

Hydrograph Return Period Recap

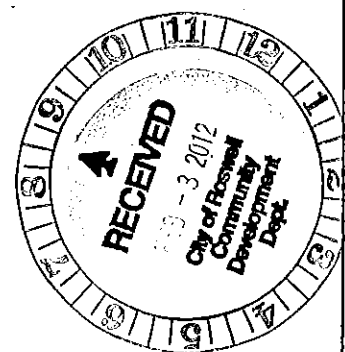
Hydroflow Hydrographs Extension for AutoCAD® Civil 3D® 2010 by Autodesk, Inc. v9.25

Hyd. No.	Hydrograph type (origin)	Inflow hyd(s)	Peak Outflow (cfs)								Hydrograph Description
			1-yr	2-yr	3-yr	5-yr	10-yr	25-yr	50-yr	100-yr	
1	SCS Runoff	-----	0.772	1.081	-----	1.762	2.313	3.084	3.689	4.100	Pre Area 1
2	SCS Runoff	-----	0.798	1.112	-----	1.803	2.362	3.150	3.765	4.183	Pre Area 2
4	SCS Runoff	-----	1.254	1.514	-----	2.039	2.434	2.960	3.353	3.614	Post Dev 1
5	SCS Runoff	-----	0.149	0.176	-----	0.229	0.269	0.321	0.361	0.387	Direct Runoff
6	Reservoir	4	0.845	0.989	-----	1.609	2.129	2.602	2.996	3.253	Pond 1 Discharge
7	Combine	5, 6	0.897	1.051	-----	1.700	2.293	2.802	3.220	3.493	Tot Area 1 Post
9	SCS Runoff	-----	4.354	5.152	-----	6.741	7.927	9.499	10.67	11.45	Post Dev 2
10	SCS Runoff	-----	0.092	0.116	-----	0.167	0.206	0.259	0.299	0.326	Basin 2 Direct Runoff
11	Reservoir	9	0.000	0.045	-----	0.185	0.417	0.784	1.010	1.122	Pond 2 Discharge
12	Combine	10, 11	0.092	0.116	-----	0.192	0.433	0.920	1.223	1.377	Total Post Area 2
Proj. file: Roswell Magnolia rev 2-1-12.gpw									Wednesday, Feb 1, 2012		

Hydrograph Summary Report

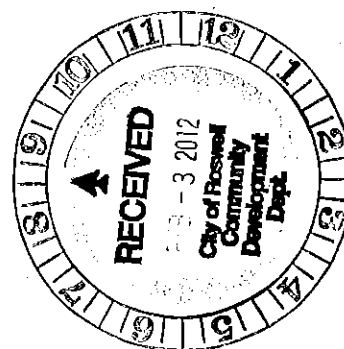
Hydrallow Hydrographs Extension for AutoCAD® Civil 3D® 2010 by Autodesk, Inc. v9.25

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	0.772	2	732	3,510	-----	-----	-----	Pre Area 1
2	SCS Runoff	0.798	2	728	3,090	-----	-----	-----	Pre Area 2
4	SCS Runoff	1.254	2	726	4,332	-----	-----	-----	Post Dev 1
5	SCS Runoff	0.149	2	722	426	-----	-----	-----	Direct Runoff
6	Reservoir	0.845	2	736	2,656	4	1075.14	1,418	Pond 1 Discharge
7	Combine	0.897	2	734	3,082	5, 6	-----	-----	Tot Area 1 Post
9	SCS Runoff	4.354	2	716	9,069	-----	-----	-----	Post Dev 2
10	SCS Runoff	0.092	2	720	240	-----	-----	-----	Basin 2 Direct Runoff
11	Reservoir	0.000	2	n/a	0	9	1080.31	9,069	Pond 2 Discharge
12	Combine	0.092	2	720	240	10, 11	-----	-----	Total Post Area 2
Roswell Magnolia rev 2-1-12.gpw					Return Period: 1 Year			Wednesday, Feb 1, 2012	



Hydrograph Summary Report

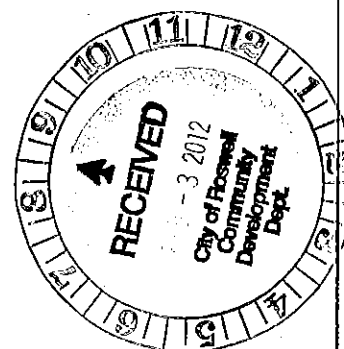
Hydroflow Hydrographs Extension for AutoCAD® Civil 3D® 2010 by Autodesk, Inc. v9.25

