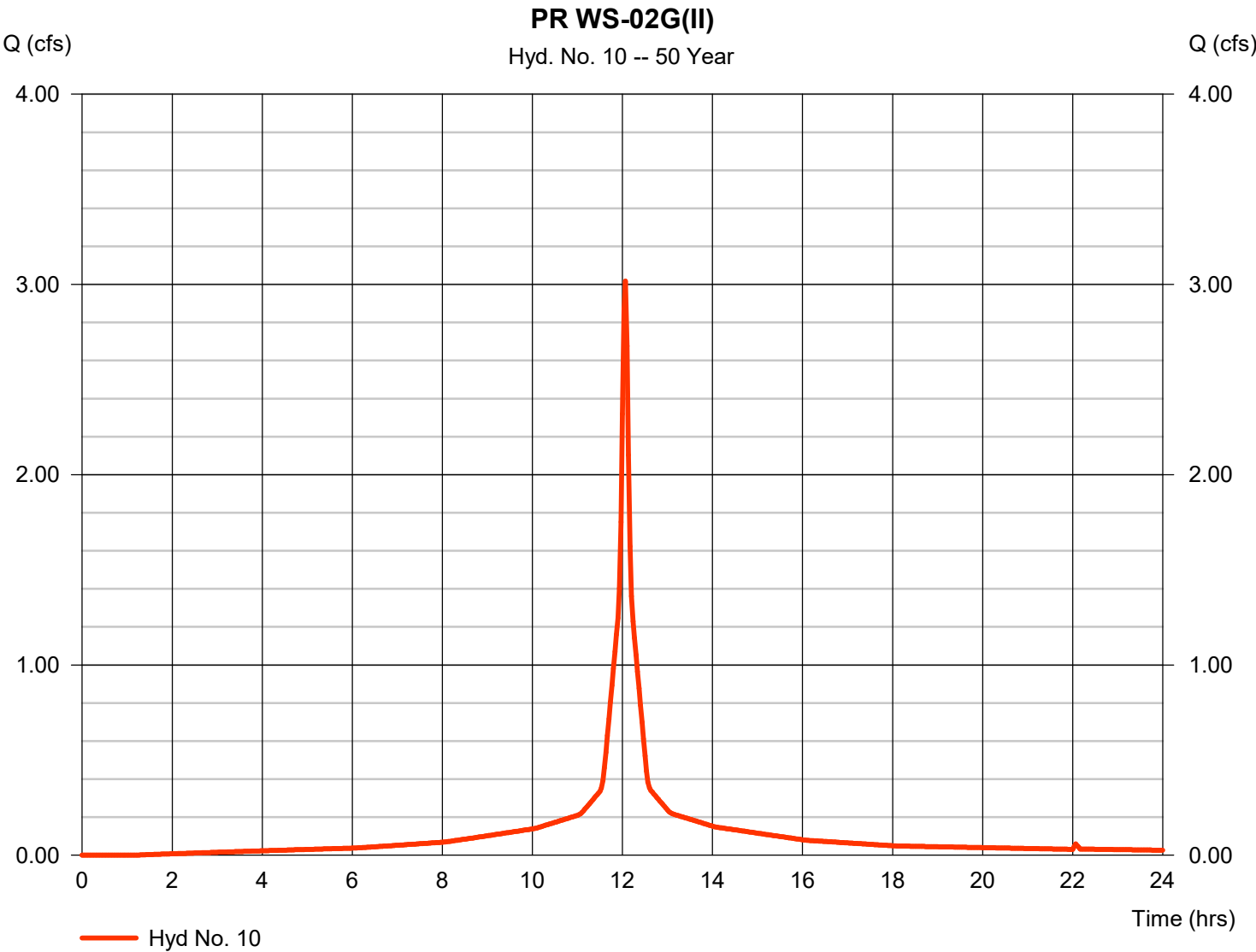


Hydrograph Report

Hyd. No. 10

PR WS-02G(II)

Hydrograph type	= SCS Runoff	Peak discharge	= 3.018 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 10,239 cuft
Drainage area	= 0.434 ac	Curve number	= 96
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 7.41 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

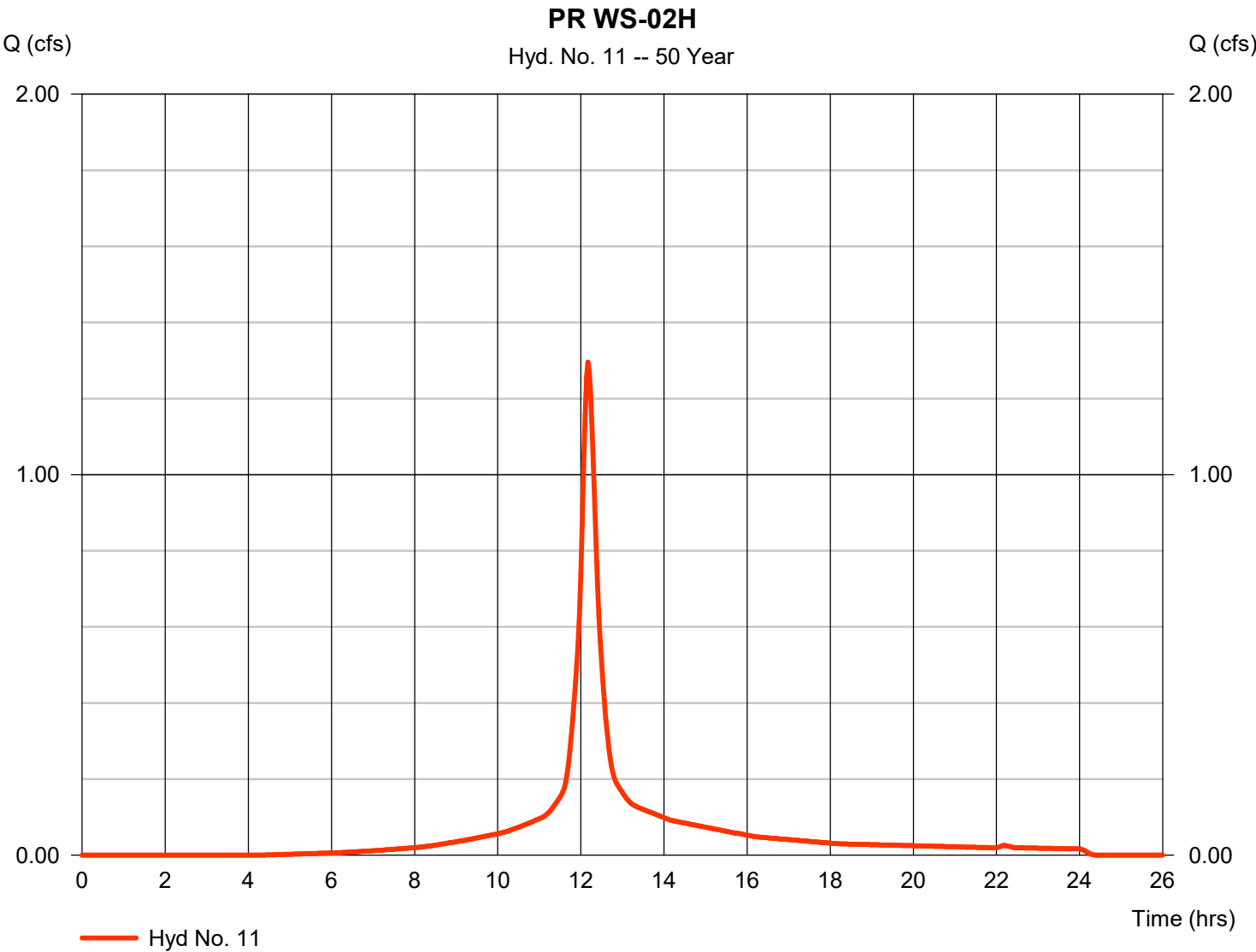


Hydrograph Report

Hyd. No. 11

PR WS-02H

Hydrograph type	= SCS Runoff	Peak discharge	= 1.296 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.17 hrs
Time interval	= 2 min	Hyd. volume	= 5,444 cuft
Drainage area	= 0.267 ac	Curve number	= 86
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 13.80 min
Total precip.	= 7.41 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

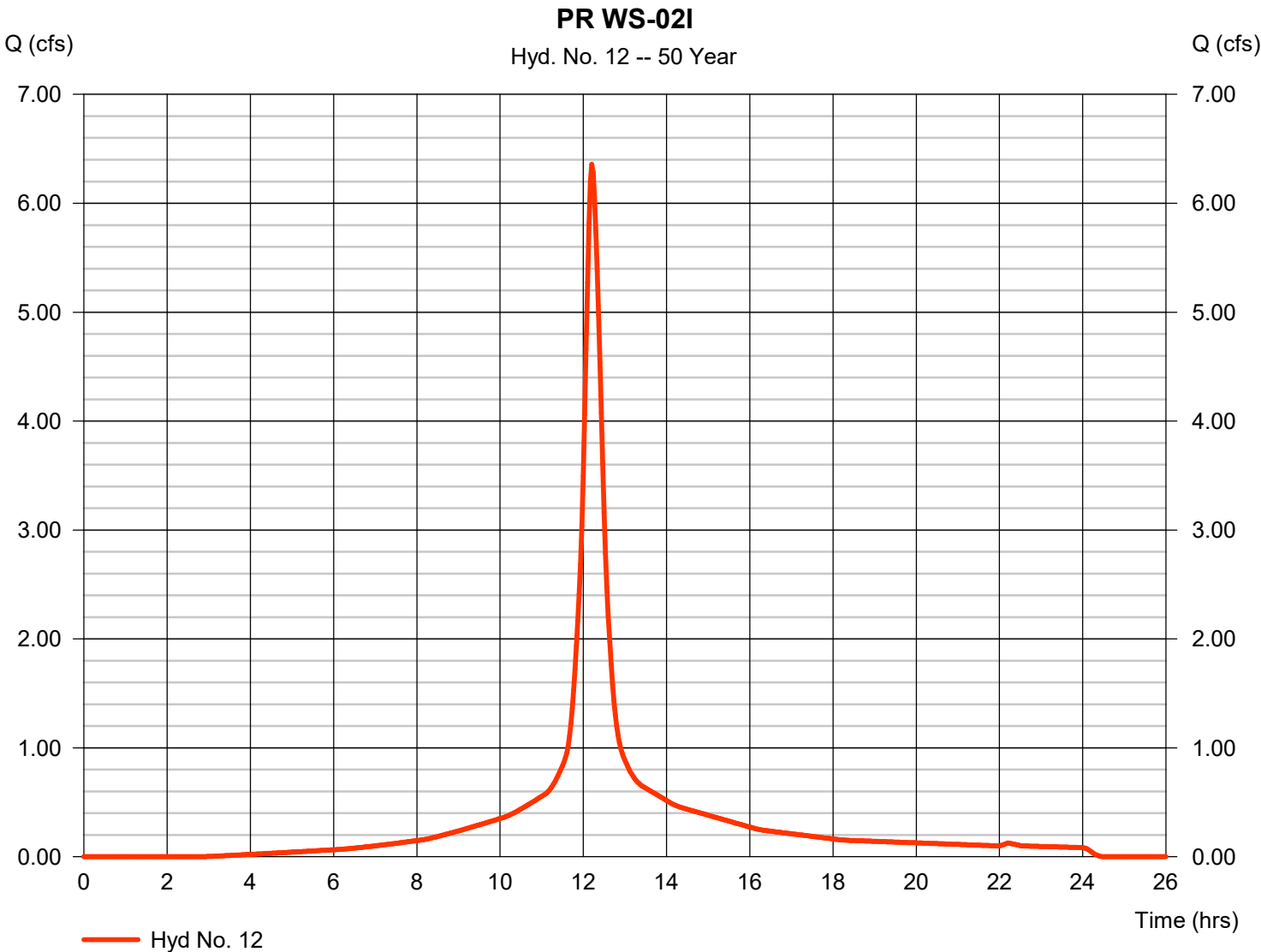
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Thursday, 04 / 4 / 2024

Hyd. No. 12

PR WS-02I

Hydrograph type	= SCS Runoff	Peak discharge	= 6.358 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.20 hrs
Time interval	= 2 min	Hyd. volume	= 29,838 cuft
Drainage area	= 1.296 ac	Curve number	= 91
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 18.60 min
Total precip.	= 7.41 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

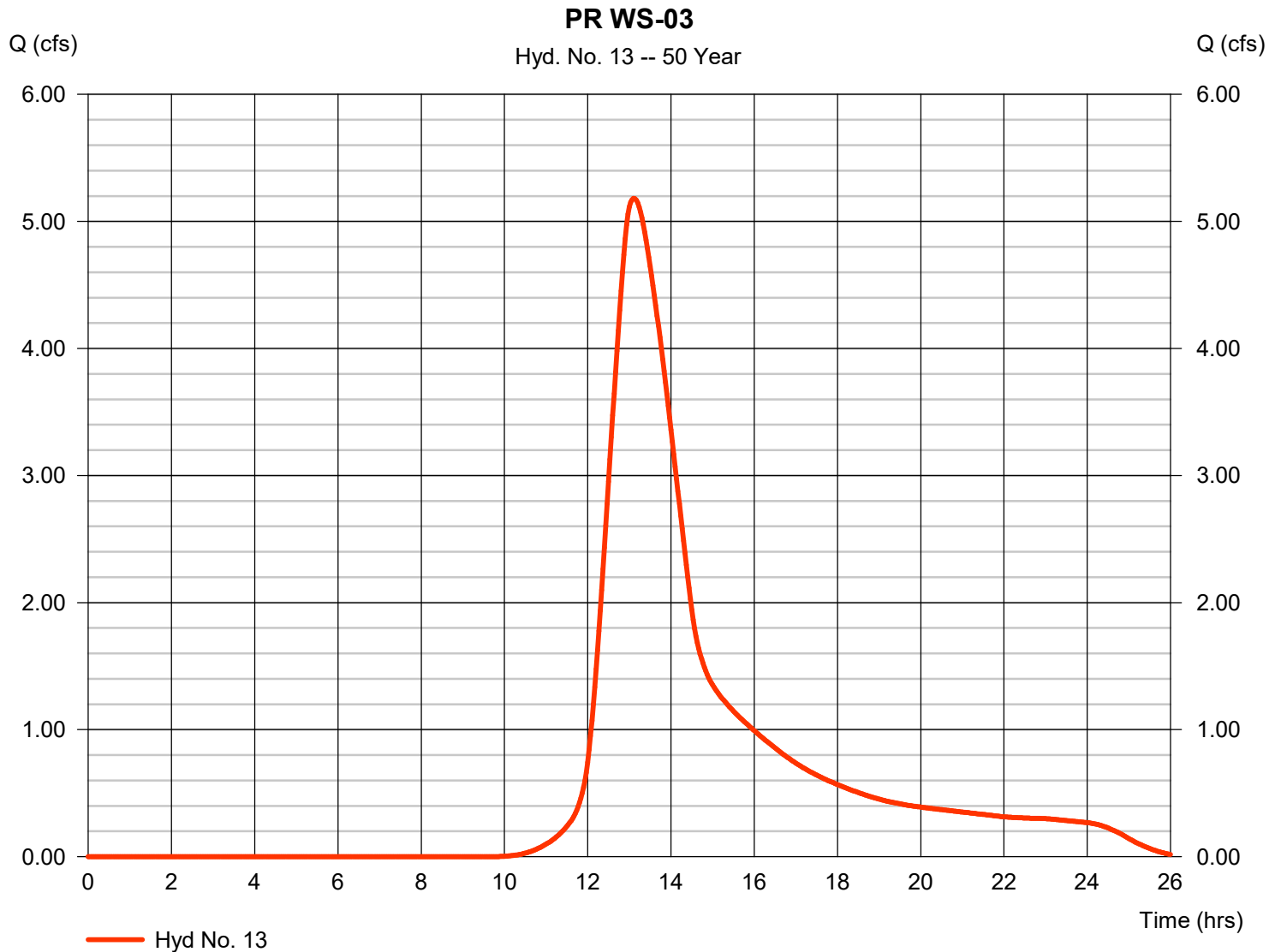
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 13

PR WS-03

Hydrograph type	= SCS Runoff	Peak discharge	= 5.181 cfs
Storm frequency	= 50 yrs	Time to peak	= 13.10 hrs
Time interval	= 2 min	Hyd. volume	= 54,300 cuft
Drainage area	= 4.837 ac	Curve number	= 62
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 95.00 min
Total precip.	= 7.41 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

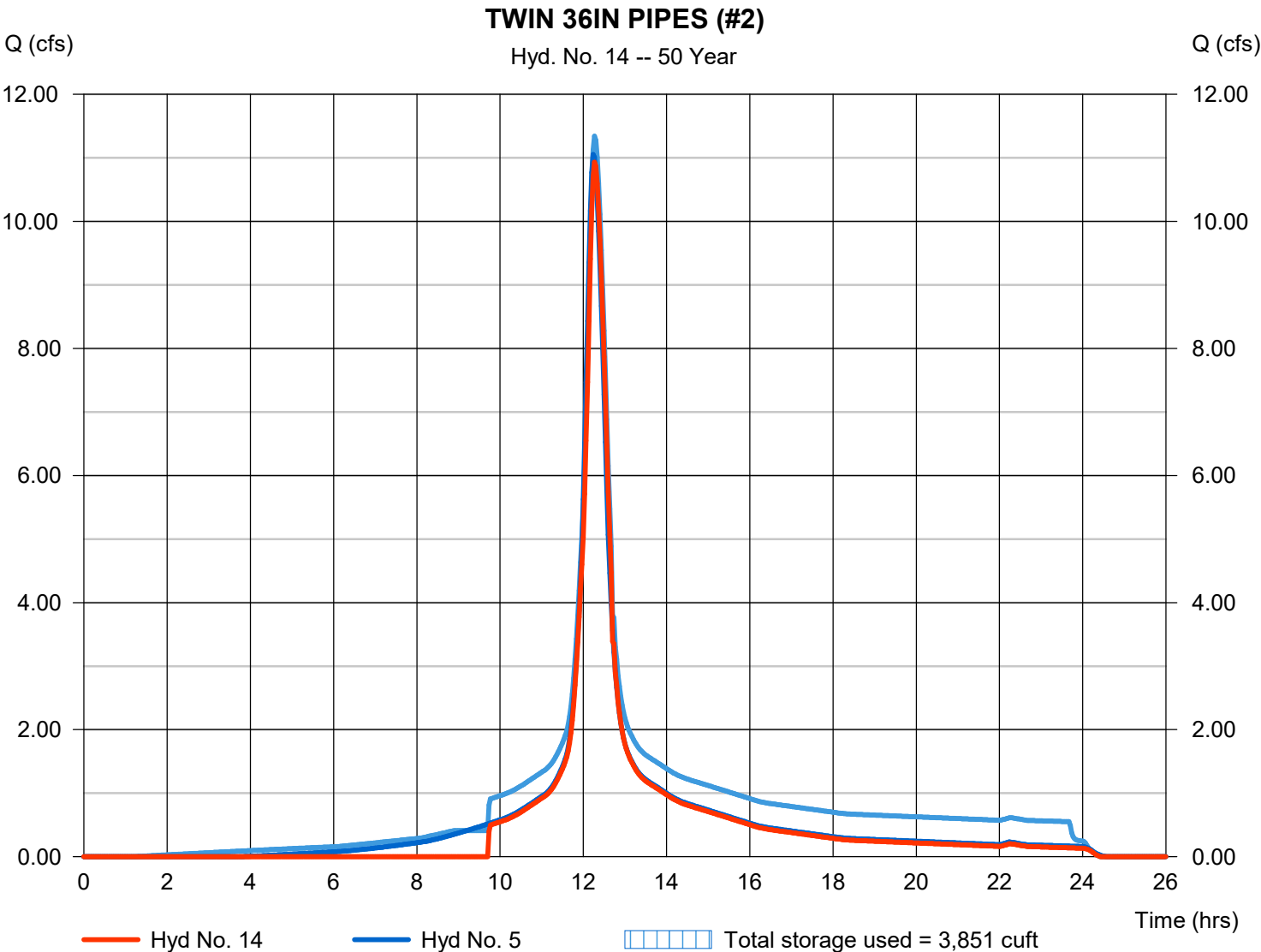
Thursday, 04 / 4 / 2024

Hyd. No. 14

TWIN 36IN PIPES (#2)

Hydrograph type	= Reservoir	Peak discharge	= 10.93 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.27 hrs
Time interval	= 2 min	Hyd. volume	= 49,562 cuft
Inflow hyd. No.	= 5 - PR WS-02D	Max. Elevation	= 139.16 ft
Reservoir name	= Northern Twin 36IN	Max. Storage	= 3,851 cuft

Storage Indication method used. Exfiltration extracted from Outflow.



