

A

ANALYSIS POINT A:
CB at Kennebec and
Alder

1S

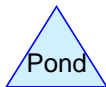
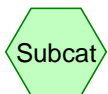
building and parking

2S

Hanover Street

B

ANALYSIS POINT B:
CB in Hanover



Routing Diagram for Bayside Bowl POST Development
Prepared by {enter your company name here}, Printed 3/23/2015
HydroCAD® 10.00-12 s/n 05121 © 2014 HydroCAD Software Solutions LLC

Bayside Bowl POST Development

Prepared by {enter your company name here}

HydroCAD® 10.00-12 s/n 05121 © 2014 HydroCAD Software Solutions LLC

Printed 3/23/2015

Page 2

Area Listing (all nodes)

Area (acres)	CN	Description (subcatchment-numbers)
0.177	61	>75% Grass cover, Good, HSG B (1S, 2S)
1.093	98	Paved parking & roofs (1S, 2S)
1.269	93	TOTAL AREA

Bayside Bowl POST Development

Prepared by {enter your company name here}

HydroCAD® 10.00-12 s/n 05121 © 2014 HydroCAD Software Solutions LLC

Printed 3/23/2015

Page 3

Soil Listing (all nodes)

Area (acres)	Soil Group	Subcatchment Numbers
0.000	HSG A	
0.177	HSG B	1S, 2S
0.000	HSG C	
0.000	HSG D	
1.093	Other	1S, 2S
1.269		TOTAL AREA

Bayside Bowl POST Development

Prepared by {enter your company name here}

HydroCAD® 10.00-12 s/n 05121 © 2014 HydroCAD Software Solutions LLC

Printed 3/23/2015

Page 4

Ground Covers (all nodes)

HSG-A (acres)	HSG-B (acres)	HSG-C (acres)	HSG-D (acres)	Other (acres)	Total (acres)	Ground Cover	Subcatchment Numbers
0.000	0.177	0.000	0.000	0.000	0.177	>75% Grass cover, Good	1S, 2S
0.000	0.000	0.000	0.000	1.093	1.093	Paved parking & roofs	1S, 2S
0.000	0.177	0.000	0.000	1.093	1.269	TOTAL AREA	

Bayside Bowl POST Development

Type III 24-hr 1-inch Rainfall=1.00"

Prepared by {enter your company name here}

Printed 3/23/2015

HydroCAD® 10.00-12 s/n 05121 © 2014 HydroCAD Software Solutions LLC

Page 5

Time span=2.00-20.00 hrs, dt=0.01 hrs, 1801 points x 3
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Dyn-Stor-Ind method - Pond routing by Dyn-Stor-Ind method

Subcatchment1S: building and parking Runoff Area=51,053 sf 90.04% Impervious Runoff Depth>0.47"
Flow Length=424' Tc=7.1 min CN=94 Runoff=0.66 cfs 0.046 af

Subcatchment2S: Hanover Street Runoff Area=4,239 sf 38.41% Impervious Runoff Depth>0.02"
Flow Length=275' Tc=6.0 min CN=75 Runoff=0.00 cfs 0.000 af

Reach A: ANALYSISPOINT A: CB at Kennebec and Alder Inflow=0.66 cfs 0.046 af
Outflow=0.66 cfs 0.046 af

Reach B: ANALYSISPOINT B: CB in Hanover Inflow=0.00 cfs 0.000 af
Outflow=0.00 cfs 0.000 af

Total Runoff Area = 1.269 ac Runoff Volume = 0.046 af Average Runoff Depth = 0.43"
13.92% Pervious = 0.177 ac 86.08% Impervious = 1.093 ac

Bayside Bowl POST Development

Type III 24-hr 1-inch Rainfall=1.00"

Prepared by {enter your company name here}

Printed 3/23/2015

HydroCAD® 10.00-12 s/n 05121 © 2014 HydroCAD Software Solutions LLC

Page 6

Summary for Subcatchment 1S: building and parking

Runoff = 0.66 cfs @ 12.10 hrs, Volume= 0.046 af, Depth> 0.47"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 2.00-20.00 hrs, dt= 0.01 hrs
Type III 24-hr 1-inch Rainfall=1.00"