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	1.081	2	732	4,689	-----	-----	-----	Pre Area 1
2	SCS Runoff	1.112	2	728	4,128	-----	-----	-----	Pre Area 2
4	SCS Runoff	1.514	2	726	5,245	-----	-----	-----	Post Dev 1
5	SCS Runoff	0.176	2	722	507	-----	-----	-----	Direct Runoff
6	Reservoir	0.989	2	736	3,546	4	1075.43	1,631	Pond 1 Discharge
7	Combine	1.051	2	734	4,053	5, 6	-----	-----	Tot Area 1 Post
9	SCS Runoff	5.162	2	716	10,832	-----	-----	-----	Post Dev 2
10	SCS Runoff	0.116	2	720	302	-----	-----	-----	Basin 2 Direct Runoff
11	Reservoir	0.045	2	1384	1,450	9	1080.62	10,065	Pond 2 Discharge
12	Combine	0.116	2	720	1,752	10, 11	-----	-----	Total Post Area 2
									
Roswell Magnolia rev 2-1-12.gpw					Return Period: 2 Year			Wednesday, Feb 1, 2012	

Hydrograph Summary Report

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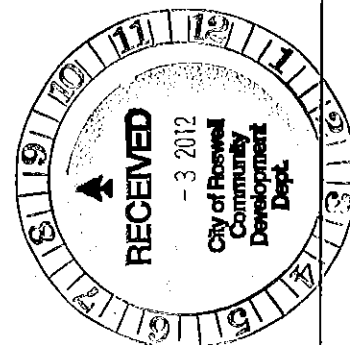
Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to Peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph Description
1	SCS Runoff	1.762	2	732	7,306	-----	-----	-----	Pre Area 1
2	SCS Runoff	1.803	2	728	6,432	-----	-----	-----	Pre Area 2
4	SCS Runoff	2.039	2	726	7,117	-----	-----	-----	Post Dev 1
5	SCS Runoff	0.229	2	722	670	-----	-----	-----	Direct Runoff
6	Reservoir	1.609	2	734	5,363	4	1075.91	1,975	Pond 1 Discharge
7	Combine	1.700	2	734	6,033	5, 6	-----	-----	Tot Area 1 Post
9	SCS Runoff	6.741	2	716	14,416	-----	-----	-----	Post Dev 2
10	SCS Runoff	0.167	2	720	433	-----	-----	-----	Basin 2 Direct Runoff
11	Reservoir	0.185	2	842	5,034	9	1080.76	10,521	Pond 2 Discharge
12	Combine	0.192	2	840	5,467	10, 11	-----	-----	Total Post Area 2
Roswell Magnolia rev 2-1-12.gpw					Return Period: 5 Year			Wednesday, Feb 1, 2012	



Hydrograph Summary Report

Hydrflow Hydrographs Extension for AutoCAD® Civil 3D® 2010 by Autodesk, Inc. v9.25

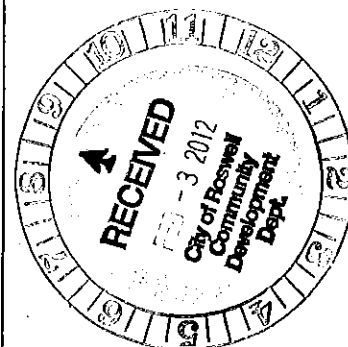
Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to Peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph Description
1	SCS Runoff	2.313	2	732	9,442	-----	-----	-----	Pre Area 1
2	SCS Runoff	2.362	2	728	8,312	-----	-----	-----	Pre Area 2
4	SCS Runoff	2.434	2	726	8,549	-----	-----	-----	Post Dev 1
5	SCS Runoff	0.269	2	722	794	-----	-----	-----	Direct Runoff
6	Reservoir	2.129	2	732	6,762	4	1076.02	2,066	Pond 1 Discharge
7	Combine	2.293	2	730	7,556	5, 6	-----	-----	Tot Area 1 Post
9	SCS Runoff	7.927	2	716	17,139	-----	-----	-----	Post Dev 2
10	SCS Runoff	0.206	2	720	536	-----	-----	-----	Basin 2 Direct Runoff
11	Reservoir	0.417	2	770	7,757	9	1080.95	11,174	Pond 2 Discharge
12	Combine	0.433	2	768	8,293	10, 11	-----	-----	Total Post Area 2
Roswell Magnolia rev 2-1-12.gpw					Return Period: 10 Year			Wednesday, Feb 1, 2012	