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

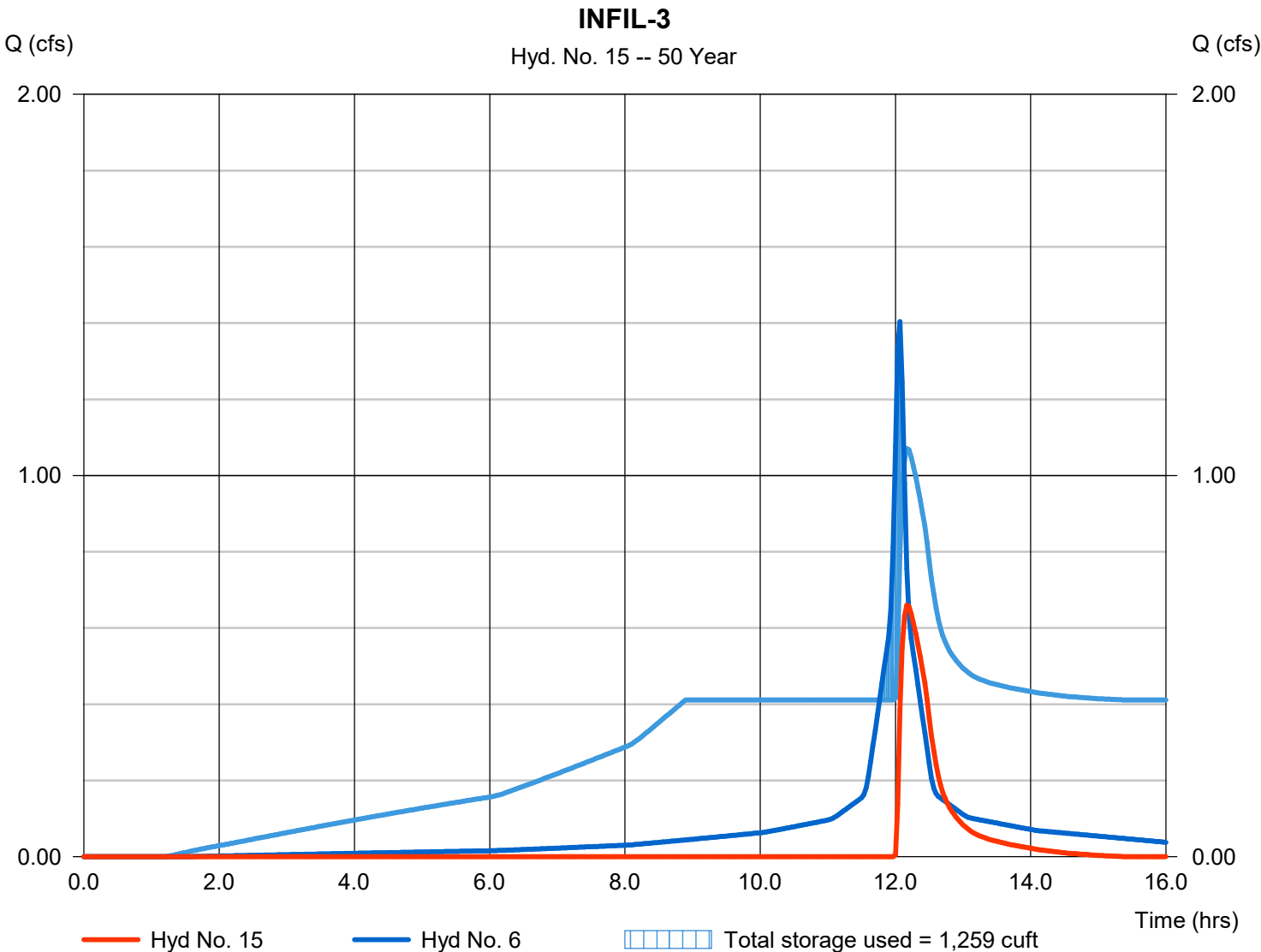
Thursday, 04 / 4 / 2024

Hyd. No. 15

INFIL-3

Hydrograph type	= Reservoir	Peak discharge	= 0.660 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.17 hrs
Time interval	= 2 min	Hyd. volume	= 1,407 cuft
Inflow hyd. No.	= 6 - PR WS-02E	Max. Elevation	= 137.49 ft
Reservoir name	= INFIL-3	Max. Storage	= 1,259 cuft

Storage Indication method used. Exfiltration extracted from Outflow.



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

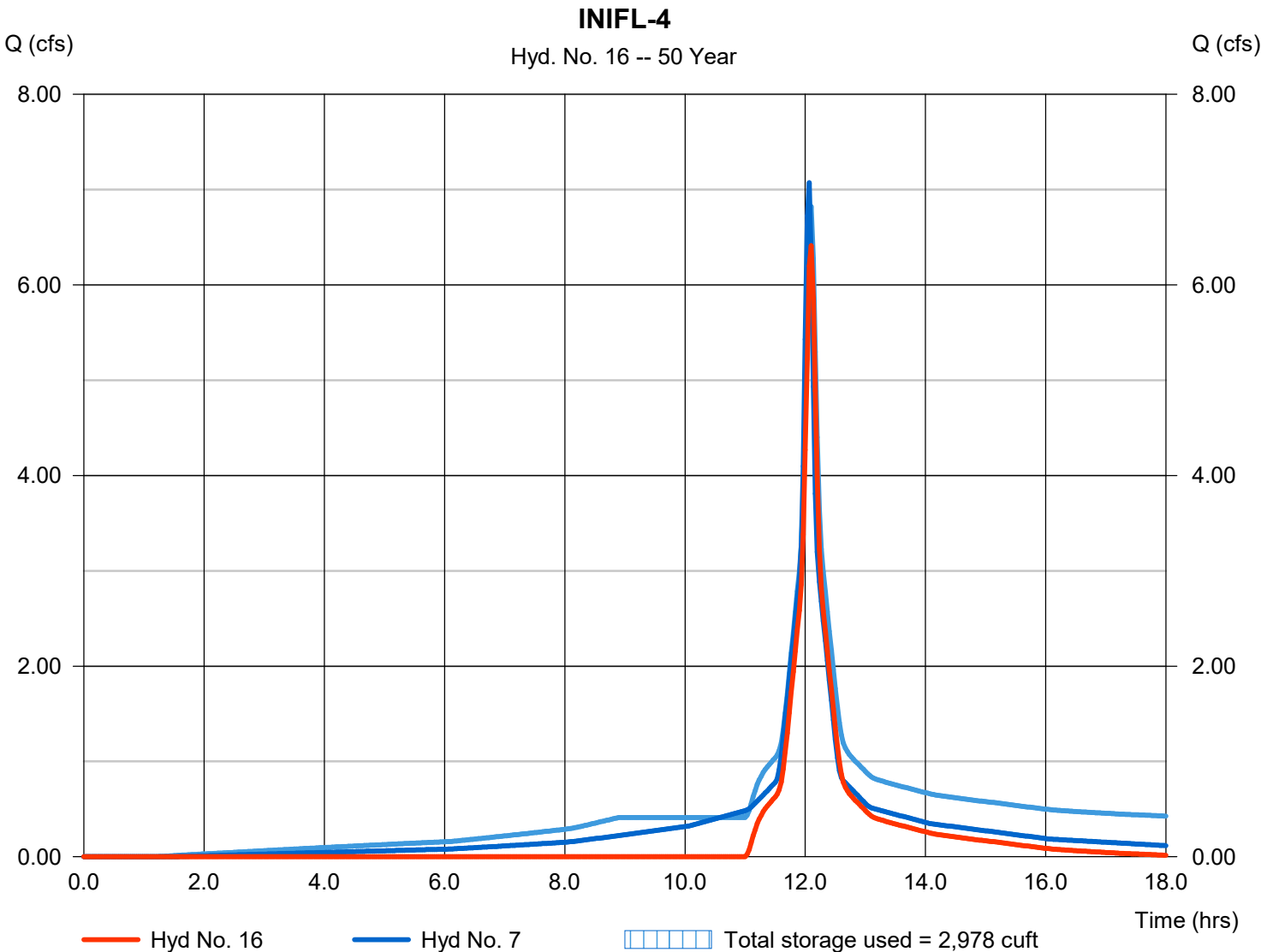
Thursday, 04 / 4 / 2024

Hyd. No. 16

INIFL-4

Hydrograph type	= Reservoir	Peak discharge	= 6.410 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.10 hrs
Time interval	= 2 min	Hyd. volume	= 14,402 cuft
Inflow hyd. No.	= 7 - PR WS-02F	Max. Elevation	= 137.80 ft
Reservoir name	= INIFL-4	Max. Storage	= 2,978 cuft

Storage Indication method used. Exfiltration extracted from Outflow.



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

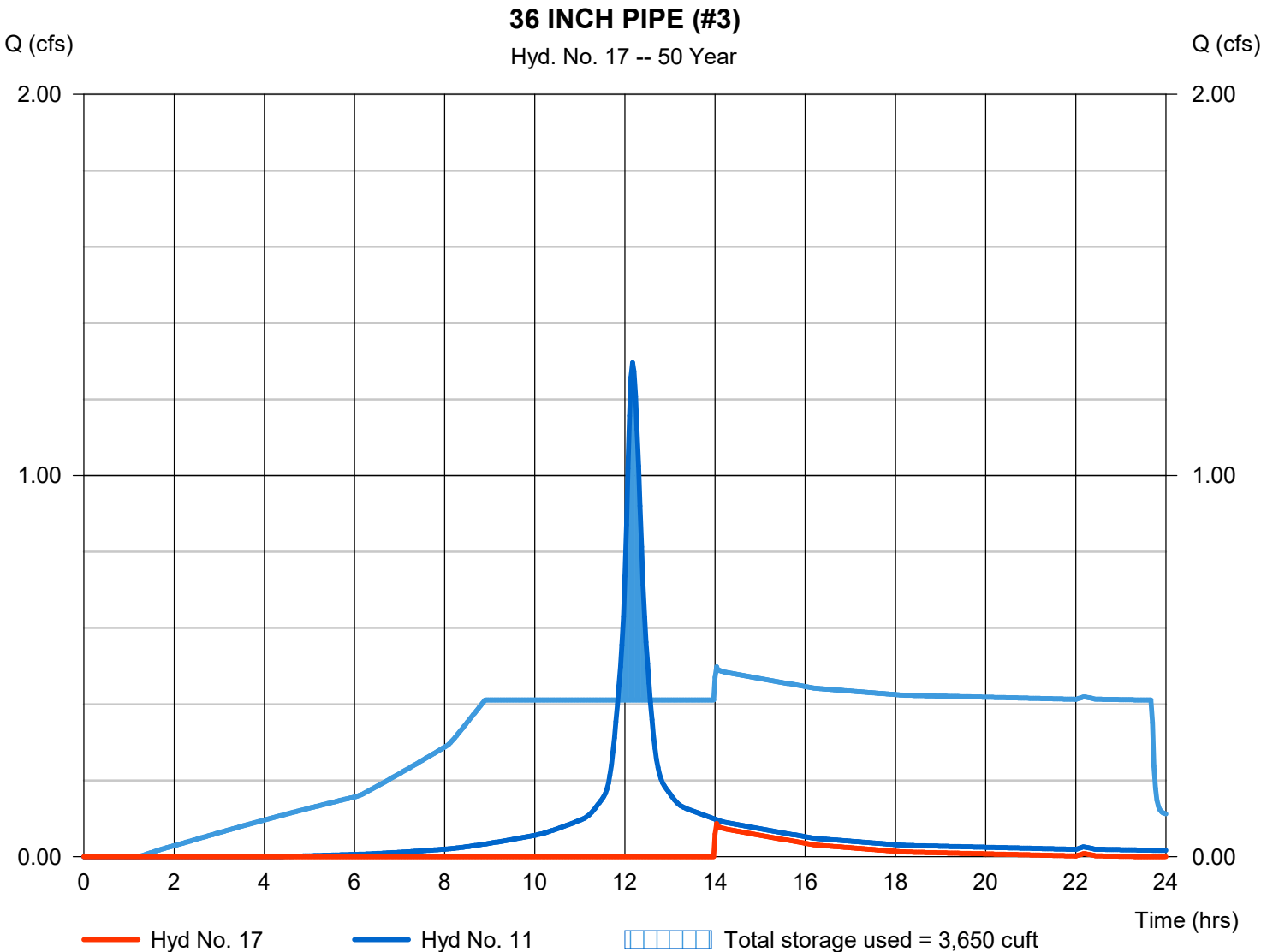
Thursday, 04 / 4 / 2024

Hyd. No. 17

36 INCH PIPE (#3)

Hydrograph type	= Reservoir	Peak discharge	= 0.087 cfs
Storm frequency	= 50 yrs	Time to peak	= 14.03 hrs
Time interval	= 2 min	Hyd. volume	= 702 cuft
Inflow hyd. No.	= 11 - PR WS-02H	Max. Elevation	= 137.46 ft
Reservoir name	= 36IN - 3	Max. Storage	= 3,650 cuft

Storage Indication method used. Exfiltration extracted from Outflow.



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

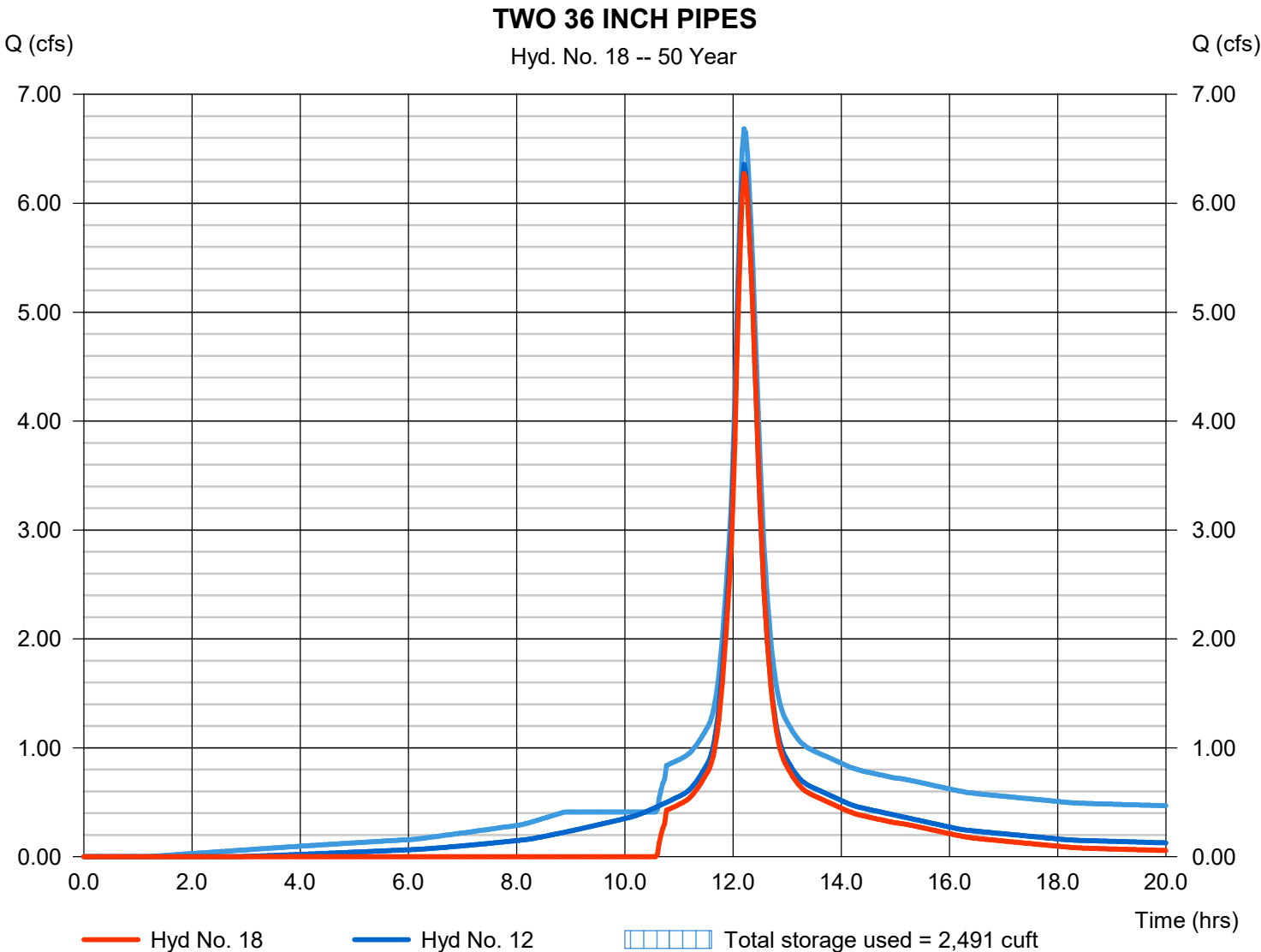
Thursday, 04 / 4 / 2024

Hyd. No. 18

TWO 36 INCH PIPES

Hydrograph type	= Reservoir	Peak discharge	= 6.274 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.20 hrs
Time interval	= 2 min	Hyd. volume	= 22,648 cuft
Inflow hyd. No.	= 12 - PR WS-02I	Max. Elevation	= 135.75 ft
Reservoir name	= TWIN 36IN	Max. Storage	= 2,491 cuft

Storage Indication method used. Exfiltration extracted from Outflow.



Hydrograph Report

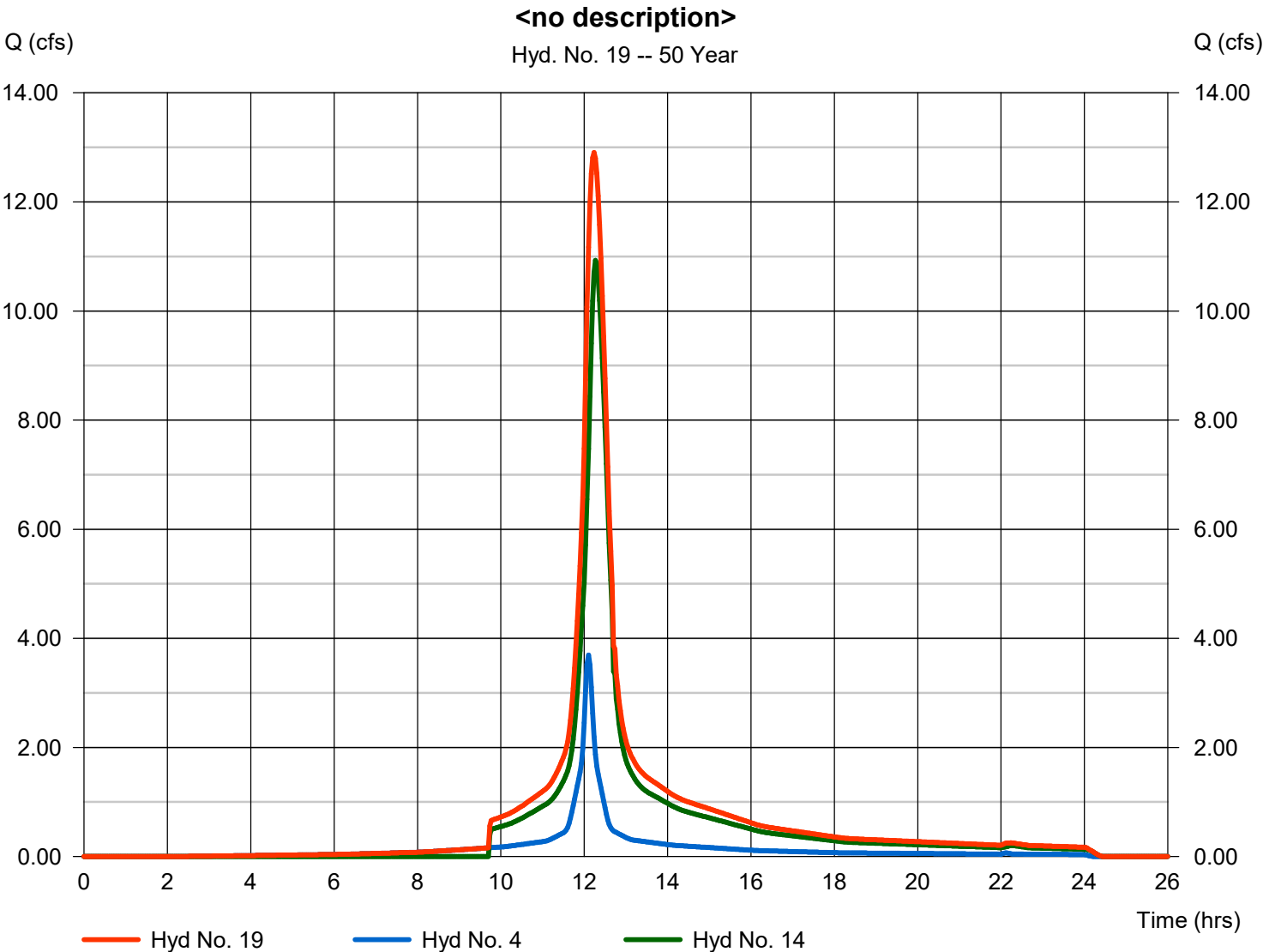
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 19