Area (sf)	CN	Description
45,968	98	Paved parking & roofs
5,085	61	>75% Grass cover, Good, HSG B
51,053	94	Weighted Average
5,085		9.96% Pervious Area
45,968		90.04% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
3.1	153	0.0050	0.83		Sheet Flow, A-B roof Smooth surfaces n= 0.011 P2= 3.00"
0.1	16	0.0310	2.83		Shallow Concentrated Flow, B-C planted bed to parking Unpaved Kv= 16.1 fps
0.5	60	0.0100	2.03		Shallow Concentrated Flow, C-D Parking to swale Paved Kv= 20.3 fps
3.4	195	0.0040	0.95		Shallow Concentrated Flow, D-E swale Grassed Waterway Kv= 15.0 fps
7.1	424	Total			

Summary for Subcatchment 2S: Hanover Street

Runoff = 0.00 cfs @ 13.78 hrs, Volume= 0.000 af, Depth> 0.02"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 2.00-20.00 hrs, dt= 0.01 hrs
Type III 24-hr 1-inch Rainfall=1.00"

Area (sf)	CN	Description
1,628	98	Paved parking & roofs
2,611	61	>75% Grass cover, Good, HSG B
4,239	75	Weighted Average
2,611		61.59% Pervious Area
1,628		38.41% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.8	108	0.0030	0.63		Sheet Flow, A-B pavement Smooth surfaces n= 0.011 P2= 3.00"
1.0	167	0.0200	2.87		Shallow Concentrated Flow, B-C gutter Paved Kv= 20.3 fps
3.8	275	Total, Increased to minimum Tc = 6.0 min			

Bayside Bowl POST Development

Type III 24-hr 1-inch Rainfall=1.00"

Prepared by {enter your company name here}

Printed 3/23/2015

HydroCAD® 10.00-12 s/n 05121 © 2014 HydroCAD Software Solutions LLC

Page 7

Summary for Reach A: ANALYSIS POINT A: CB at Kennebec and Alder

Inflow Area = 1.172 ac, 90.04% Impervious, Inflow Depth > 0.47" for 1-inch event
Inflow = 0.66 cfs @ 12.10 hrs, Volume= 0.046 af
Outflow = 0.66 cfs @ 12.10 hrs, Volume= 0.046 af, Atten= 0%, Lag= 0.0 min

Routing by Dyn-Stor-Ind method, Time Span= 2.00-20.00 hrs, dt= 0.01 hrs / 3

Summary for Reach B: ANALYSIS POINT B: CB in Hanover

Inflow Area = 0.097 ac, 38.41% Impervious, Inflow Depth > 0.02" for 1-inch event
Inflow = 0.00 cfs @ 13.78 hrs, Volume= 0.000 af
Outflow = 0.00 cfs @ 13.78 hrs, Volume= 0.000 af, Atten= 0%, Lag= 0.0 min

Routing by Dyn-Stor-Ind method, Time Span= 2.00-20.00 hrs, dt= 0.01 hrs / 3

Bayside Bowl POST Development

Type III 24-hr 2-Year Rainfall=3.00"

Prepared by {enter your company name here}

Printed 3/23/2015

HydroCAD® 10.00-12 s/n 05121 © 2014 HydroCAD Software Solutions LLC

Page 8

Time span=2.00-20.00 hrs, dt=0.01 hrs, 1801 points x 3
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Dyn-Stor-Ind method - Pond routing by Dyn-Stor-Ind method

Subcatchment1S: building and parking Runoff Area=51,053 sf 90.04% Impervious Runoff Depth>2.22"
Flow Length=424' Tc=7.1 min CN=94 Runoff=2.99 cfs 0.217 af

Subcatchment2S: Hanover Street Runoff Area=4,239 sf 38.41% Impervious Runoff Depth>0.88"
Flow Length=275' Tc=6.0 min CN=75 Runoff=0.10 cfs 0.007 af

Reach A: ANALYSISPOINT A: CB at Kennebec and Alder Inflow=2.99 cfs 0.217 af
Outflow=2.99 cfs 0.217 af