Hydrograph Summary Report

Hydralflow Hydrographs Extension for AutoCAD® Civil 3D® 2010 by Autodesk, Inc. v9.25

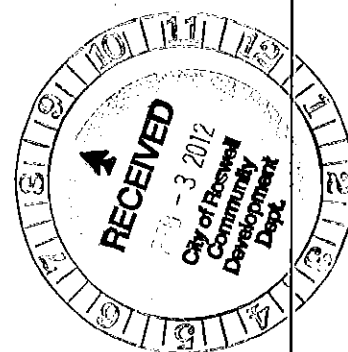
Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to Peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph Description
1	SCS Runoff	3.084	2	732	12,480	-----	-----	-----	Pre Area 1
2	SCS Runoff	3.150	2	726	10,969	-----	-----	-----	Pre Area 2
4	SCS Runoff	2.960	2	726	10,483	-----	-----	-----	Post Dev 1
5	SCS Runoff	0.321	2	722	961	-----	-----	-----	Direct Runoff
6	Reservoir	2.602	2	730	8,661	4	1076.10	2,218	Pond 1 Discharge
7	Combine	2.802	2	730	9,621	5, 6	-----	-----	Tot Area 1 Post
9	SCS Runoff	9.499	2	716	20,798	-----	-----	-----	Post Dev 2
10	SCS Runoff	0.259	2	720	677	-----	-----	-----	Basin 2 Direct Runoff
11	Reservoir	0.784	2	746	11,415	9	1081.44	12,766	Pond 2 Discharge
12	Combine	0.920	2	724	12,093	10, 11	-----	-----	Total Post Area 2
Roswell Magnolia rev 2-1-12.gpw					Return Period: 25 Year		Wednesday, Feb 1, 2012		



Hydrograph Summary Report

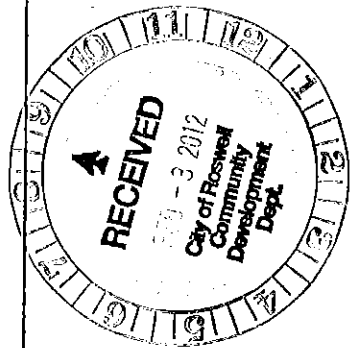
Hydrflow Hydrographs Extension for AutoCAD® Civil 3D® 2010 by Autodesk, Inc. v9.25

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	3.689	2	730	14,822	----	----	----	Pre Area 1
2	SCS Runoff	3.765	2	726	13,048	----	----	----	Pre Area 2
4	SCS Runoff	3.353	2	726	11,947	----	----	----	Post Dev 1
5	SCS Runoff	0.361	2	722	1,086	----	----	----	Direct Runoff
6	Reservoir	2.996	2	730	10,102	4	1076.16	2,330	Pond 1 Discharge
7	Combine	3.220	2	730	11,188	5, 6	----	----	Tot Area 1 Post
9	SCS Runoff	10.67	2	716	23,557	----	----	----	Post Dev 2
10	SCS Runoff	0.299	2	720	785	----	----	----	Basin 2 Direct Runoff
11	Reservoir	1.010	2	742	14,175	9	1081.90	14,254	Pond 2 Discharge
12	Combine	1.223	2	724	14,960	10, 11	----	----	Total Post Area 2
Roswell Magnolia rev 2-1-12.gpw					Return Period: 50 Year			Wednesday, Feb 1, 2012	



Hydrograph Summary Report

Hydrallow Hydrographs Extension for AutoCAD® Civil 3D® 2010 by Autodesk, Inc. v9.25

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	4.100	2	730	16,436	---	---	---	Pre Area 1
2	SCS Runoff	4.183	2	726	14,469	---	---	---	Pre Area 2
4	SCS Runoff	3.614	2	726	12,928	---	---	---	Post Dev 1
5	SCS Runoff	0.387	2	722	1,169	---	---	---	Direct Runoff
6	Reservoir	3.253	2	730	11,069	4	1076.19	2,402	Pond 1 Discharge
7	Combine	3.493	2	730	12,239	5, 6	---	---	Tot Area 1 Post
9	SCS Runoff	11.45	2	716	25,402	---	---	---	Post Dev 2
10	SCS Runoff	0.326	2	720	858	---	---	---	Basin 2 Direct Runoff
11	Reservoir	1.122	2	740	16,020	9	1082.16	15,311	Pond 2 Discharge
12	Combine	1.377	2	724	16,878	10, 11	---	---	Total Post Area 2
									
Roswell Magnolia rev 2-1-12.gpw					Return Period: 100 Year			Wednesday, Feb 1, 2012	