<no description>

Hydrograph type	= Combine	Peak discharge	= 12.90 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.23 hrs
Time interval	= 2 min	Hyd. volume	= 63,315 cuft
Inflow hyds.	= 4, 14	Contrib. drain. area	= 0.576 ac



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

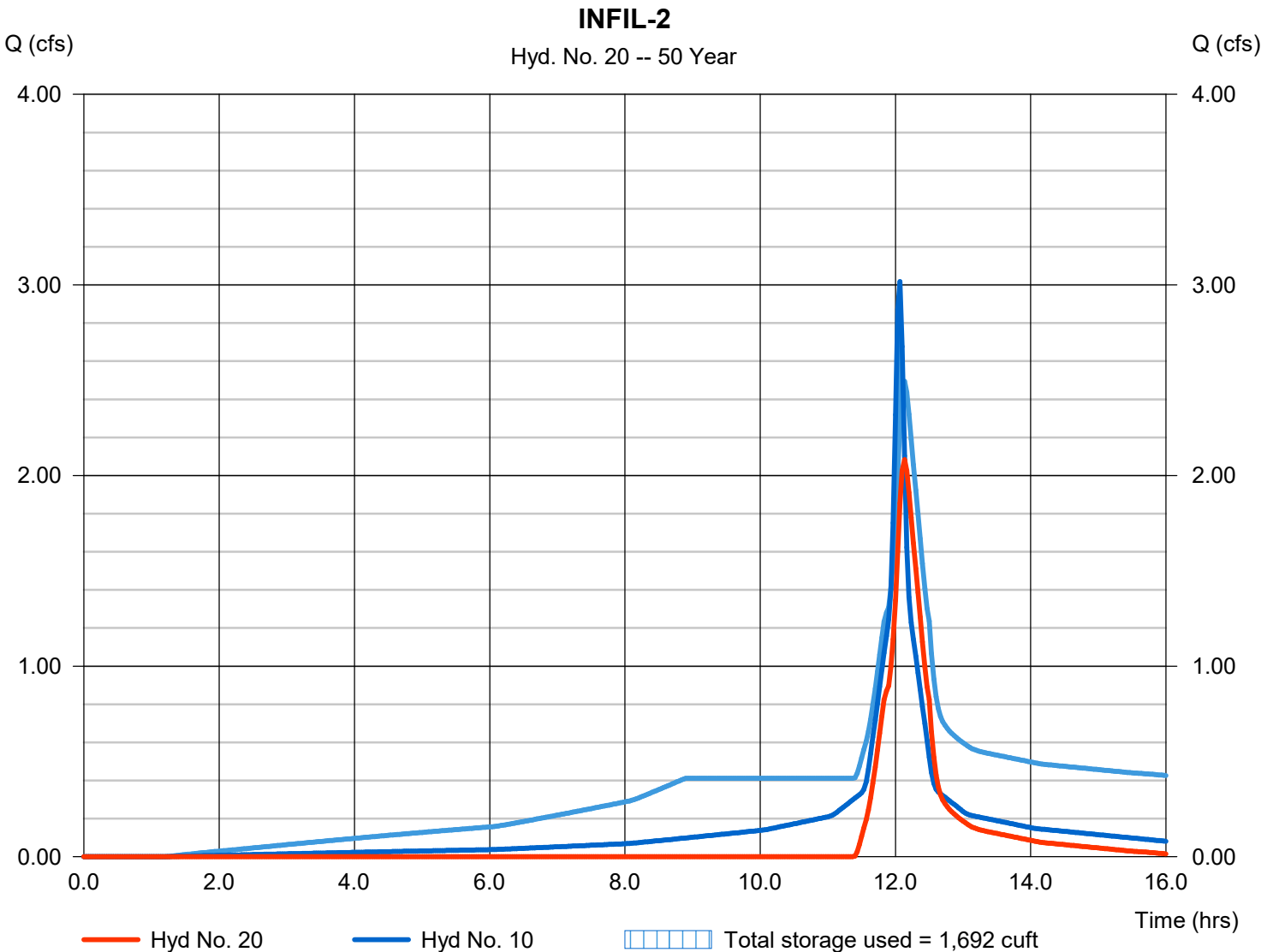
Thursday, 04 / 4 / 2024

Hyd. No. 20

INFIL-2

Hydrograph type	= Reservoir	Peak discharge	= 2.083 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.13 hrs
Time interval	= 2 min	Hyd. volume	= 5,300 cuft
Inflow hyd. No.	= 10 - PR WS-02G(II)	Max. Elevation	= 135.54 ft
Reservoir name	= INFIL-2	Max. Storage	= 1,692 cuft

Storage Indication method used. Exfiltration extracted from Outflow.



Hydrograph Report

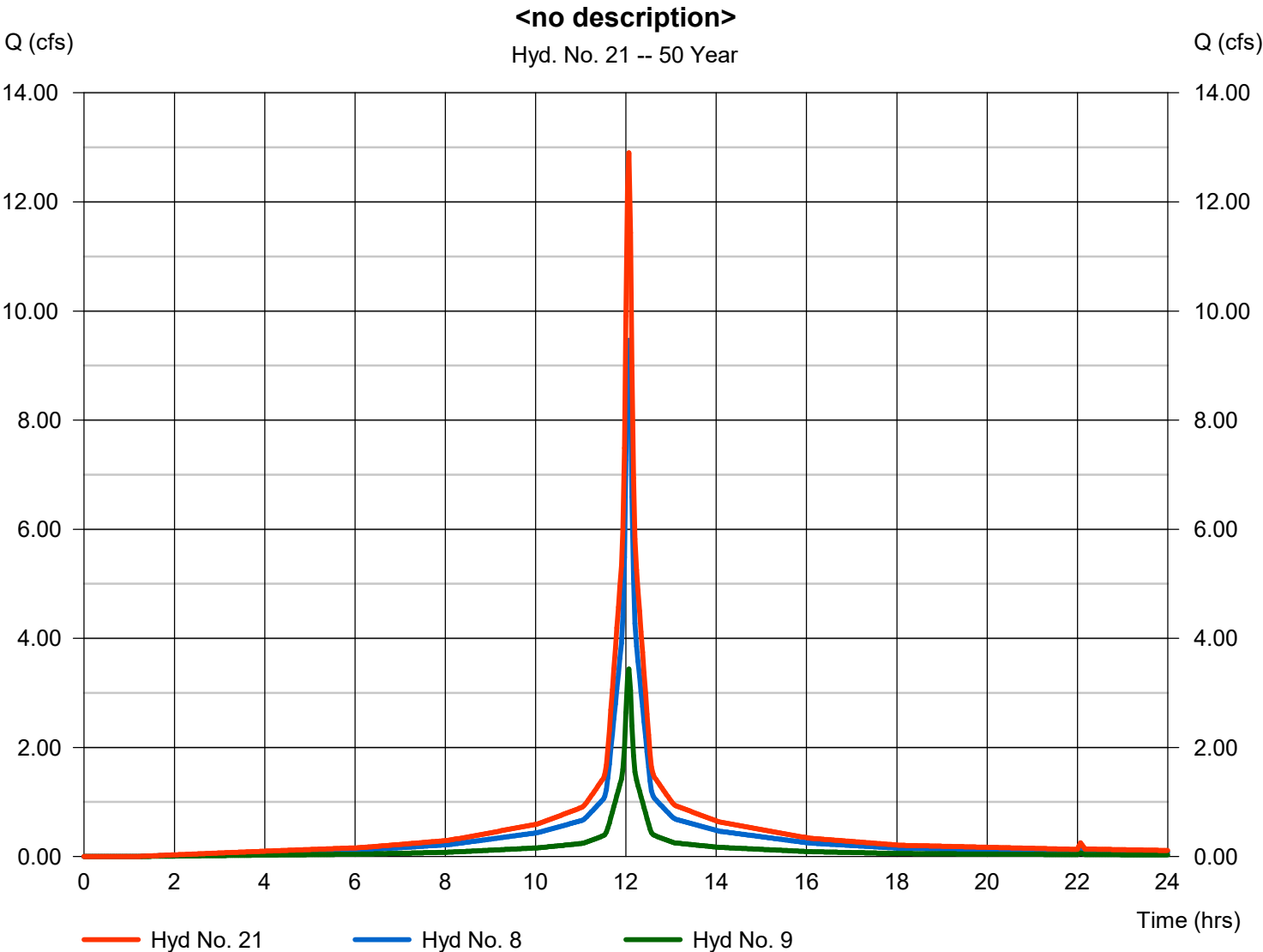
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 21

<no description>

Hydrograph type	= Combine	Peak discharge	= 12.90 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 43,763 cuft
Inflow hyds.	= 8, 9	Contrib. drain. area	= 1.855 ac



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

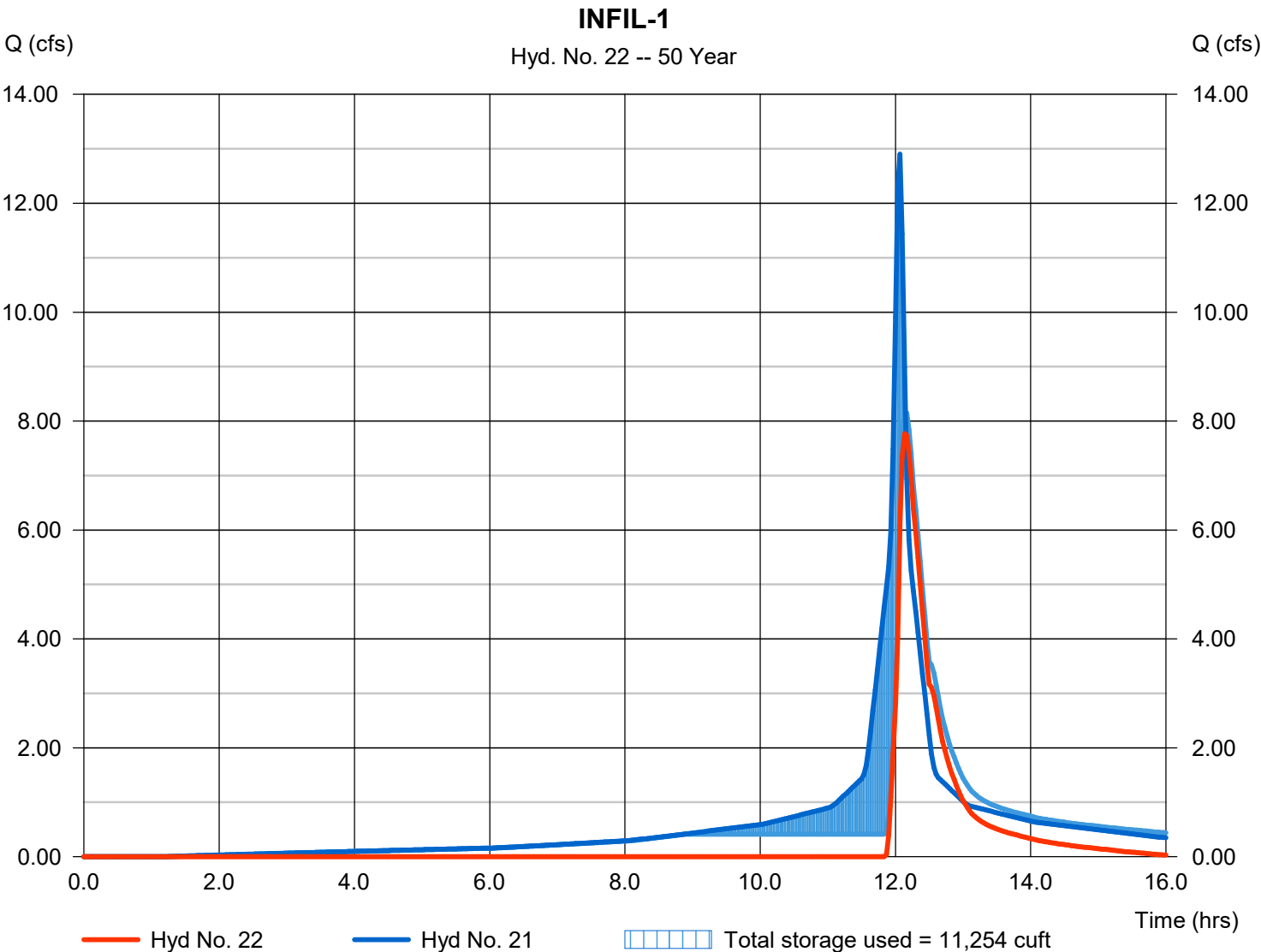
Thursday, 04 / 4 / 2024

Hyd. No. 22

INFIL-1

Hydrograph type	= Reservoir	Peak discharge	= 7.770 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.13 hrs
Time interval	= 2 min	Hyd. volume	= 17,543 cuft
Inflow hyd. No.	= 21 - <no description>	Max. Elevation	= 136.85 ft
Reservoir name	= INFIL-1	Max. Storage	= 11,254 cuft

Storage Indication method used. Exfiltration extracted from Outflow.



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

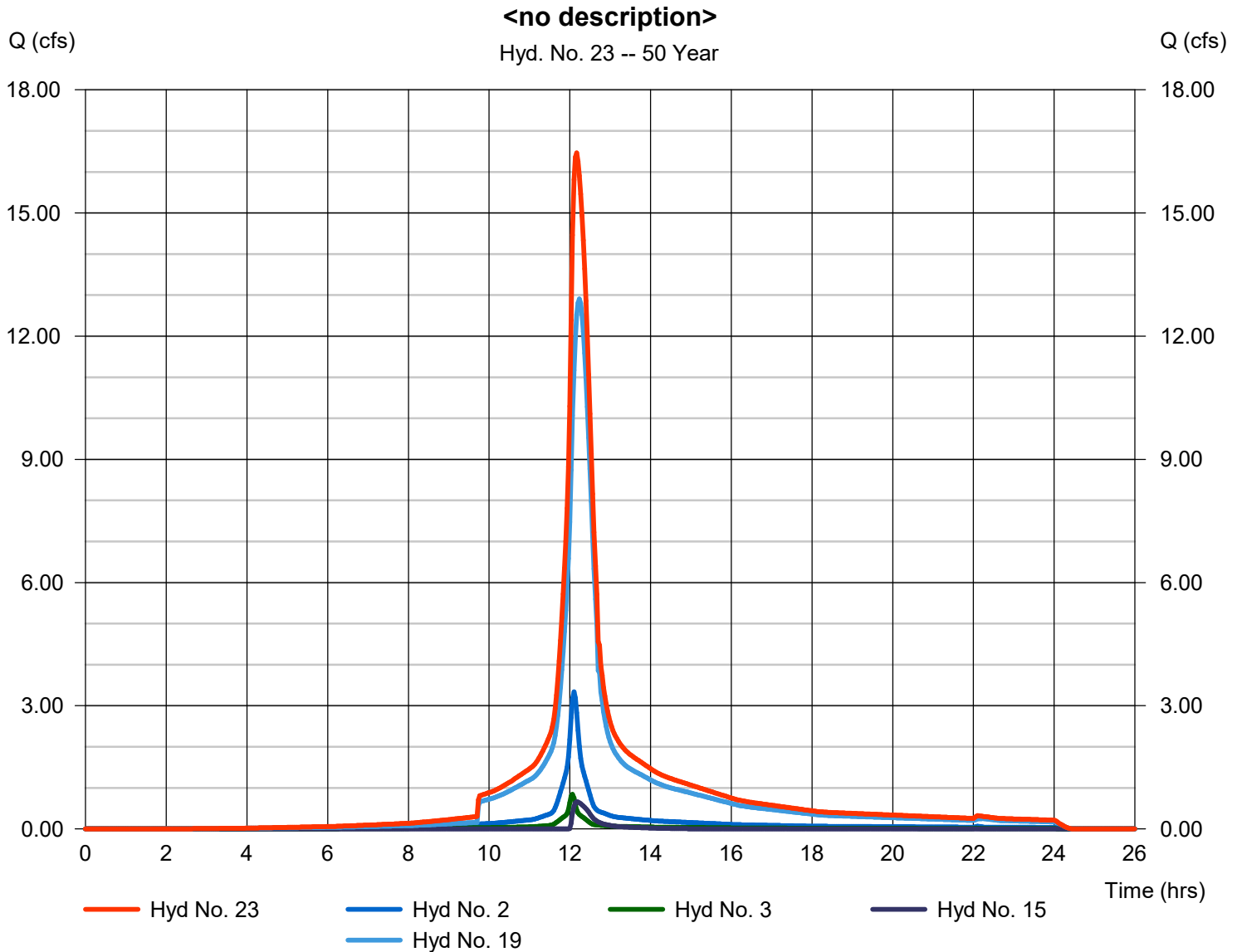
Thursday, 04 / 4 / 2024

Hyd. No. 23

<no description>

Hydrograph type = Combine
Storm frequency = 50 yrs
Time interval = 2 min
Inflow hyds. = 2, 3, 15, 19

Peak discharge = 16.46 cfs
Time to peak = 12.17 hrs
Hyd. volume = 79,243 cuft
Contrib. drain. area = 0.689 ac



Hydrograph Report

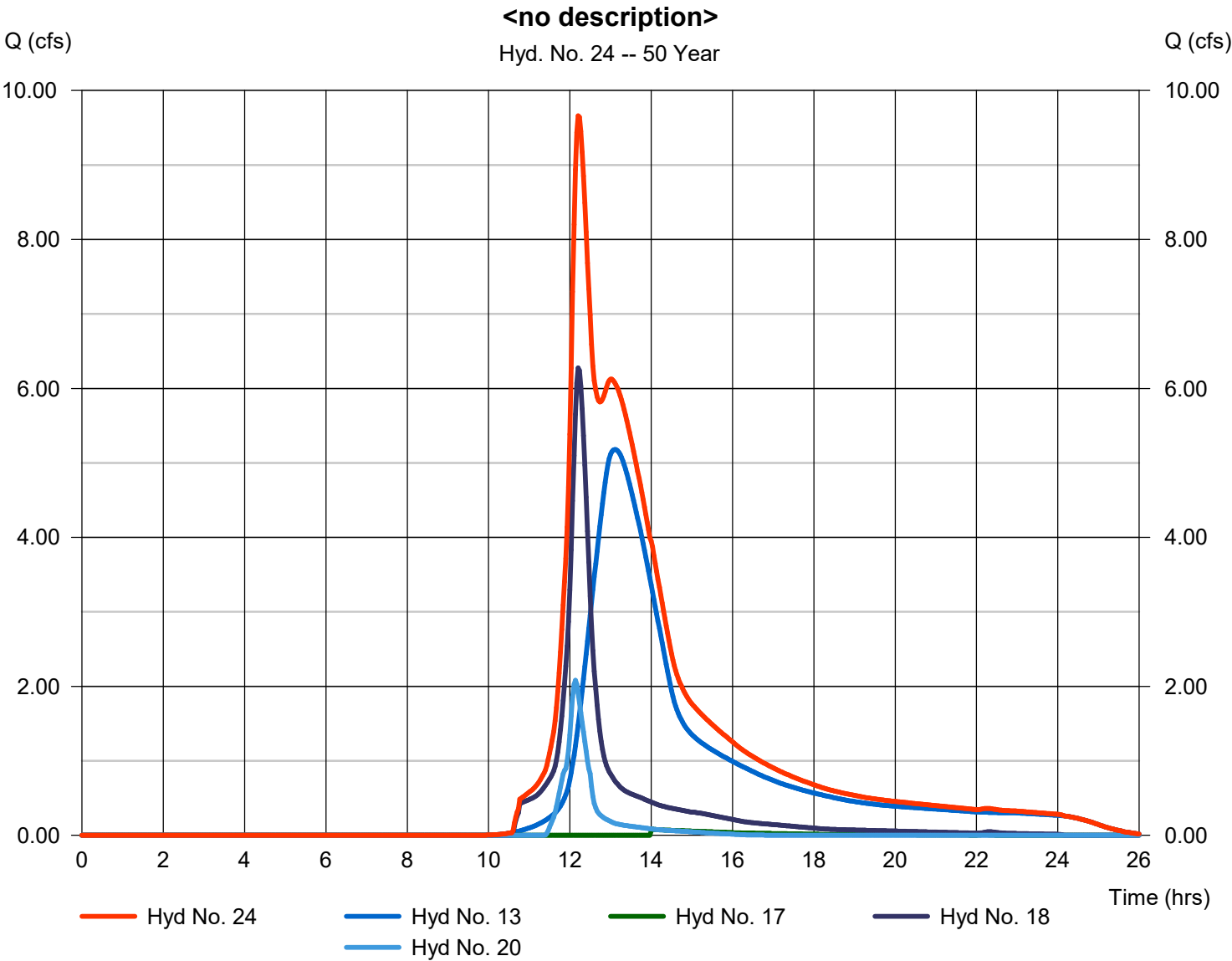
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 24

<no description>

Hydrograph type	= Combine	Peak discharge	= 9.661 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.20 hrs
Time interval	= 2 min	Hyd. volume	= 82,950 cuft
Inflow hyds.	= 13, 17, 18, 20	Contrib. drain. area	= 4.837 ac