Reach B: ANALYSISPOINT B: CB in Hanover Inflow=0.10 cfs 0.007 af
Outflow=0.10 cfs 0.007 af

Total Runoff Area = 1.269 ac Runoff Volume = 0.224 af Average Runoff Depth = 2.12"
13.92% Pervious = 0.177 ac 86.08% Impervious = 1.093 ac

Bayside Bowl POST Development

Type III 24-hr 2-Year Rainfall=3.00"

Prepared by {enter your company name here}

Printed 3/23/2015

HydroCAD® 10.00-12 s/n 05121 © 2014 HydroCAD Software Solutions LLC

Page 9

Summary for Subcatchment 1S: building and parking

Runoff = 2.99 cfs @ 12.10 hrs, Volume= 0.217 af, Depth> 2.22"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 2.00-20.00 hrs, dt= 0.01 hrs
Type III 24-hr 2-Year Rainfall=3.00"

Area (sf)	CN	Description
45,968	98	Paved parking & roofs
5,085	61	>75% Grass cover, Good, HSG B
51,053	94	Weighted Average
5,085		9.96% Pervious Area
45,968		90.04% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
3.1	153	0.0050	0.83		Sheet Flow, A-B roof Smooth surfaces n= 0.011 P2= 3.00"
0.1	16	0.0310	2.83		Shallow Concentrated Flow, B-C planted bed to parking Unpaved Kv= 16.1 fps
0.5	60	0.0100	2.03		Shallow Concentrated Flow, C-D Parking to swale Paved Kv= 20.3 fps
3.4	195	0.0040	0.95		Shallow Concentrated Flow, D-E swale Grassed Waterway Kv= 15.0 fps
7.1	424	Total			

Summary for Subcatchment 2S: Hanover Street

Runoff = 0.10 cfs @ 12.10 hrs, Volume= 0.007 af, Depth> 0.88"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 2.00-20.00 hrs, dt= 0.01 hrs
Type III 24-hr 2-Year Rainfall=3.00"

Area (sf)	CN	Description
1,628	98	Paved parking & roofs
2,611	61	>75% Grass cover, Good, HSG B
4,239	75	Weighted Average
2,611		61.59% Pervious Area
1,628		38.41% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.8	108	0.0030	0.63		Sheet Flow, A-B pavement Smooth surfaces n= 0.011 P2= 3.00"
1.0	167	0.0200	2.87		Shallow Concentrated Flow, B-C gutter Paved Kv= 20.3 fps
3.8	275	Total, Increased to minimum Tc = 6.0 min			

Bayside Bowl POST Development

Type III 24-hr 2-Year Rainfall=3.00"

Prepared by {enter your company name here}

Printed 3/23/2015

HydroCAD® 10.00-12 s/n 05121 © 2014 HydroCAD Software Solutions LLC

Page 10

Summary for Reach A: ANALYSIS POINT A: CB at Kennebec and Alder

Inflow Area = 1.172 ac, 90.04% Impervious, Inflow Depth > 2.22" for 2-Year event
Inflow = 2.99 cfs @ 12.10 hrs, Volume= 0.217 af
Outflow = 2.99 cfs @ 12.10 hrs, Volume= 0.217 af, Atten= 0%, Lag= 0.0 min

Routing by Dyn-Stor-Ind method, Time Span= 2.00-20.00 hrs, dt= 0.01 hrs / 3

Summary for Reach B: ANALYSIS POINT B: CB in Hanover

Inflow Area = 0.097 ac, 38.41% Impervious, Inflow Depth > 0.88" for 2-Year event
Inflow = 0.10 cfs @ 12.10 hrs, Volume= 0.007 af
Outflow = 0.10 cfs @ 12.10 hrs, Volume= 0.007 af, Atten= 0%, Lag= 0.0 min

Routing by Dyn-Stor-Ind method, Time Span= 2.00-20.00 hrs, dt= 0.01 hrs / 3

Bayside Bowl POST Development

Type III 24-hr 10-Year Rainfall=4.70"

