

Hydrograph Summary Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2025

Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to Peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph Description
1	SCS Runoff	0.129	2	896	4,430	----	----	----	EX-DA 1
2	SCS Runoff	3.627	2	724	13,895	----	----	----	EX-DA2
3	SCS Runoff	1.271	2	736	15,096	----	----	----	EX-DA3
4	SCS Runoff	9.002	2	722	24,306	----	----	----	EX-DA4
5	SCS Runoff	0.009	2	1440	144	----	----	----	EX-DA5
6	SCS Runoff	2.945	2	720	7,701	----	----	----	EX-DA-Road Widening
7	Combine	16.07	2	722	65,571	1, 2, 3, 4, 5, 6	----	----	EX-TOTAL
8	SCS Runoff	37.88	2	716	82,858	----	----	----	PR-DA-A
9	SCS Runoff	47.87	2	716	104,708	----	----	----	PR-DA-B
10	SCS Runoff	70.60	2	718	162,535	----	----	----	PR-DA-C
11	Reservoir	0.677	2	948	70,851	8	290.44	60,501	BMP A Routing
12	Reservoir	1.058	2	898	93,228	9	286.62	73,046	BMP B Routing
13	SCS Runoff	11.08	2	718	22,169	----	----	----	PR-DA-E
14	Reservoir	0.320	2	916	18,858	13	257.10	13,608	BMP E Routing
15	Combine	72.15	2	718	326,613	10, 11, 12,	----	----	BMP C INFLOW
16	Reservoir	2.896	2	1086	283,871	15	216.79	133,049	MRC BMP C Routing(DP1)
17	SCS Runoff	1.516	2	718	4,390	----	----	----	PR-BYPASS 1
18	SCS Runoff	0.739	2	720	1,926	----	----	----	PR RG
19	SCS Runoff	0.000	2	n/a	0	----	----	----	PR-BYPASS 2
20	SCS Runoff	0.302	2	720	1,438	----	----	----	PR-BYPASS 3
21	SCS Runoff	4.753	2	718	12,217	----	----	----	PR-Road Widening
22	Combine	5.457	2	718	33,001	14, 18, 21	----	----	BMP E Outflow + PR Road Widening
23	Reservoir	0.440	2	948	19,987	22	232.67	13,534	RG Routing (DP2)
24	Combine	1.777	2	720	5,828	17, 19, 20,	----	----	PR-BYPASS
25	Combine	3.667	2	1004	328,544	14, 16, 23, 24	----	----	PROPOSED ENTIRE SITE (POI)
26	Combine	3.627	2	724	18,325	1, 2,	----	----	EX-to- Bushkill
27	Combine	1.777	2	720	5,828	17, 20,	----	----	PR-to-Bushkill
28	Combine	12.48	2	722	47,246	3, 4, 5, 6,	----	----	EX-to-UNT
29	Combine	3.304	2	1036	305,785	16, 18, 19, 23,	----	----	PR-to-UNT (DPs 001& 002)

24hours_Sep for LVPC.gpw

Return Period: 1 Year

Wednesday, 01 / 29 / 2025