Hydrograph Report

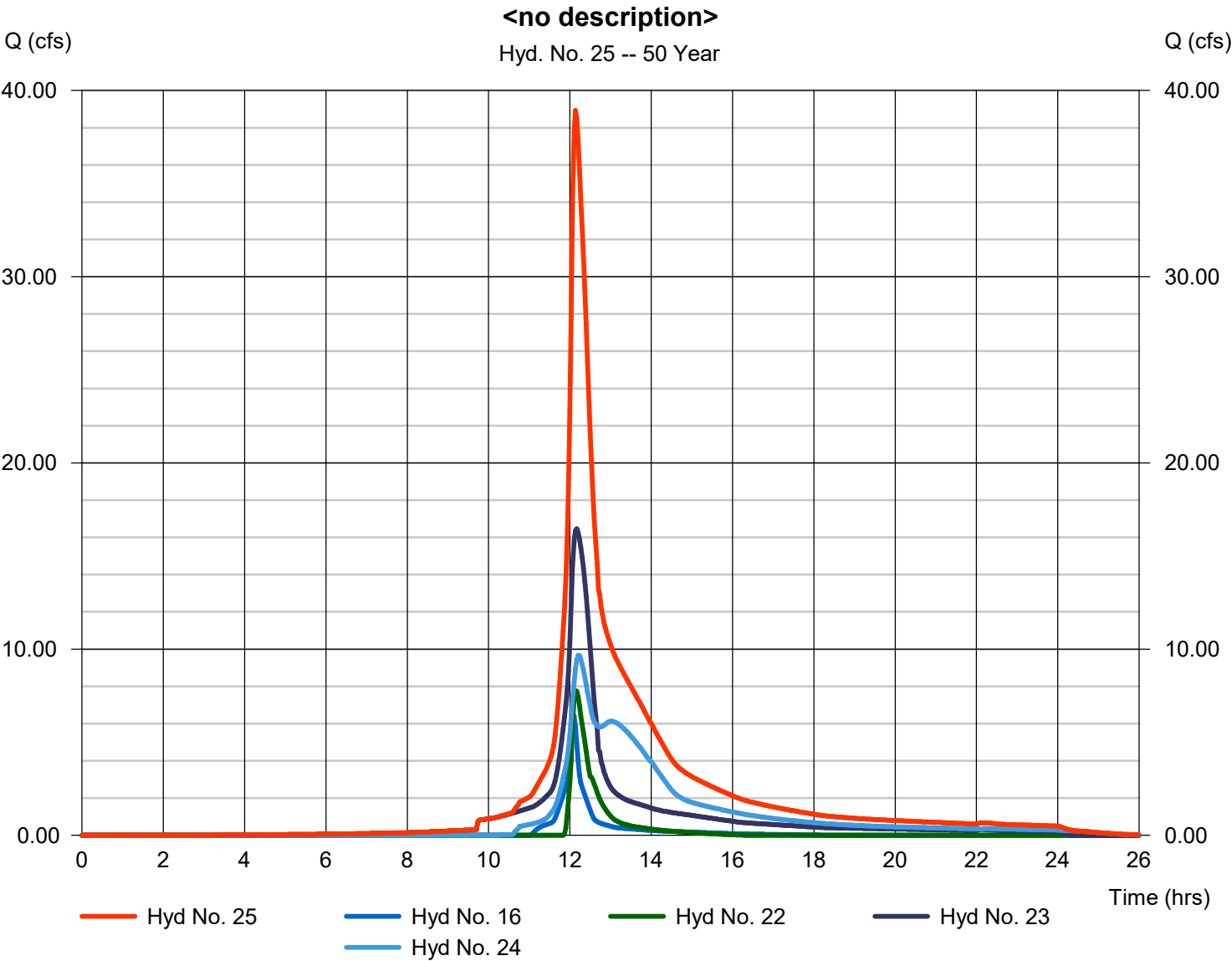
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 25

<no description>

Hydrograph type	= Combine	Peak discharge	= 38.93 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.13 hrs
Time interval	= 2 min	Hyd. volume	= 194,138 cuft
Inflow hyds.	= 16, 22, 23, 24	Contrib. drain. area	= 0.000 ac



Hydrograph Report

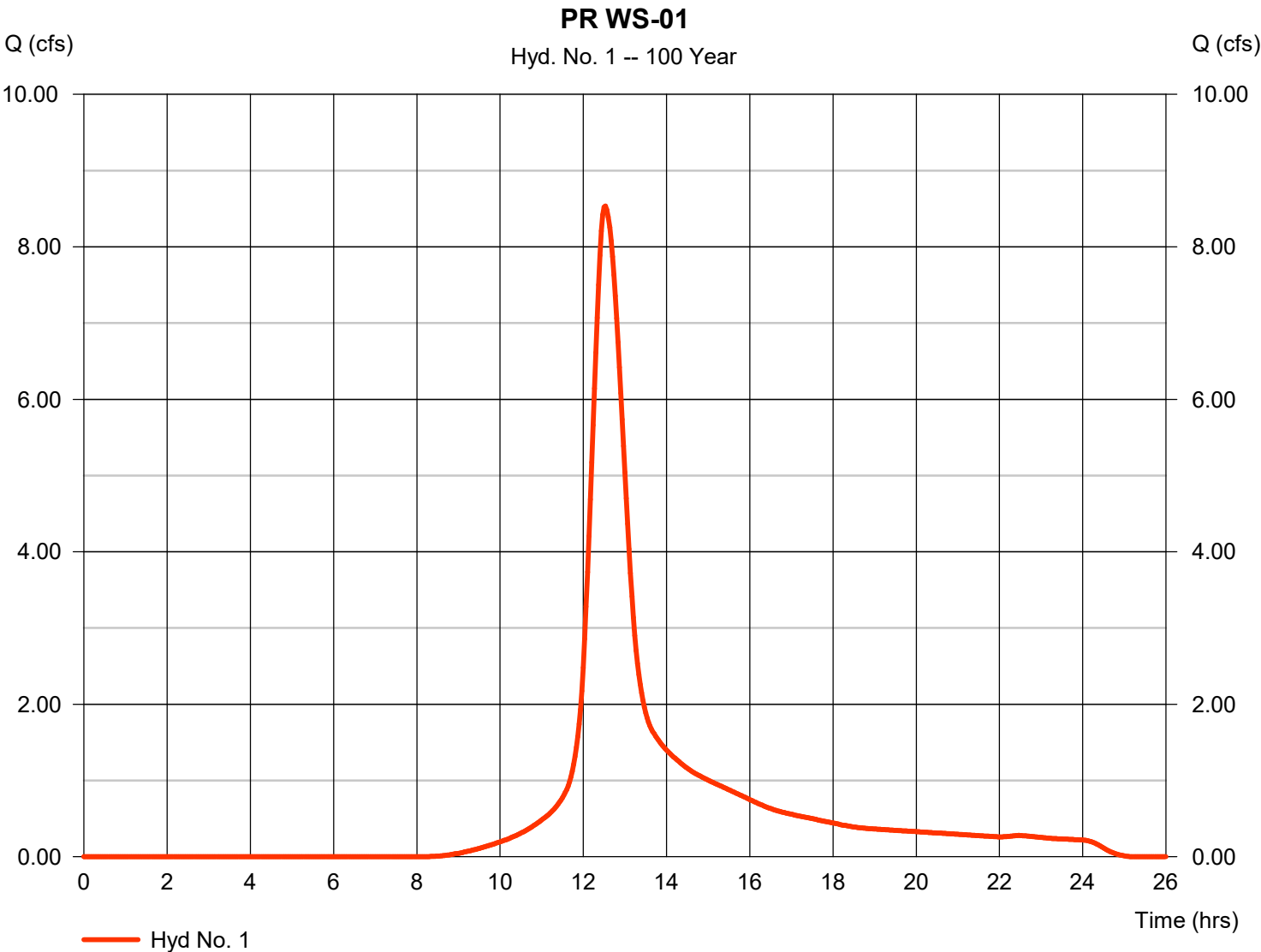
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 1

PR WS-01

Hydrograph type	= SCS Runoff	Peak discharge	= 8.534 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.53 hrs
Time interval	= 2 min	Hyd. volume	= 55,399 cuft
Drainage area	= 3.405 ac	Curve number	= 68
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 45.70 min
Total precip.	= 8.34 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

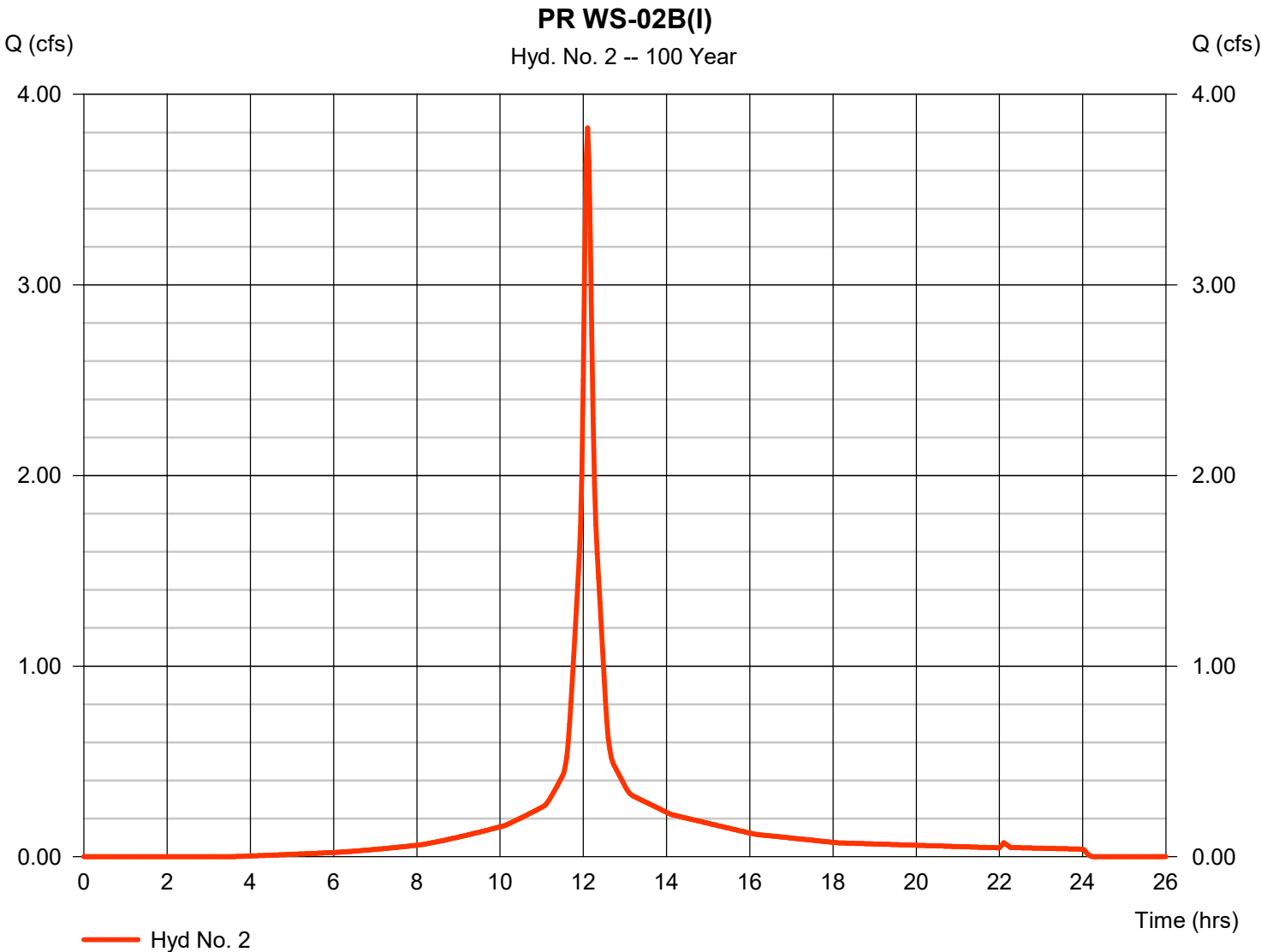
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 2

PR WS-02B(I)

Hydrograph type	= SCS Runoff	Peak discharge	= 3.823 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.10 hrs
Time interval	= 2 min	Hyd. volume	= 13,711 cuft
Drainage area	= 0.557 ac	Curve number	= 87
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 7.40 min
Total precip.	= 8.34 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

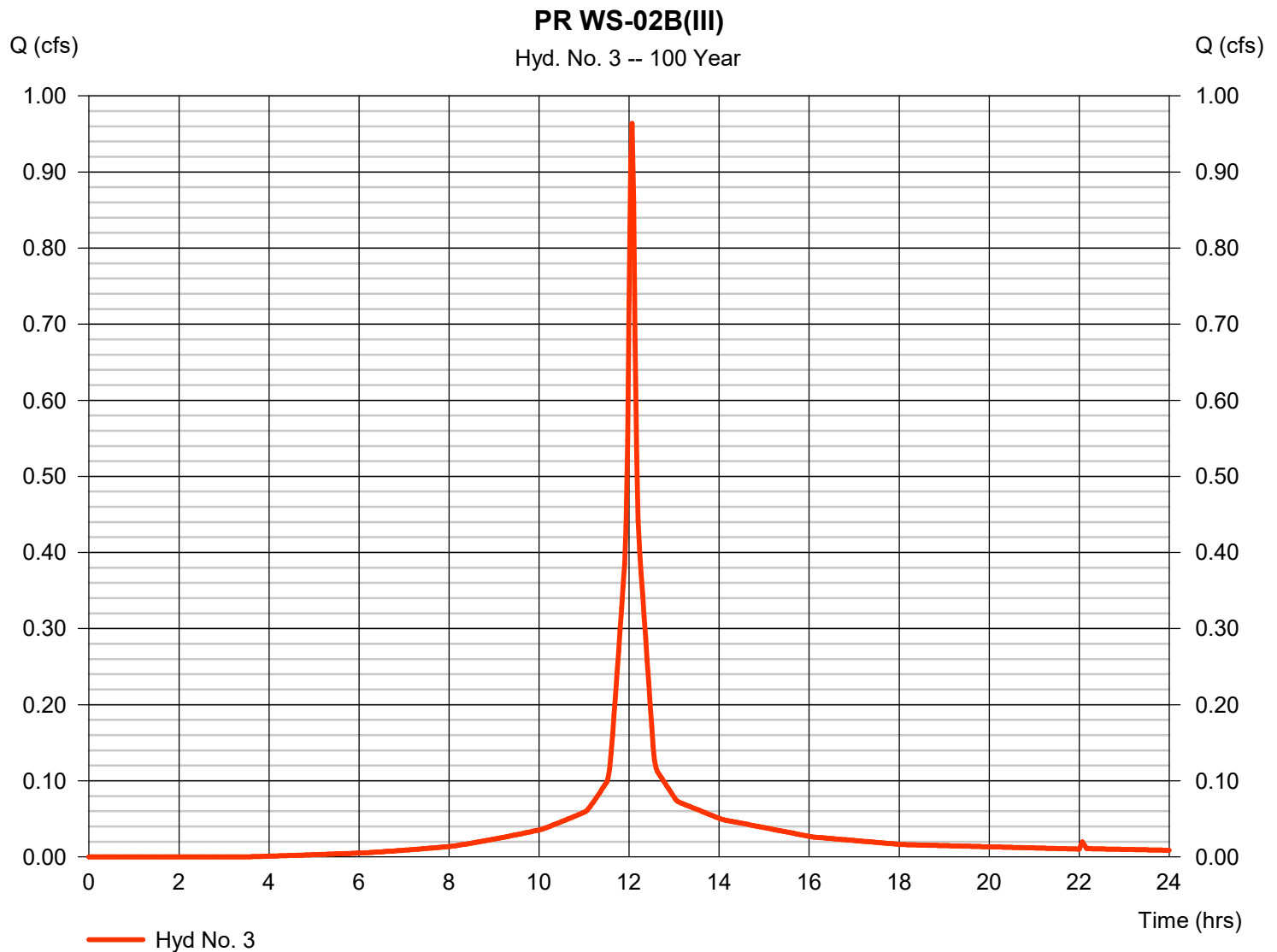
Thursday, 04 / 4 / 2024

Hyd. No. 3

PR WS-02B(III)

Hydrograph type = SCS Runoff
 Storm frequency = 100 yrs
 Time interval = 2 min
 Drainage area = 0.132 ac
 Basin Slope = 0.0 %
 Tc method = User
 Total precip. = 8.34 in
 Storm duration = 24 hrs

Peak discharge = 0.964 cfs
 Time to peak = 12.07 hrs
 Hyd. volume = 3,046 cuft
 Curve number = 87
 Hydraulic length = 0 ft
 Time of conc. (Tc) = 5.00 min
 Distribution = Type III
 Shape factor = 484



Hydrograph Report

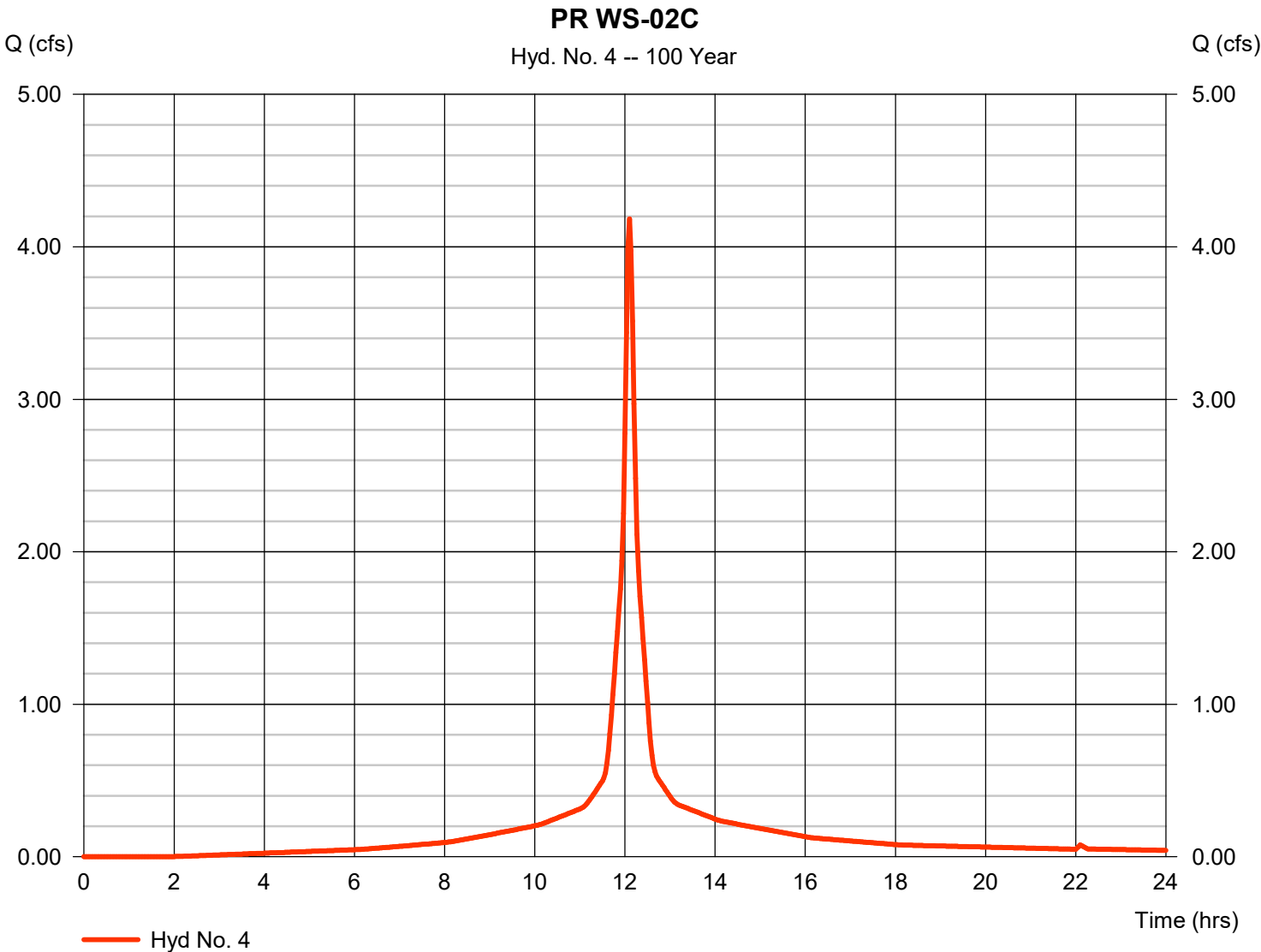
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 4

PR WS-02C

Hydrograph type	= SCS Runoff	Peak discharge	= 4.184 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.10 hrs
Time interval	= 2 min	Hyd. volume	= 15,682 cuft
Drainage area	= 0.576 ac	Curve number	= 93
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 9.40 min
Total precip.	= 8.34 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