Prepared by {enter your company name here}

Printed 3/23/2015

HydroCAD® 10.00-12 s/n 05121 © 2014 HydroCAD Software Solutions LLC

Page 11

Time span=2.00-20.00 hrs, dt=0.01 hrs, 1801 points x 3
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Dyn-Stor-Ind method - Pond routing by Dyn-Stor-Ind method

Subcatchment1S: building and parking Runoff Area=51,053 sf 90.04% Impervious Runoff Depth>3.81"
Flow Length=424' Tc=7.1 min CN=94 Runoff=4.96 cfs 0.372 af

Subcatchment2S: Hanover Street Runoff Area=4,239 sf 38.41% Impervious Runoff Depth>2.04"
Flow Length=275' Tc=6.0 min CN=75 Runoff=0.25 cfs 0.017 af

Reach A: ANALYSISPOINT A: CB at Kennebec and Alder Inflow=4.96 cfs 0.372 af
Outflow=4.96 cfs 0.372 af

Reach B: ANALYSISPOINT B: CB in Hanover Inflow=0.25 cfs 0.017 af
Outflow=0.25 cfs 0.017 af

Total Runoff Area = 1.269 ac Runoff Volume = 0.388 af Average Runoff Depth = 3.67"
13.92% Pervious = 0.177 ac 86.08% Impervious = 1.093 ac

Bayside Bowl POST Development

Type III 24-hr 10-Year Rainfall=4.70"

Prepared by {enter your company name here}

Printed 3/23/2015

HydroCAD® 10.00-12 s/n 05121 © 2014 HydroCAD Software Solutions LLC

Page 12

Summary for Subcatchment 1S: building and parking

Runoff = 4.96 cfs @ 12.10 hrs, Volume= 0.372 af, Depth> 3.81"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 2.00-20.00 hrs, dt= 0.01 hrs
Type III 24-hr 10-Year Rainfall=4.70"

Area (sf)	CN	Description
45,968	98	Paved parking & roofs
5,085	61	>75% Grass cover, Good, HSG B
51,053	94	Weighted Average
5,085		9.96% Pervious Area
45,968		90.04% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
3.1	153	0.0050	0.83		Sheet Flow, A-B roof Smooth surfaces n= 0.011 P2= 3.00"
0.1	16	0.0310	2.83		Shallow Concentrated Flow, B-C planted bed to parking Unpaved Kv= 16.1 fps
0.5	60	0.0100	2.03		Shallow Concentrated Flow, C-D Parking to swale Paved Kv= 20.3 fps
3.4	195	0.0040	0.95		Shallow Concentrated Flow, D-E swale Grassed Waterway Kv= 15.0 fps
7.1	424	Total			

Summary for Subcatchment 2S: Hanover Street

Runoff = 0.25 cfs @ 12.09 hrs, Volume= 0.017 af, Depth> 2.04"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 2.00-20.00 hrs, dt= 0.01 hrs
Type III 24-hr 10-Year Rainfall=4.70"

Area (sf)	CN	Description
1,628	98	Paved parking & roofs
2,611	61	>75% Grass cover, Good, HSG B
4,239	75	Weighted Average
2,611		61.59% Pervious Area
1,628		38.41% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.8	108	0.0030	0.63		Sheet Flow, A-B pavement Smooth surfaces n= 0.011 P2= 3.00"
1.0	167	0.0200	2.87		Shallow Concentrated Flow, B-C gutter Paved Kv= 20.3 fps
3.8	275	Total, Increased to minimum Tc = 6.0 min			

Bayside Bowl POST Development

Type III 24-hr 10-Year Rainfall=4.70"

Prepared by {enter your company name here}

Printed 3/23/2015

HydroCAD® 10.00-12 s/n 05121 © 2014 HydroCAD Software Solutions LLC

Page 13

Summary for Reach A: ANALYSIS POINT A: CB at Kennebec and Alder

Inflow Area = 1.172 ac, 90.04% Impervious, Inflow Depth > 3.81" for 10-Year event
Inflow = 4.96 cfs @ 12.10 hrs, Volume= 0.372 af
Outflow = 4.96 cfs @ 12.10 hrs, Volume= 0.372 af, Atten= 0%, Lag= 0.0 min