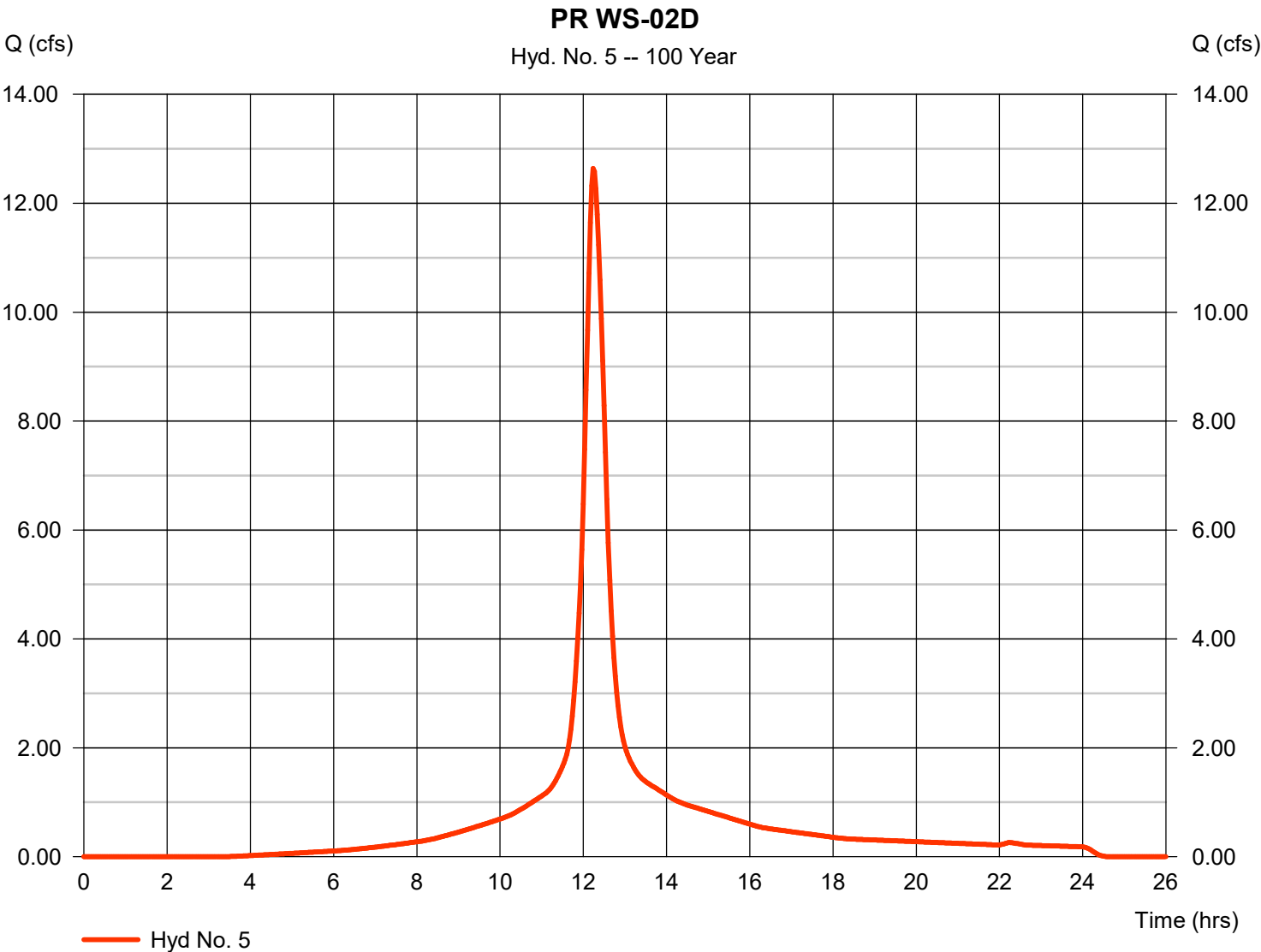
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 5

PR WS-02D

Hydrograph type	= SCS Runoff	Peak discharge	= 12.64 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.23 hrs
Time interval	= 2 min	Hyd. volume	= 62,774 cuft
Drainage area	= 2.462 ac	Curve number	= 88
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 22.10 min
Total precip.	= 8.34 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

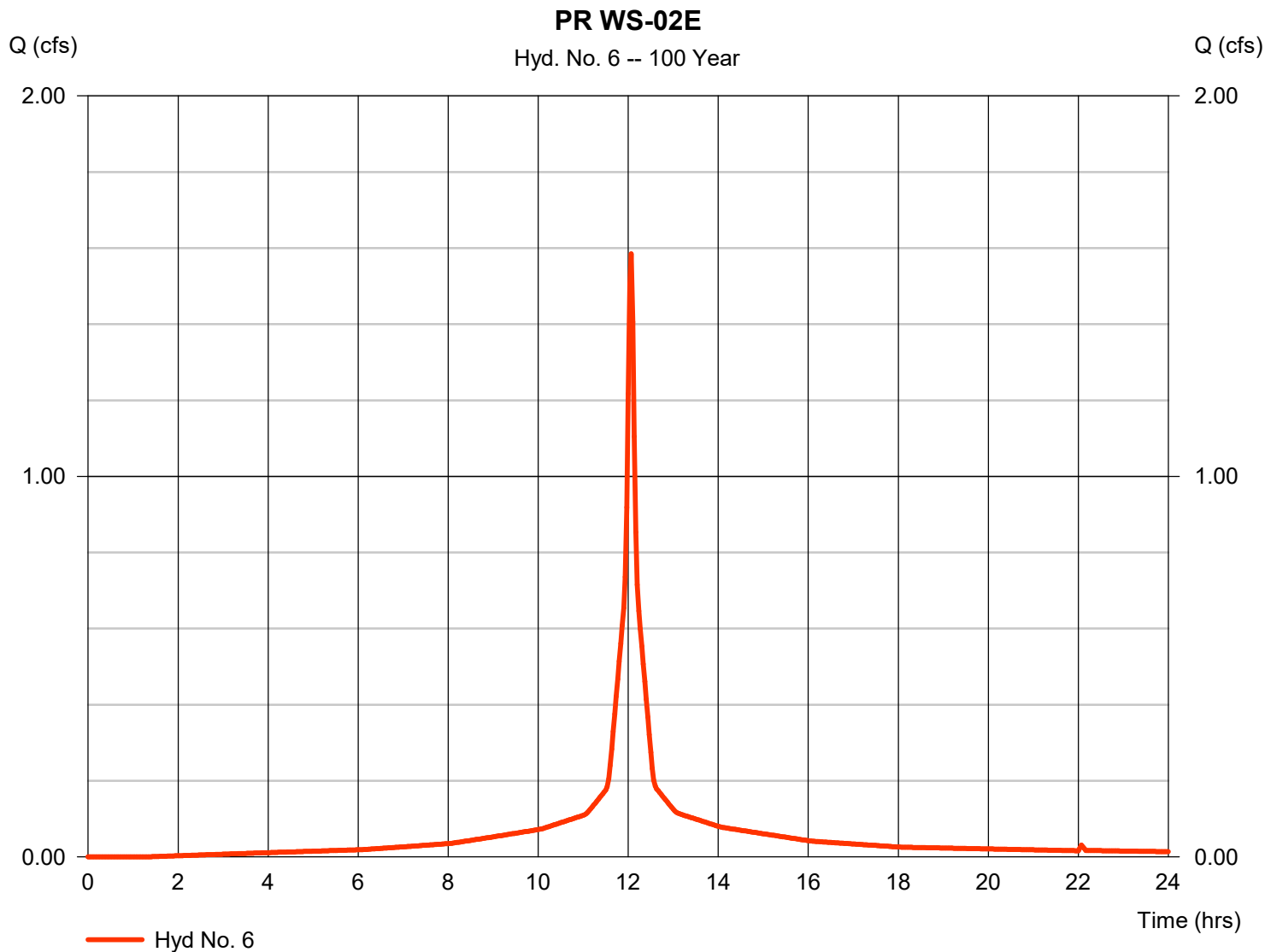
Thursday, 04 / 4 / 2024

Hyd. No. 6

PR WS-02E

Hydrograph type = SCS Runoff
Storm frequency = 100 yrs
Time interval = 2 min
Drainage area = 0.203 ac
Basin Slope = 0.0 %
Tc method = User
Total precip. = 8.34 in
Storm duration = 24 hrs

Peak discharge = 1.585 cfs
Time to peak = 12.07 hrs
Hyd. volume = 5,347 cuft
Curve number = 95
Hydraulic length = 0 ft
Time of conc. (Tc) = 5.00 min
Distribution = Type III
Shape factor = 484



Hydrograph Report

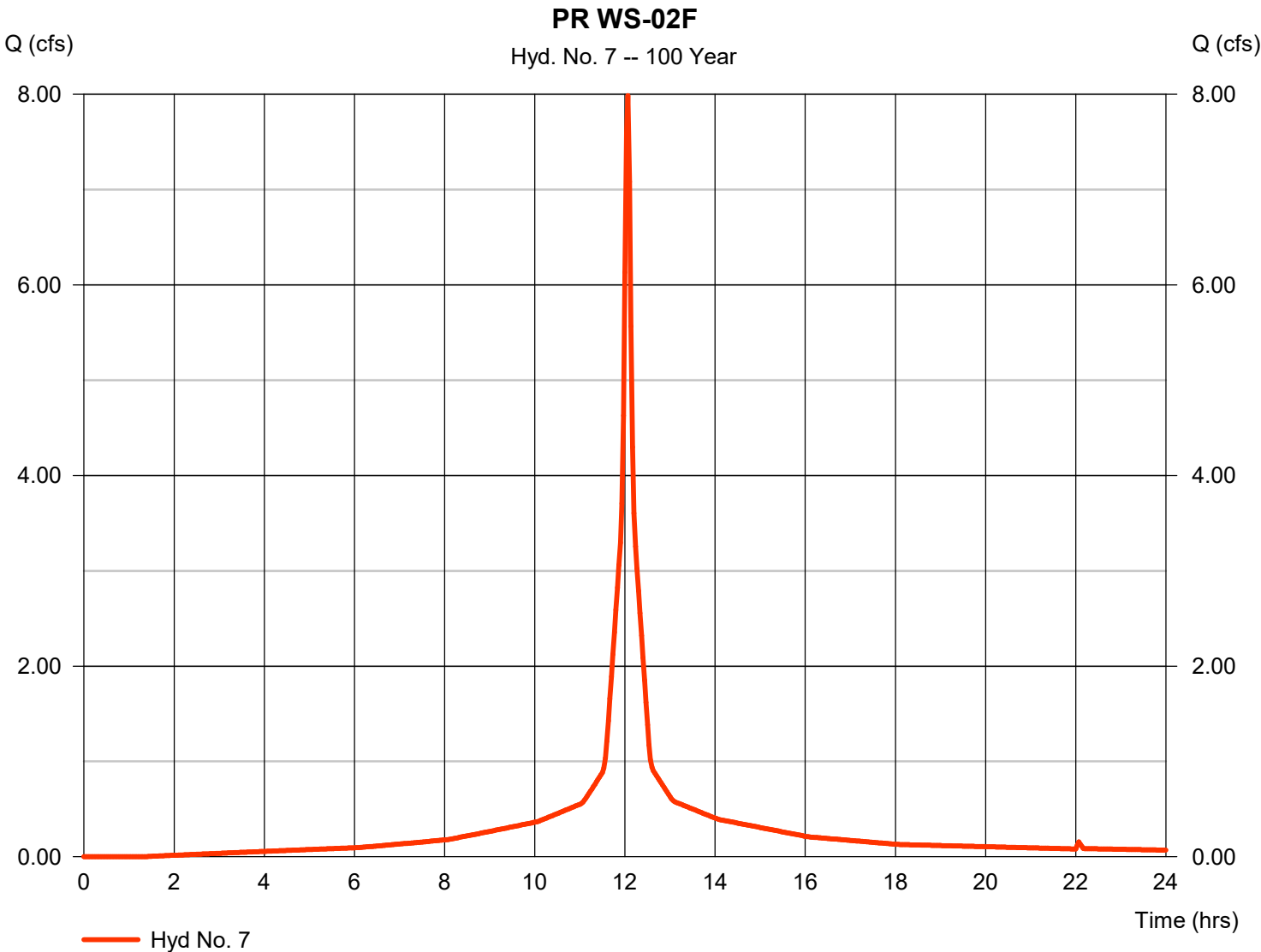
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 7

PR WS-02F

Hydrograph type	= SCS Runoff	Peak discharge	= 7.986 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 26,946 cuft
Drainage area	= 1.023 ac	Curve number	= 95
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 8.34 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

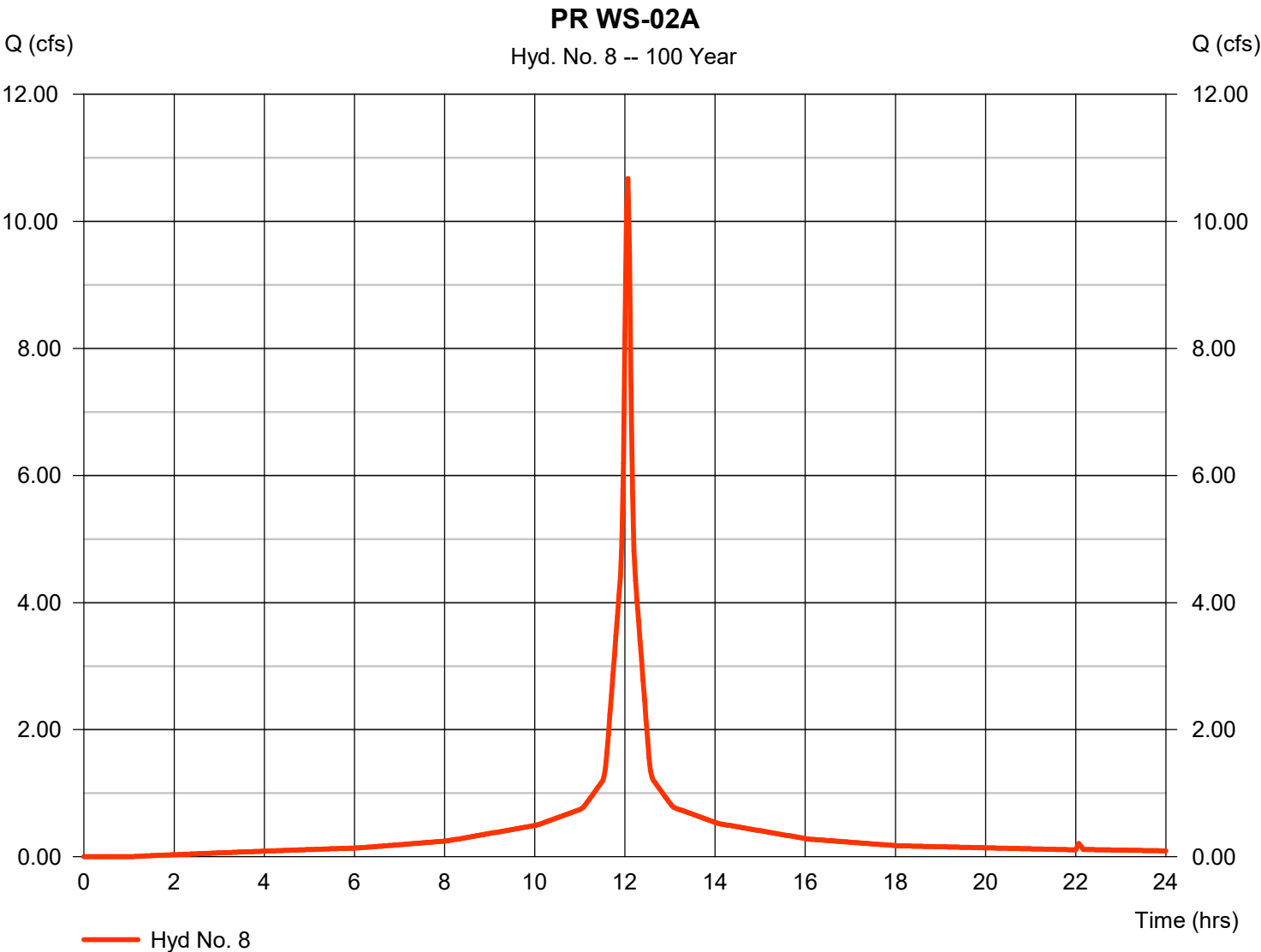
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 8

PR WS-02A

Hydrograph type	= SCS Runoff	Peak discharge	= 10.67 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 36,405 cuft
Drainage area	= 1.361 ac	Curve number	= 96
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 8.34 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

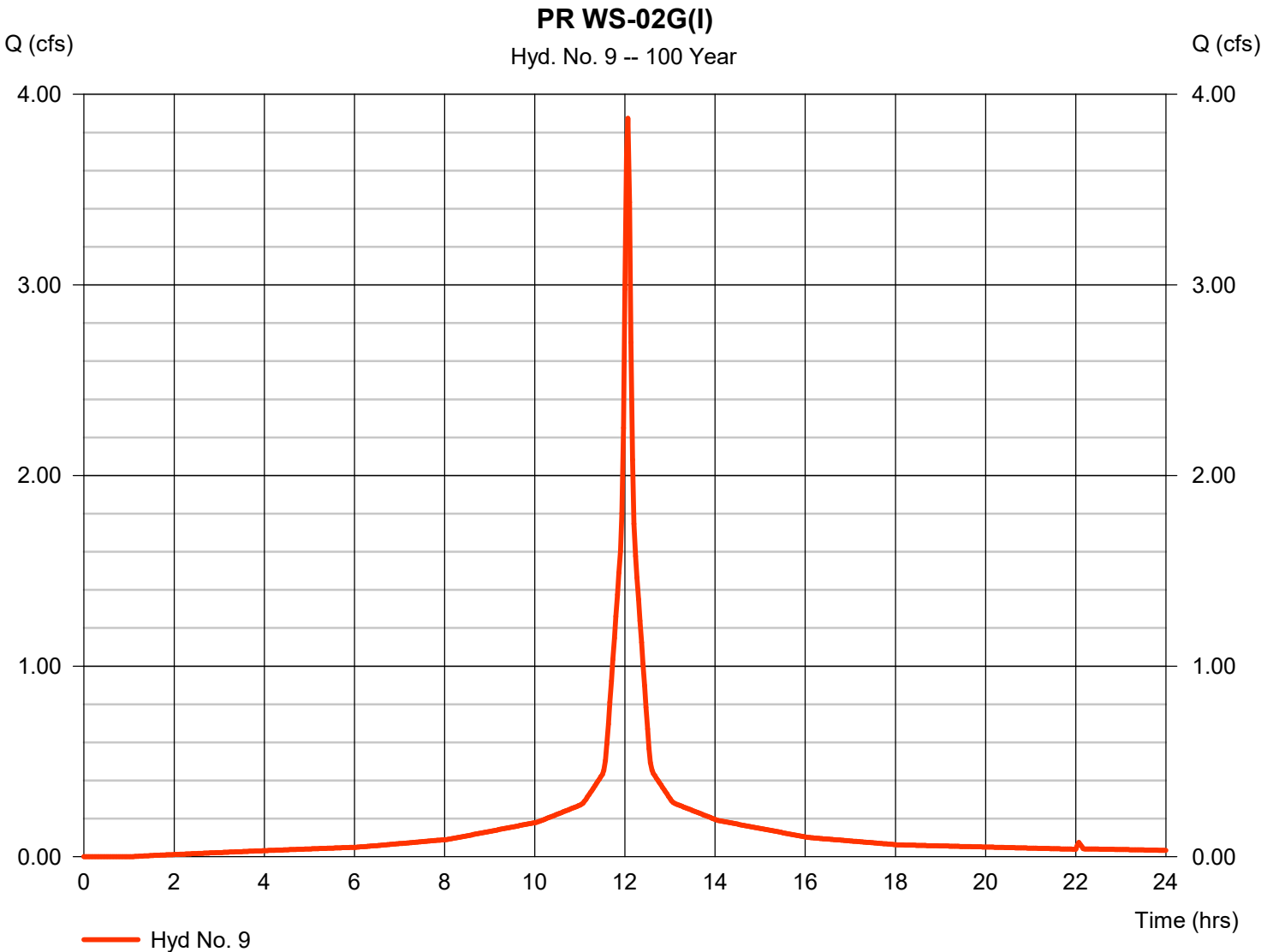
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 9

PR WS-02G(I)

Hydrograph type	= SCS Runoff	Peak discharge	= 3.874 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 13,214 cuft
Drainage area	= 0.494 ac	Curve number	= 96
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 8.34 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

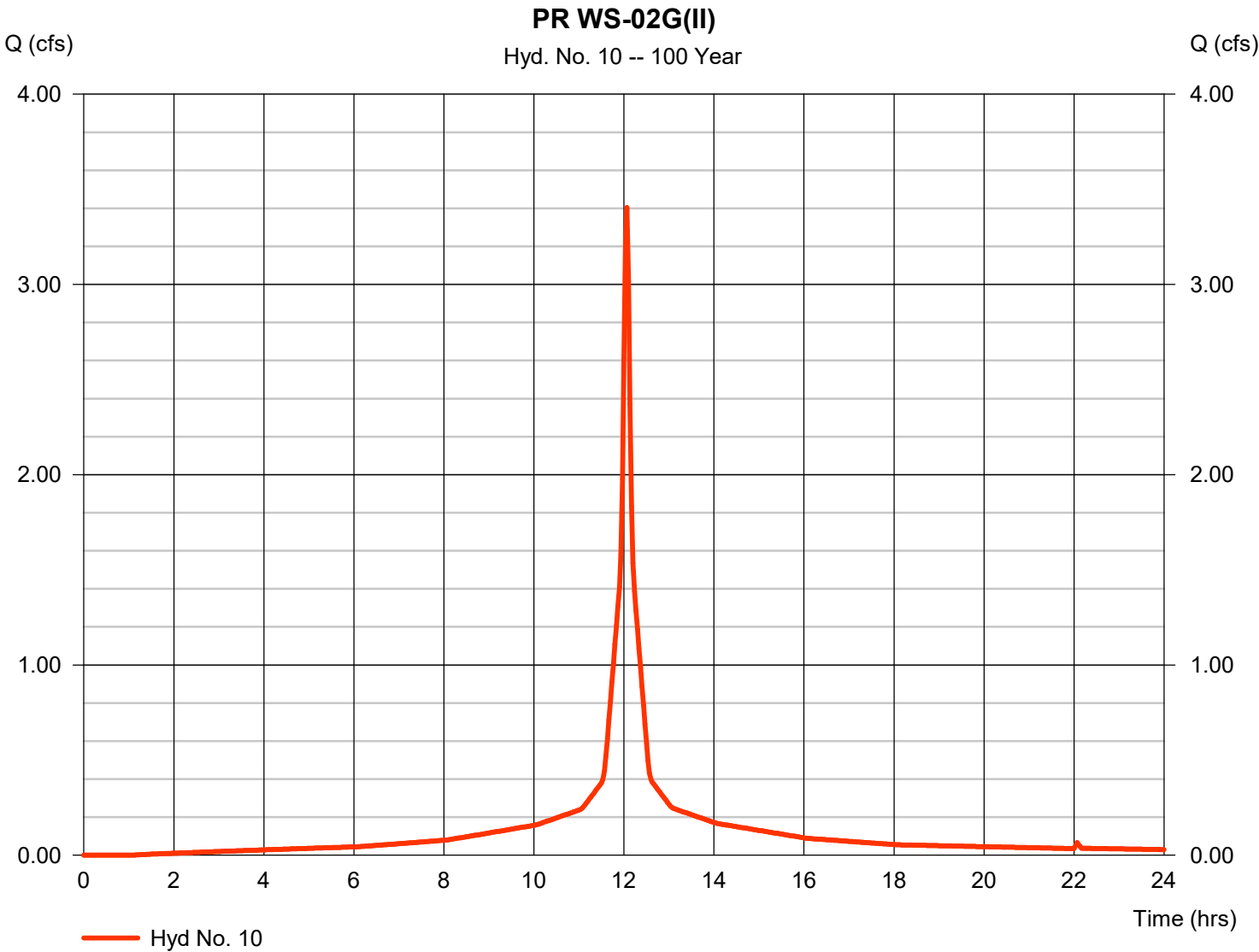
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 10

PR WS-02G(II)

Hydrograph type	= SCS Runoff	Peak discharge	= 3.404 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 11,609 cuft
Drainage area	= 0.434 ac	Curve number	= 96
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 8.34 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

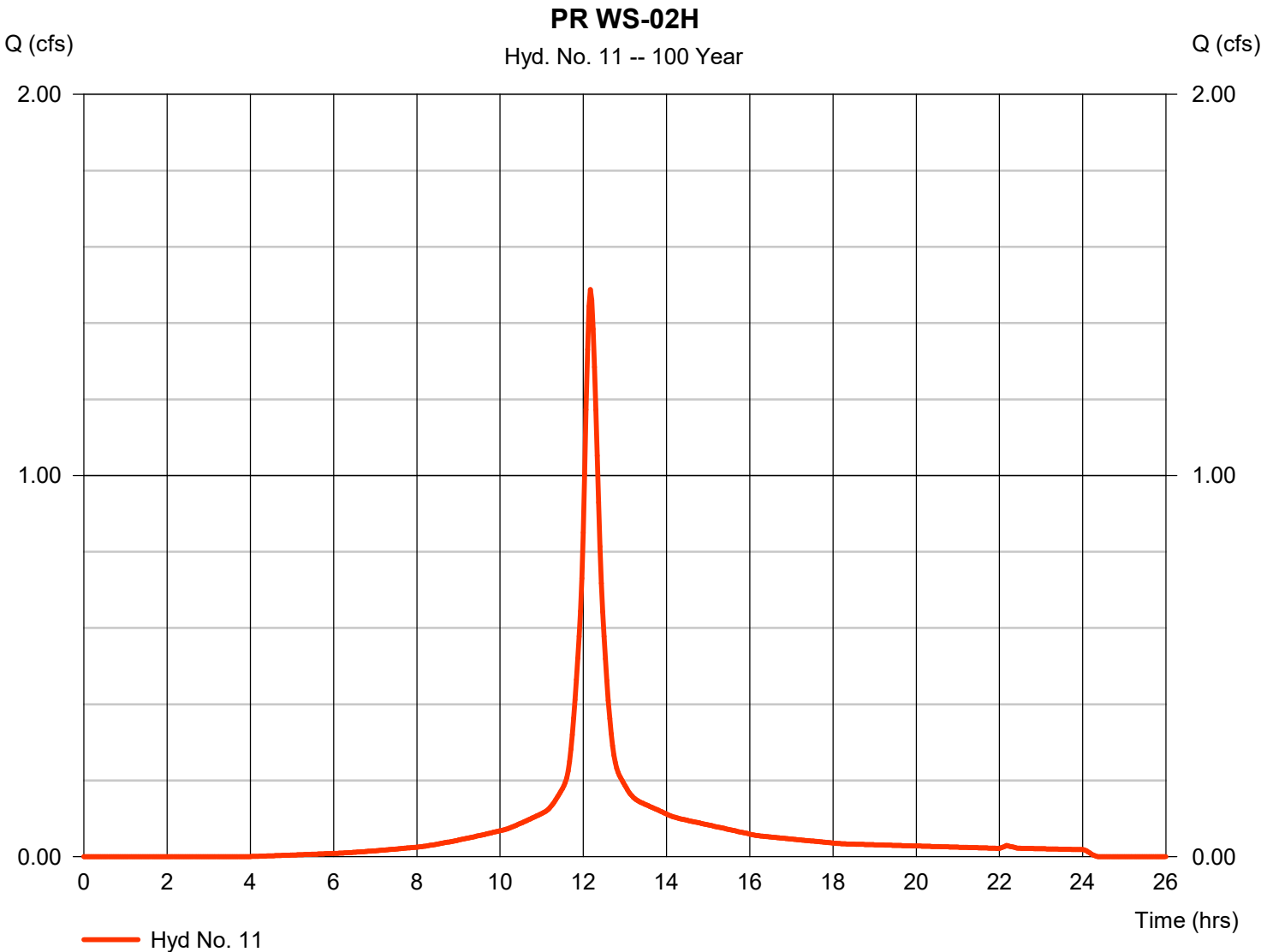
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 11

PR WS-02H

Hydrograph type	= SCS Runoff	Peak discharge	= 1.488 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.17 hrs
Time interval	= 2 min	Hyd. volume	= 6,295 cuft
Drainage area	= 0.267 ac	Curve number	= 86
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 13.80 min
Total precip.	= 8.34 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

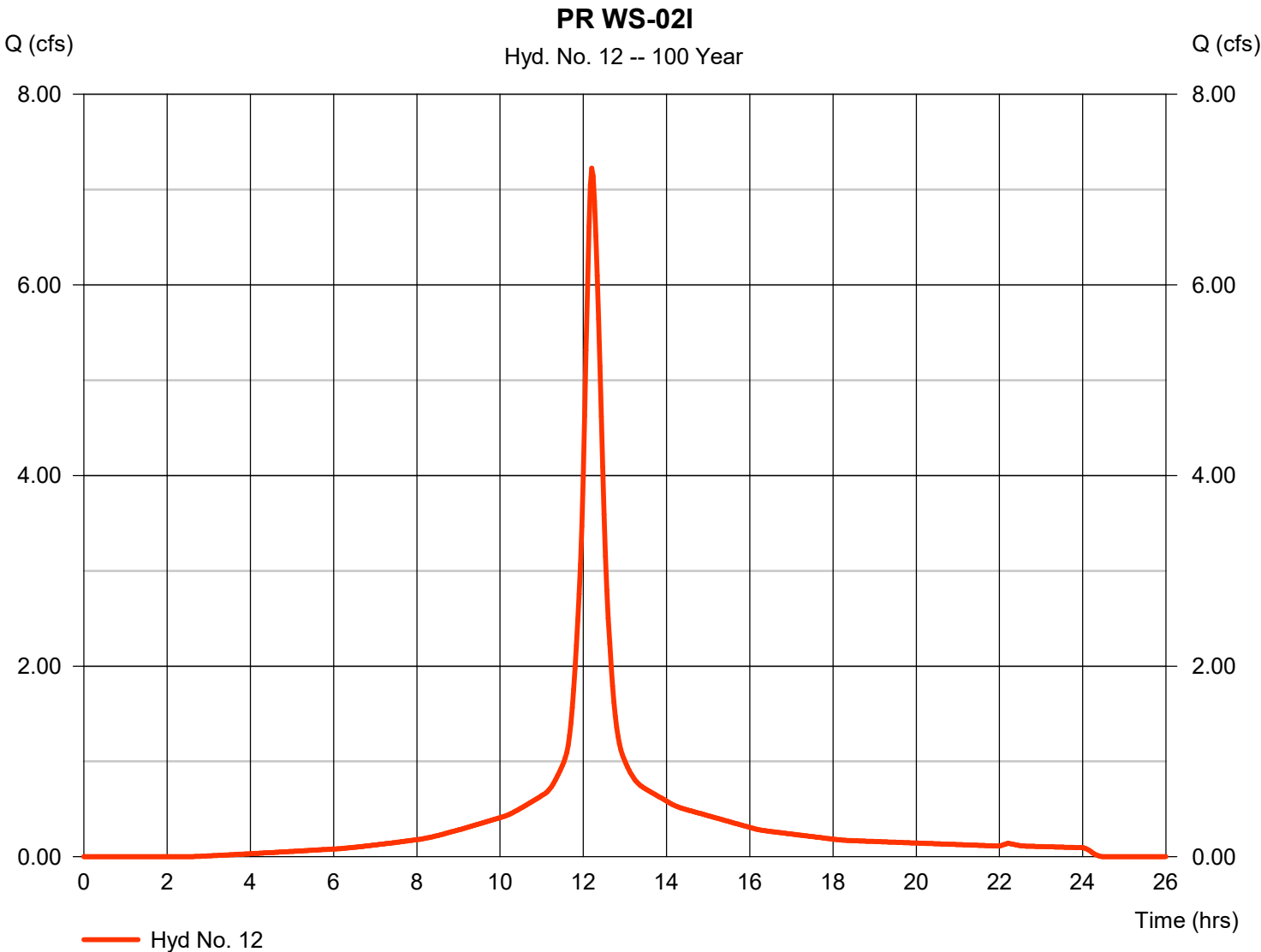
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 12

PR WS-02I

Hydrograph type	= SCS Runoff	Peak discharge	= 7.225 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.20 hrs
Time interval	= 2 min	Hyd. volume	= 34,156 cuft
Drainage area	= 1.296 ac	Curve number	= 91
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 18.60 min
Total precip.	= 8.34 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

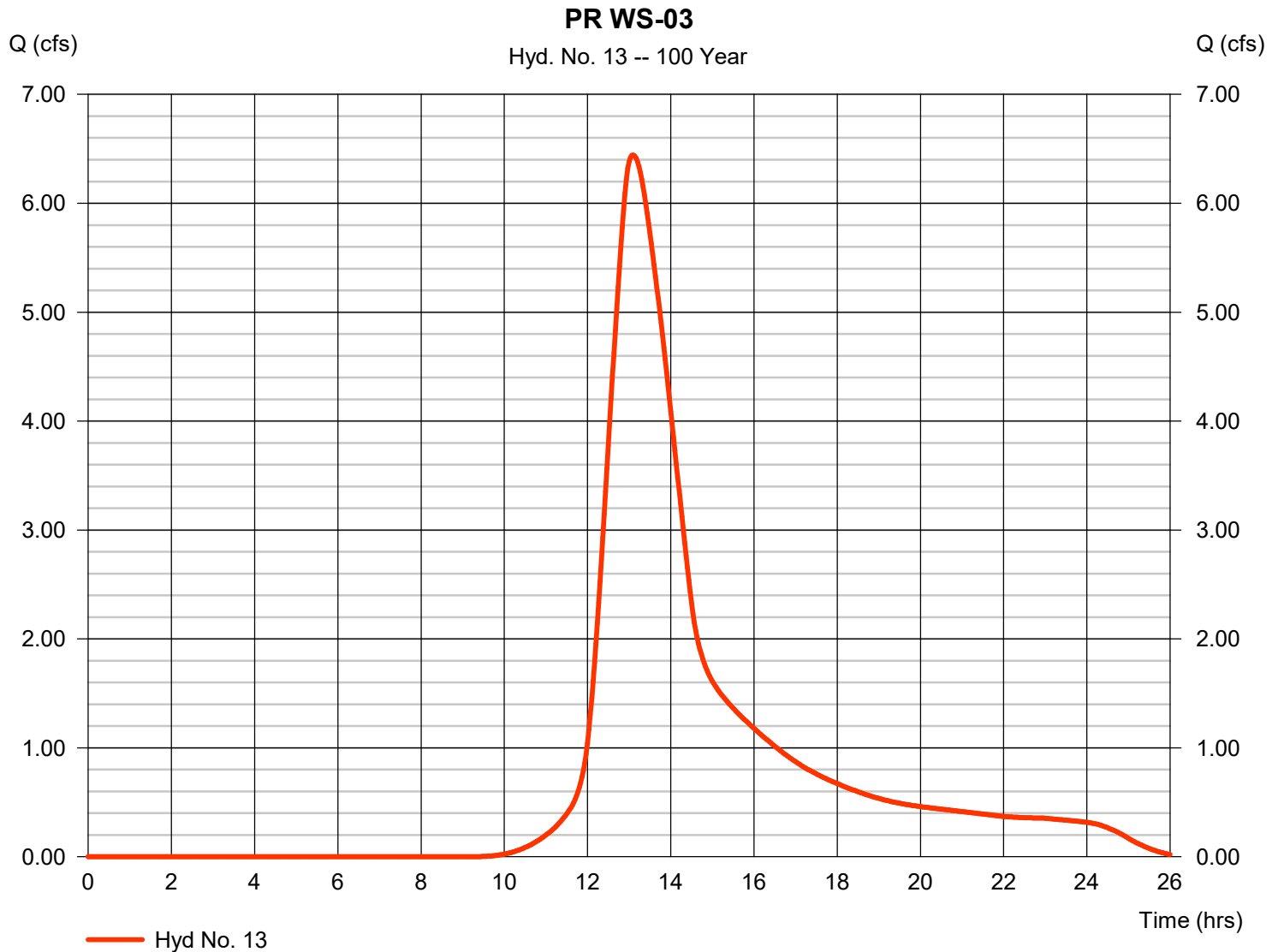
Thursday, 04 / 4 / 2024

Hyd. No. 13

PR WS-03

Hydrograph type = SCS Runoff
Storm frequency = 100 yrs
Time interval = 2 min
Drainage area = 4.837 ac
Basin Slope = 0.0 %
Tc method = User
Total precip. = 8.34 in
Storm duration = 24 hrs

Peak discharge = 6.444 cfs
Time to peak = 13.10 hrs
Hyd. volume = 66,814 cuft
Curve number = 62
Hydraulic length = 0 ft
Time of conc. (Tc) = 95.00 min
Distribution = Type III
Shape factor = 484



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

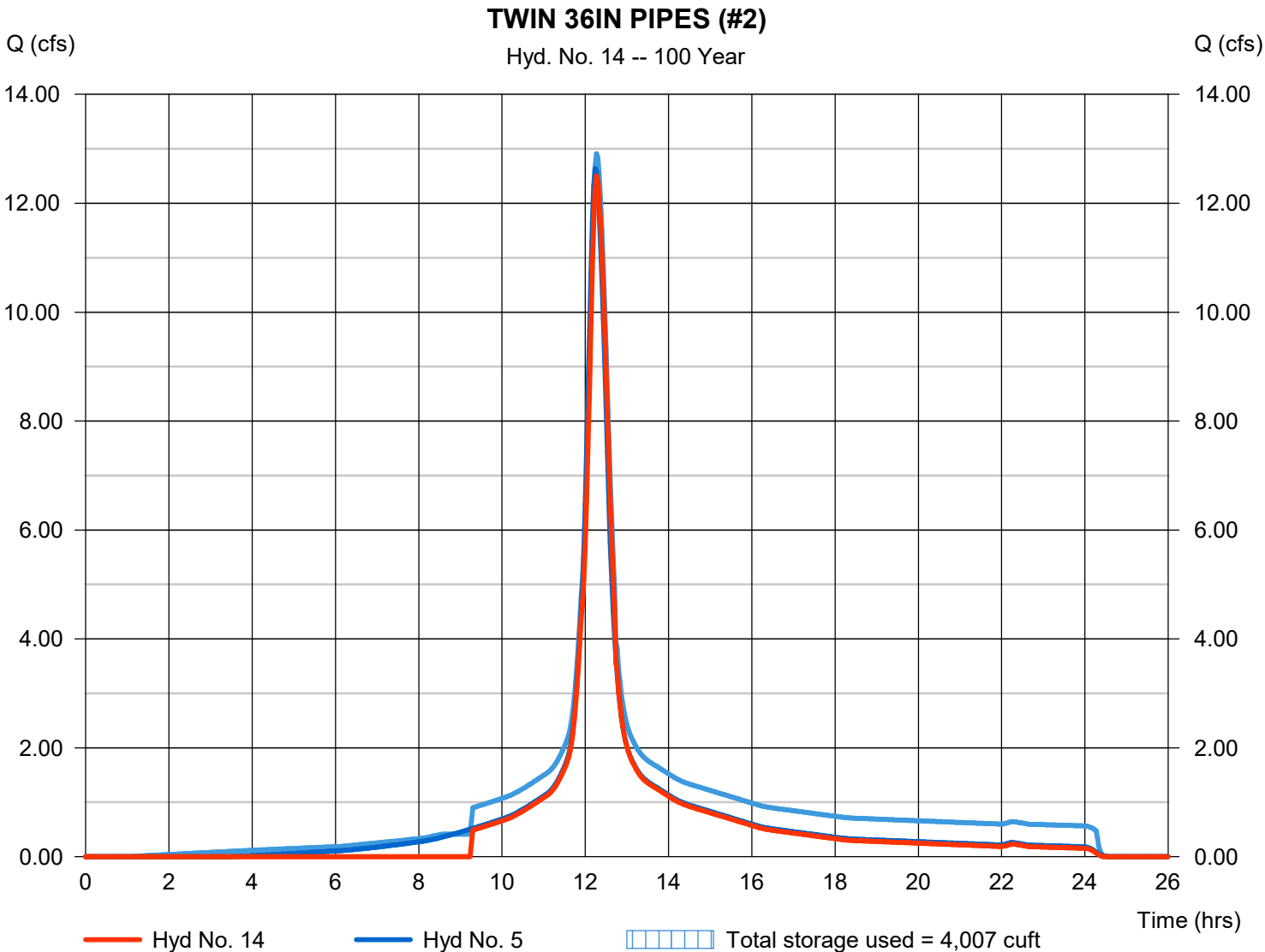
Thursday, 04 / 4 / 2024

Hyd. No. 14

TWIN 36IN PIPES (#2)

Hydrograph type	= Reservoir	Peak discharge	= 12.50 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.27 hrs
Time interval	= 2 min	Hyd. volume	= 57,780 cuft
Inflow hyd. No.	= 5 - PR WS-02D	Max. Elevation	= 139.20 ft
Reservoir name	= Northern Twin 36IN	Max. Storage	= 4,007 cuft

Storage Indication method used. Exfiltration extracted from Outflow.



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

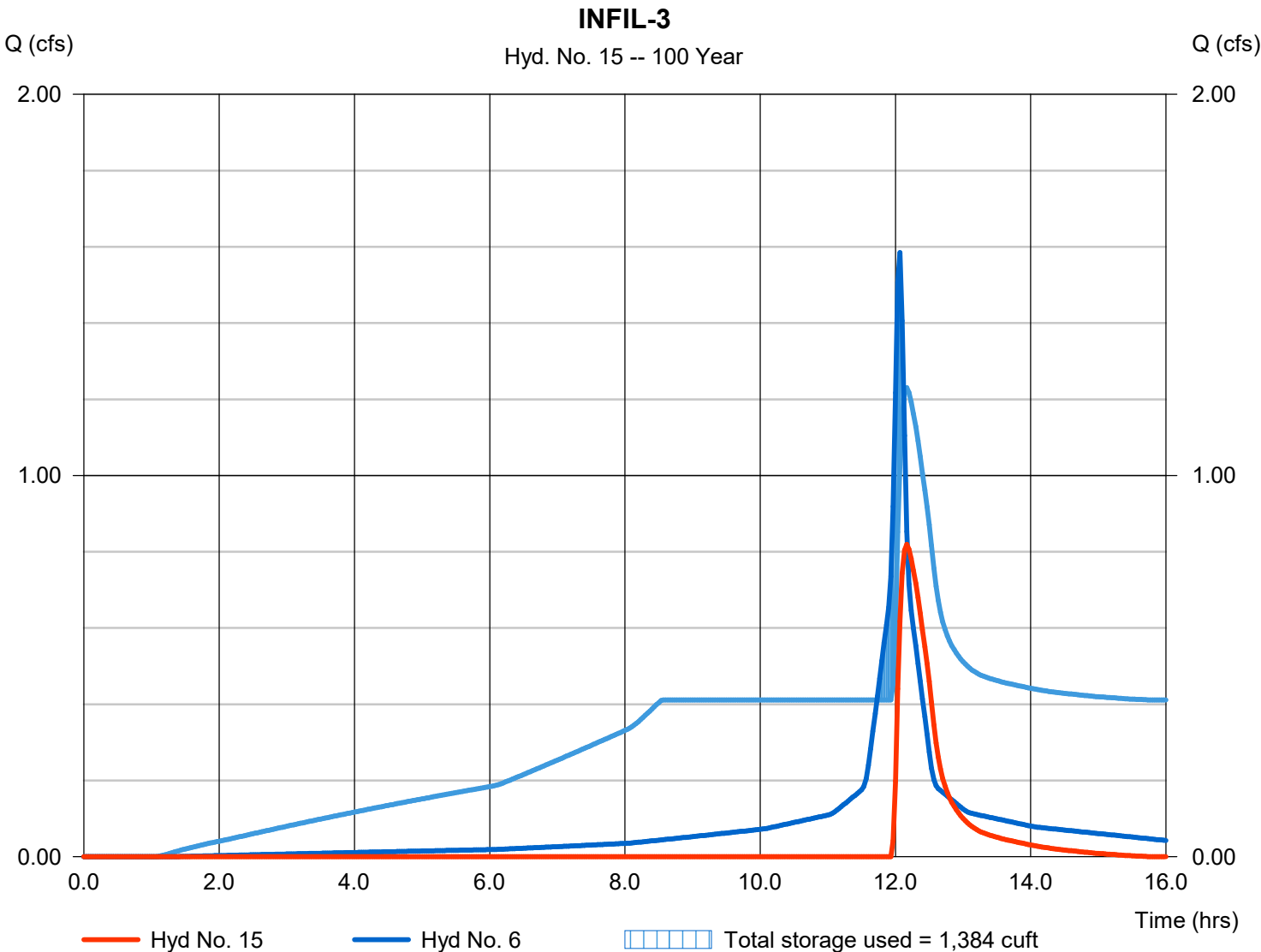
Thursday, 04 / 4 / 2024

Hyd. No. 15

INFIL-3

Hydrograph type	= Reservoir	Peak discharge	= 0.819 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.17 hrs
Time interval	= 2 min	Hyd. volume	= 1,844 cuft
Inflow hyd. No.	= 6 - PR WS-02E	Max. Elevation	= 137.75 ft
Reservoir name	= INFIL-3	Max. Storage	= 1,384 cuft

Storage Indication method used. Exfiltration extracted from Outflow.

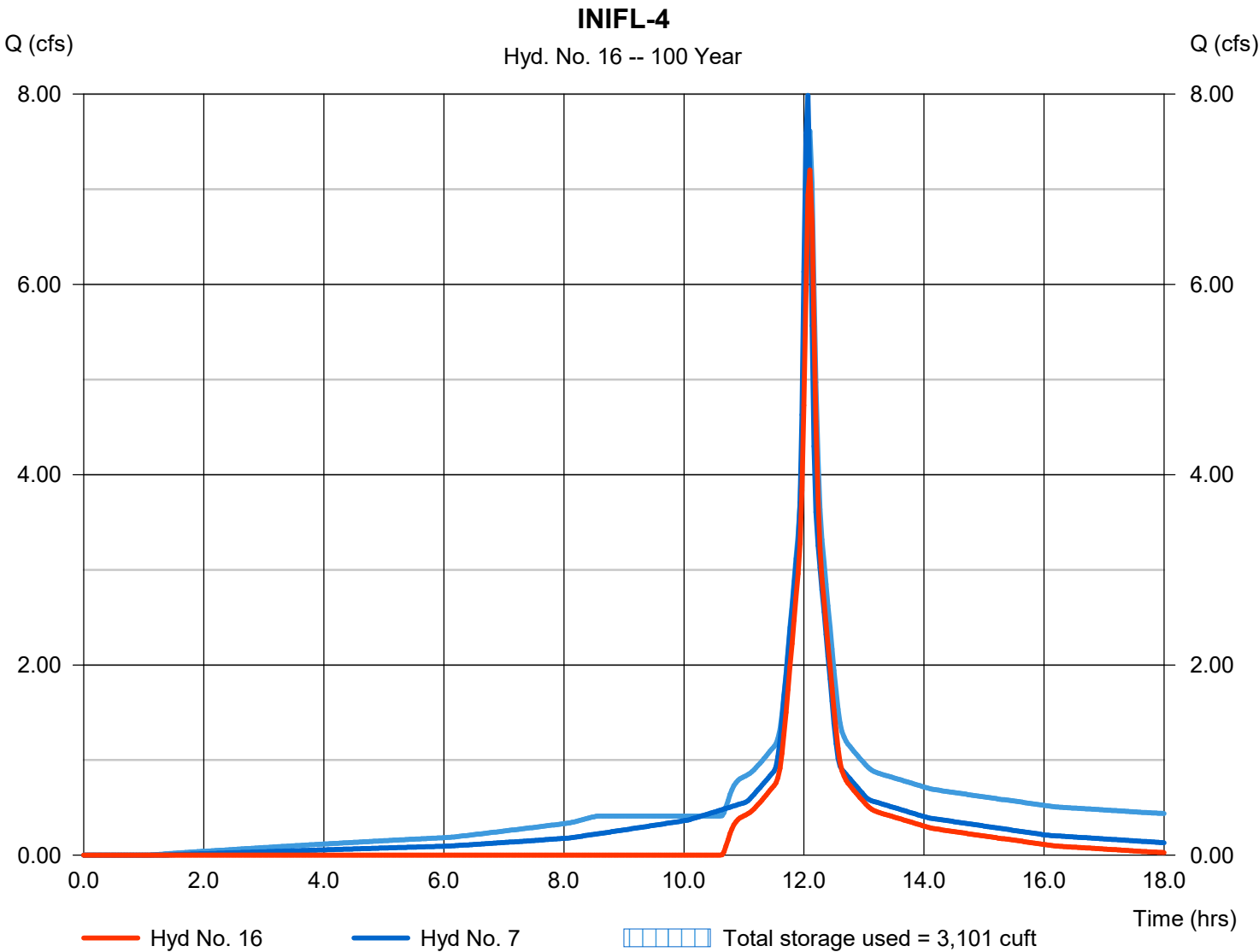


Hyd. No. 16

INIFL-4

Hydrograph type	= Reservoir	Peak discharge	= 7.203 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.10 hrs
Time interval	= 2 min	Hyd. volume	= 17,218 cuft
Inflow hyd. No.	= 7 - PR WS-02F	Max. Elevation	= 138.11 ft
Reservoir name	= INIFL-4	Max. Storage	= 3,101 cuft

Storage Indication method used. Exfiltration extracted from Outflow.



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

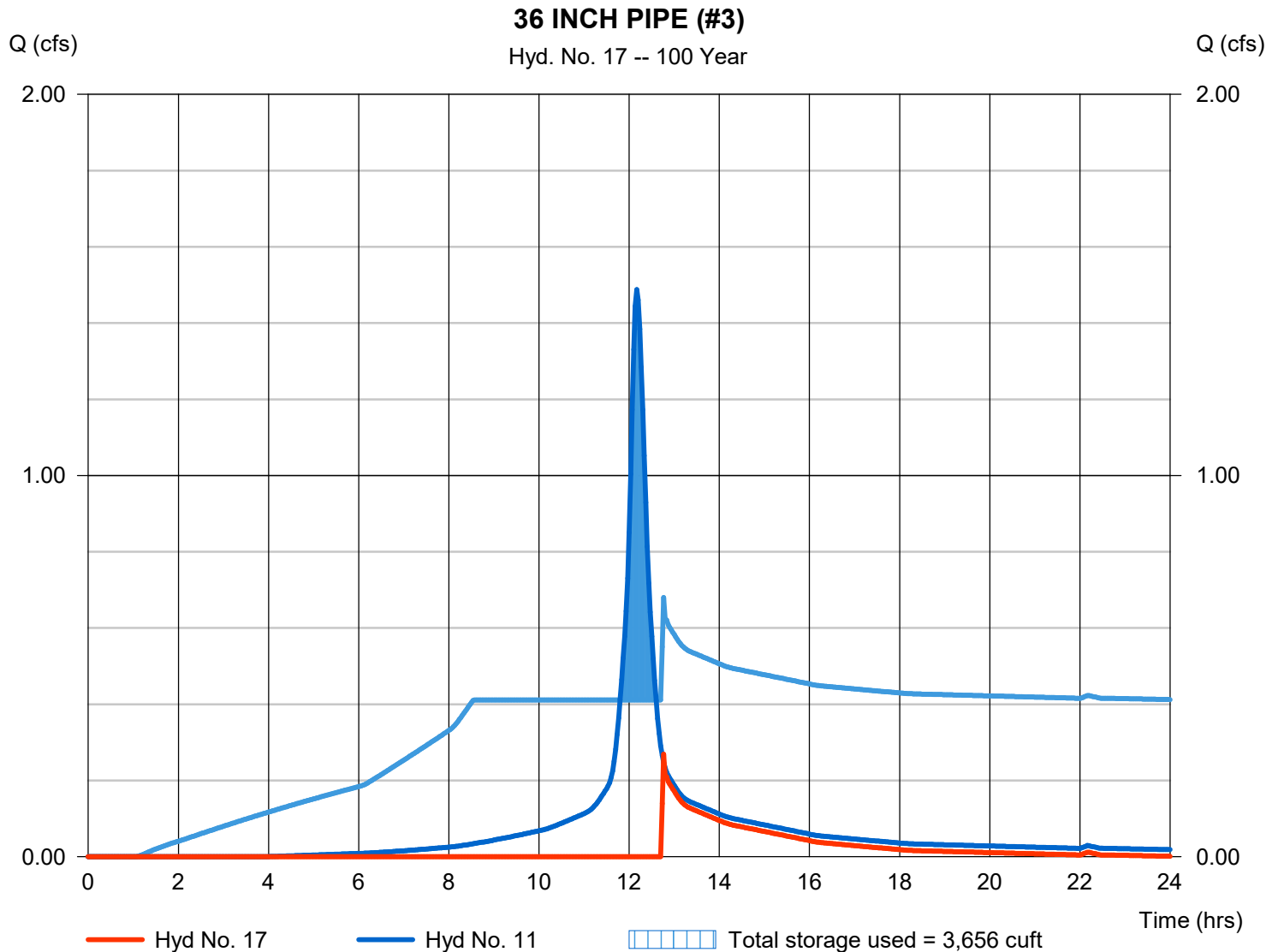
Thursday, 04 / 4 / 2024

Hyd. No. 17

36 INCH PIPE (#3)

Hydrograph type	= Reservoir	Peak discharge	= 0.269 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.77 hrs
Time interval	= 2 min	Hyd. volume	= 1,519 cuft
Inflow hyd. No.	= 11 - PR WS-02H	Max. Elevation	= 137.46 ft
Reservoir name	= 36IN - 3	Max. Storage	= 3,656 cuft

Storage Indication method used. Exfiltration extracted from Outflow.



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

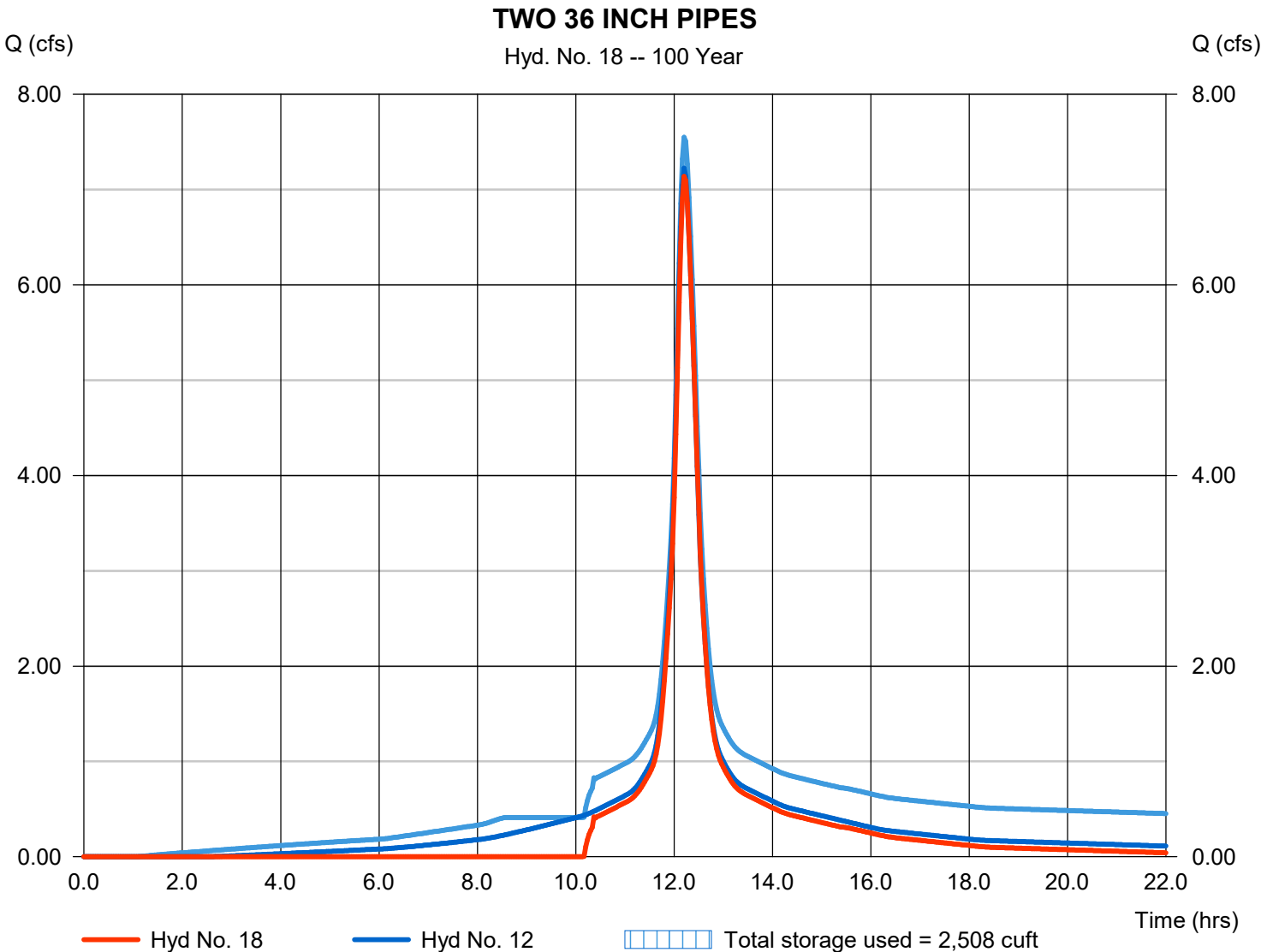
Thursday, 04 / 4 / 2024

Hyd. No. 18

TWO 36 INCH PIPES

Hydrograph type	= Reservoir	Peak discharge	= 7.140 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.20 hrs
Time interval	= 2 min	Hyd. volume	= 26,828 cuft
Inflow hyd. No.	= 12 - PR WS-02I	Max. Elevation	= 135.76 ft
Reservoir name	= TWIN 36IN	Max. Storage	= 2,508 cuft

Storage Indication method used. Exfiltration extracted from Outflow.



Hydrograph Report

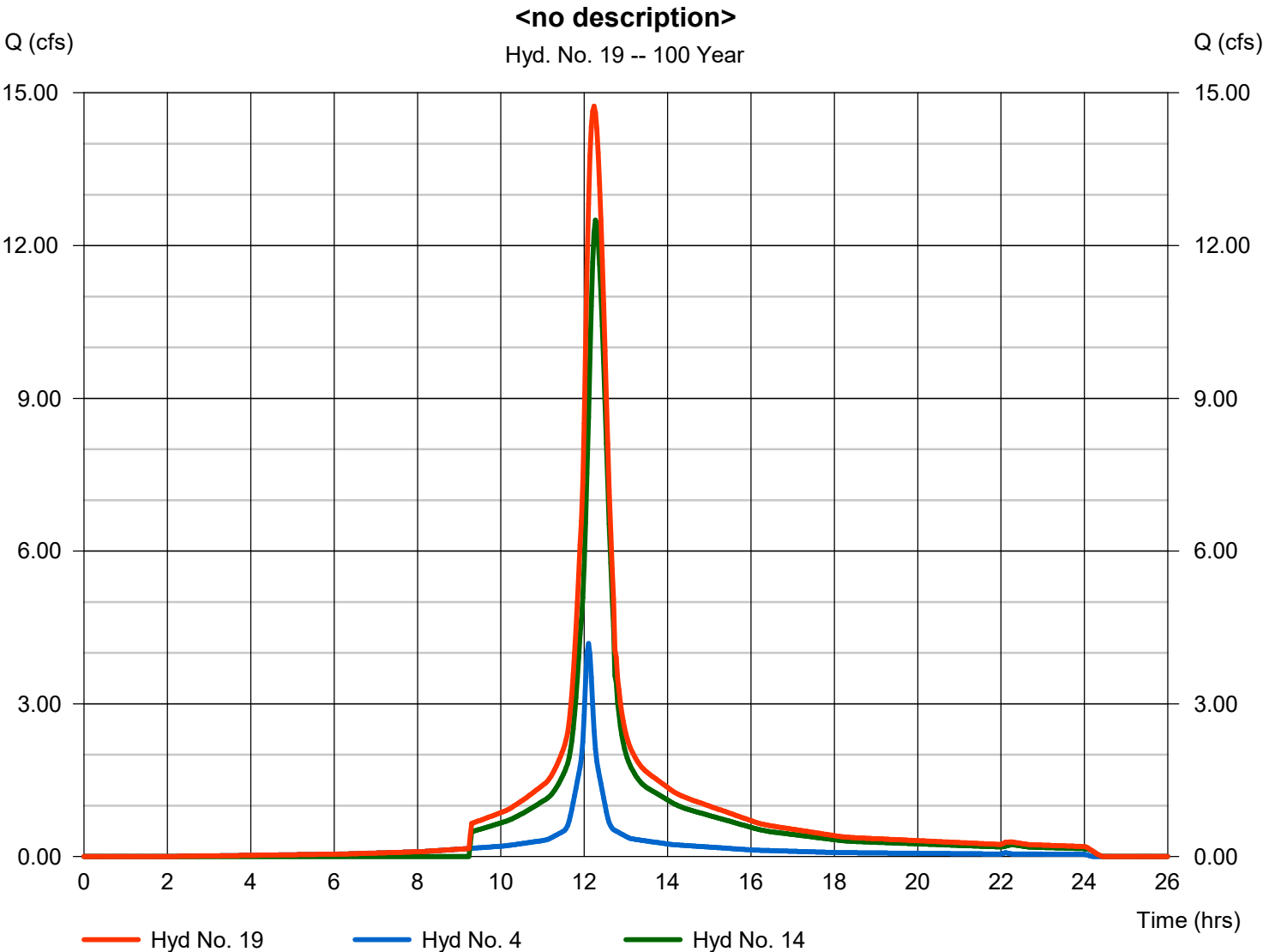
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 19

<no description>

Hydrograph type	= Combine	Peak discharge	= 14.74 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.23 hrs
Time interval	= 2 min	Hyd. volume	= 73,462 cuft
Inflow hyds.	= 4, 14	Contrib. drain. area	= 0.576 ac



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

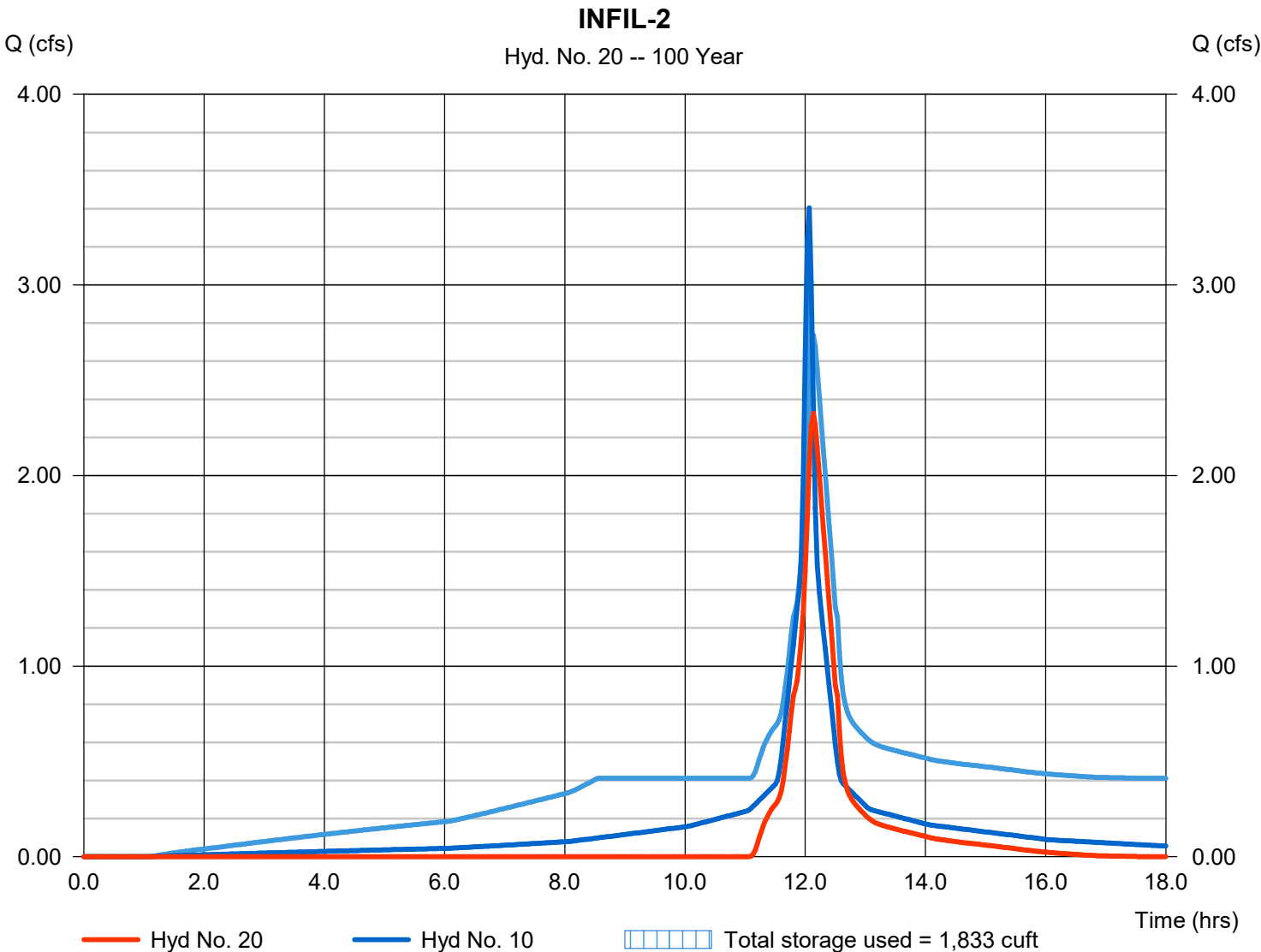
Thursday, 04 / 4 / 2024

Hyd. No. 20

INFIL-2

Hydrograph type	= Reservoir	Peak discharge	= 2.326 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.13 hrs
Time interval	= 2 min	Hyd. volume	= 6,392 cuft
Inflow hyd. No.	= 10 - PR WS-02G(II)	Max. Elevation	= 135.95 ft
Reservoir name	= INFIL-2	Max. Storage	= 1,833 cuft

Storage Indication method used. Exfiltration extracted from Outflow.



Hydrograph Report

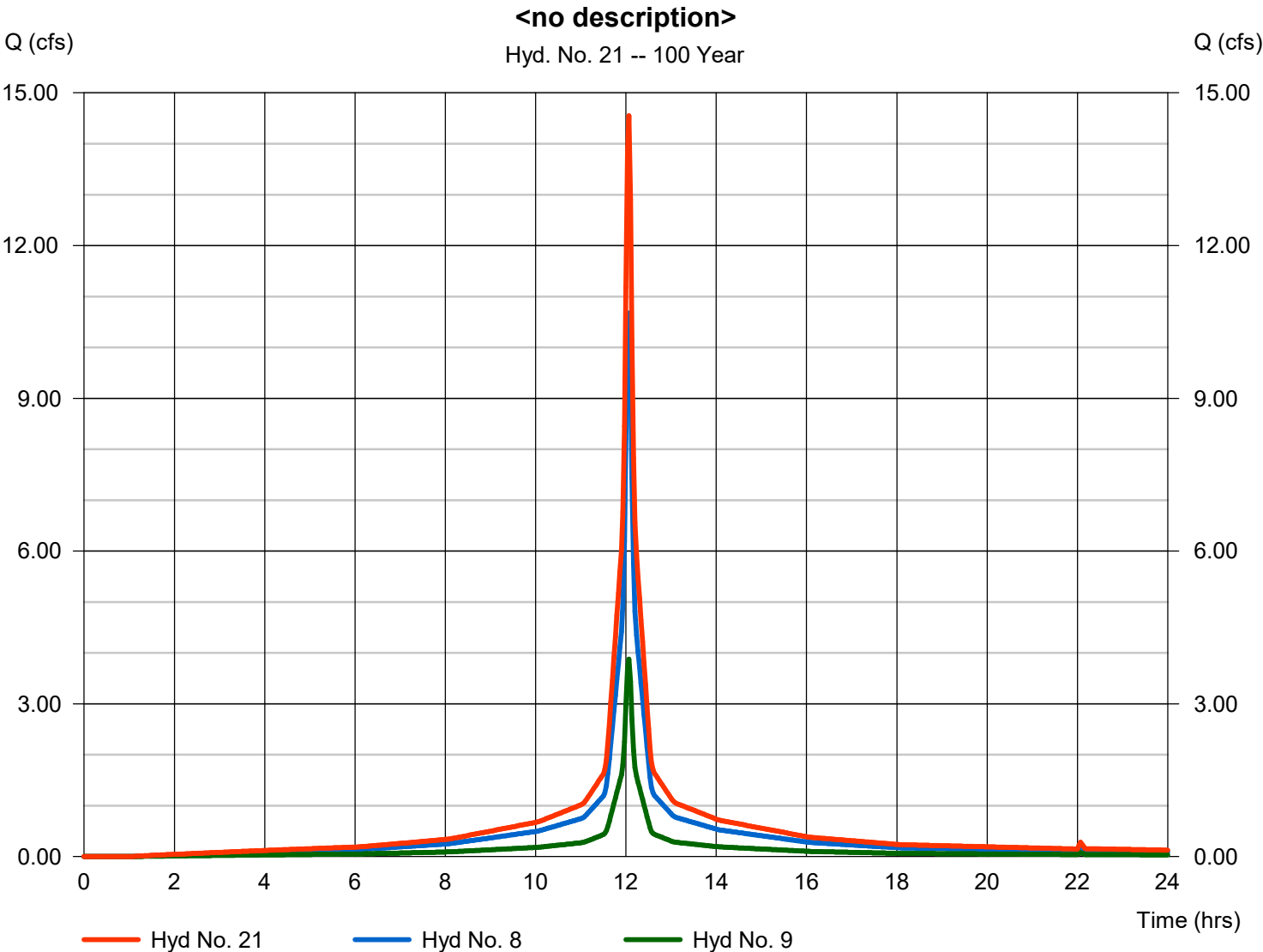
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 21

<no description>

Hydrograph type	= Combine	Peak discharge	= 14.55 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 49,619 cuft
Inflow hyds.	= 8, 9	Contrib. drain. area	= 1.855 ac



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

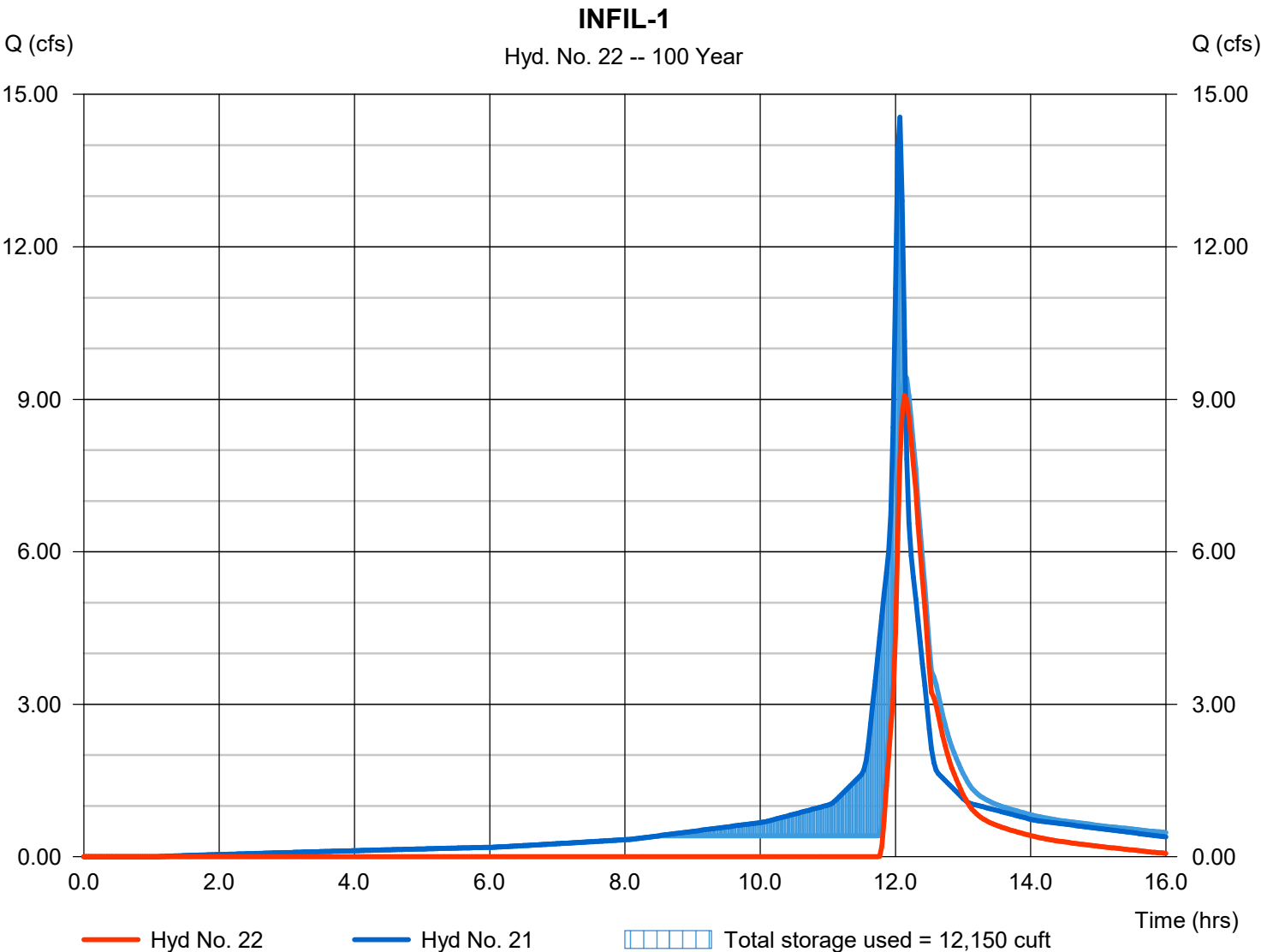
Thursday, 04 / 4 / 2024

Hyd. No. 22

INFIL-1

Hydrograph type	= Reservoir	Peak discharge	= 9.071 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.13 hrs
Time interval	= 2 min	Hyd. volume	= 21,971 cuft
Inflow hyd. No.	= 21 - <no description>	Max. Elevation	= 137.48 ft
Reservoir name	= INFIL-1	Max. Storage	= 12,150 cuft

Storage Indication method used. Exfiltration extracted from Outflow.



Hydrograph Report

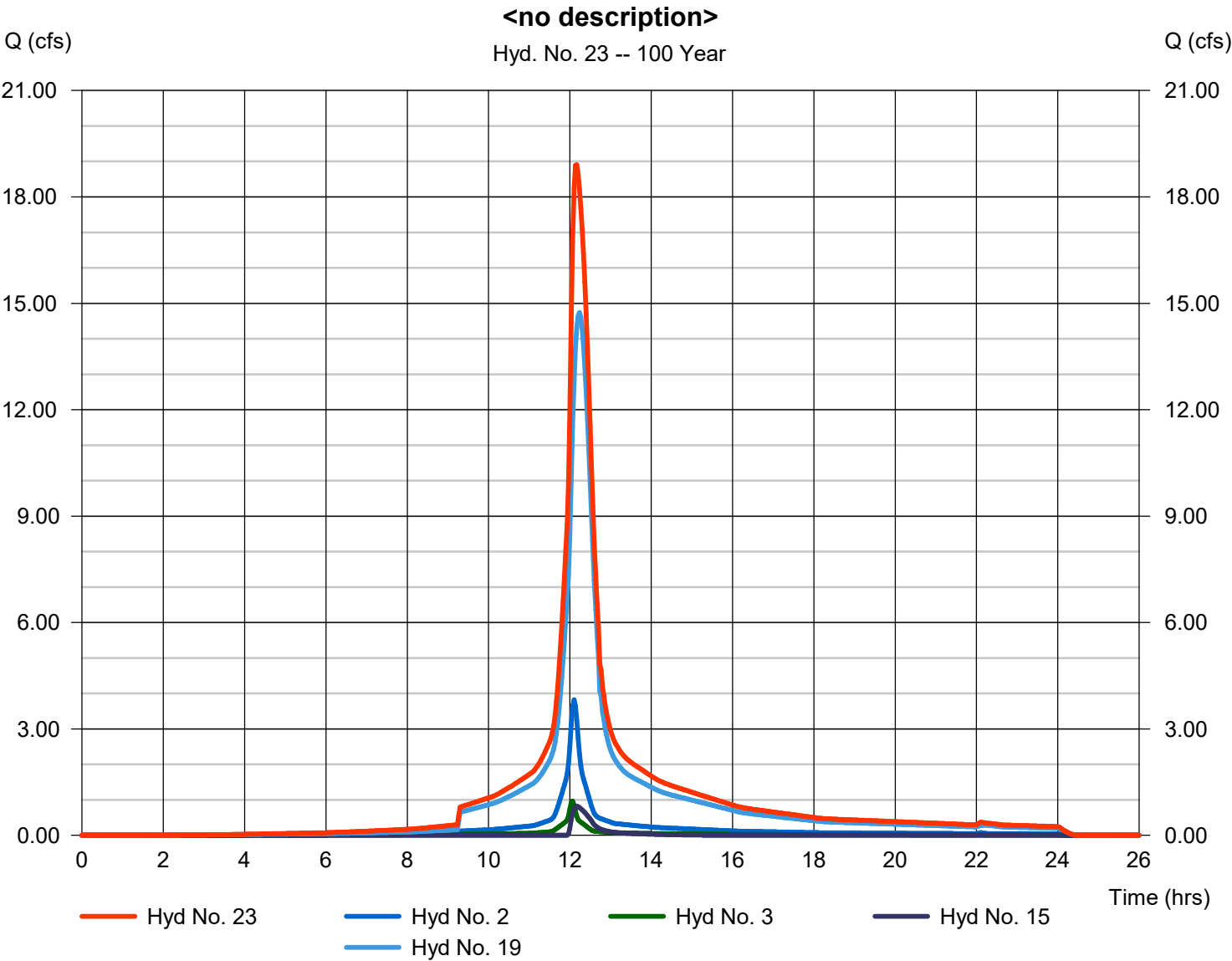
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 23

<no description>

Hydrograph type	= Combine	Peak discharge	= 18.90 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.17 hrs
Time interval	= 2 min	Hyd. volume	= 92,063 cuft
Inflow hyds.	= 2, 3, 15, 19	Contrib. drain. area	= 0.689 ac



Hydrograph Report

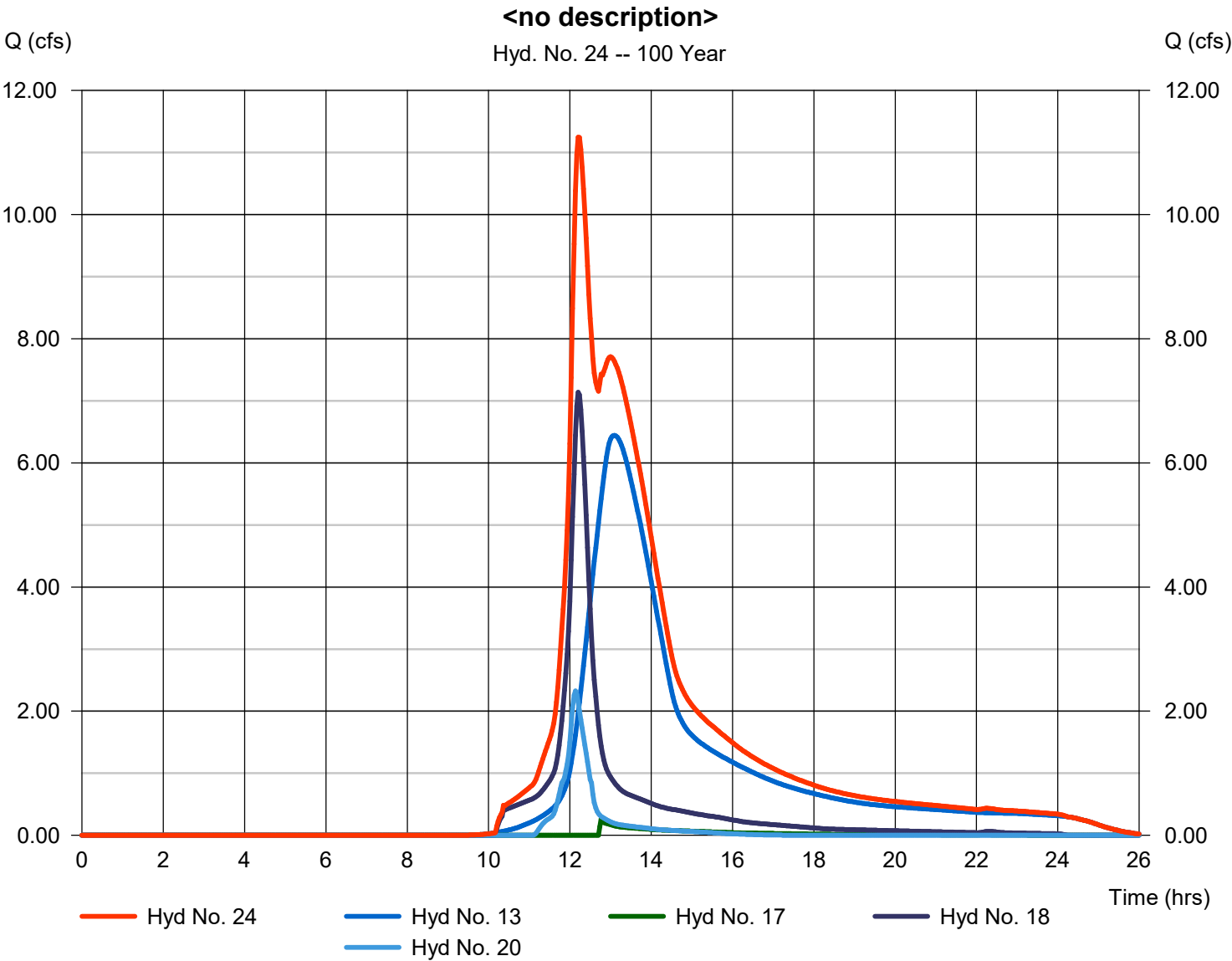
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2021

Thursday, 04 / 4 / 2024

Hyd. No. 24

<no description>

Hydrograph type	= Combine	Peak discharge	= 11.25 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.20 hrs
Time interval	= 2 min	Hyd. volume	= 101,553 cuft
Inflow hyds.	= 13, 17, 18, 20	Contrib. drain. area	= 4.837 ac



Hydrograph Report

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Thursday, 04 / 4 / 2024

Hyd. No. 25

<no description>

Hydrograph type	= Combine	Peak discharge	= 45.00 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.13 hrs
Time interval	= 2 min	Hyd. volume	= 232,805 cuft
Inflow hyds.	= 16, 22, 23, 24	Contrib. drain. area	= 0.000 ac