Routing by Dyn-Stor-Ind method, Time Span= 2.00-20.00 hrs, dt= 0.01 hrs / 3

Summary for Reach B: ANALYSIS POINT B: CB in Hanover

Inflow Area = 0.097 ac, 38.41% Impervious, Inflow Depth > 2.04" for 10-Year event
Inflow = 0.25 cfs @ 12.09 hrs, Volume= 0.017 af
Outflow = 0.25 cfs @ 12.09 hrs, Volume= 0.017 af, Atten= 0%, Lag= 0.0 min

Routing by Dyn-Stor-Ind method, Time Span= 2.00-20.00 hrs, dt= 0.01 hrs / 3

Bayside Bowl POST Development

Type III 24-hr 25-Year Rainfall=5.50"

Prepared by {enter your company name here}

Printed 3/23/2015

HydroCAD® 10.00-12 s/n 05121 © 2014 HydroCAD Software Solutions LLC

Page 15

Summary for Subcatchment 1S: building and parking

Runoff = 5.87 cfs @ 12.10 hrs, Volume= 0.445 af, Depth> 4.56"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 2.00-20.00 hrs, dt= 0.01 hrs
Type III 24-hr 25-Year Rainfall=5.50"

Area (sf)	CN	Description
45,968	98	Paved parking & roofs
5,085	61	>75% Grass cover, Good, HSG B
51,053	94	Weighted Average
5,085		9.96% Pervious Area
45,968		90.04% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
3.1	153	0.0050	0.83		Sheet Flow, A-B roof Smooth surfaces n= 0.011 P2= 3.00"
0.1	16	0.0310	2.83		Shallow Concentrated Flow, B-C planted bed to parking Unpaved Kv= 16.1 fps
0.5	60	0.0100	2.03		Shallow Concentrated Flow, C-D Parking to swale Paved Kv= 20.3 fps
3.4	195	0.0040	0.95		Shallow Concentrated Flow, D-E swale Grassed Waterway Kv= 15.0 fps
7.1	424	Total			

Summary for Subcatchment 2S: Hanover Street

Runoff = 0.33 cfs @ 12.09 hrs, Volume= 0.022 af, Depth> 2.66"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 2.00-20.00 hrs, dt= 0.01 hrs
Type III 24-hr 25-Year Rainfall=5.50"

Area (sf)	CN	Description
1,628	98	Paved parking & roofs
2,611	61	>75% Grass cover, Good, HSG B
4,239	75	Weighted Average
2,611		61.59% Pervious Area
1,628		38.41% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.8	108	0.0030	0.63		Sheet Flow, A-B pavement Smooth surfaces n= 0.011 P2= 3.00"
1.0	167	0.0200	2.87		Shallow Concentrated Flow, B-C gutter Paved Kv= 20.3 fps
3.8	275	Total, Increased to minimum Tc = 6.0 min			

Bayside Bowl POST Development

Type III 24-hr 25-Year Rainfall=5.50"

Prepared by {enter your company name here}

Printed 3/23/2015

HydroCAD® 10.00-12 s/n 05121 © 2014 HydroCAD Software Solutions LLC

Page 16

Summary for Reach A: ANALYSIS POINT A: CB at Kennebec and Alder

Inflow Area = 1.172 ac, 90.04% Impervious, Inflow Depth > 4.56" for 25-Year event
Inflow = 5.87 cfs @ 12.10 hrs, Volume= 0.445 af
Outflow = 5.87 cfs @ 12.10 hrs, Volume= 0.445 af, Atten= 0%, Lag= 0.0 min

Routing by Dyn-Stor-Ind method, Time Span= 2.00-20.00 hrs, dt= 0.01 hrs / 3

Summary for Reach B: ANALYSIS POINT B: CB in Hanover

Inflow Area = 0.097 ac, 38.41% Impervious, Inflow Depth > 2.66" for 25-Year event
Inflow = 0.33 cfs @ 12.09 hrs, Volume= 0.022 af
Outflow = 0.33 cfs @ 12.09 hrs, Volume= 0.022 af, Atten= 0%, Lag= 0.0 min

Routing by Dyn-Stor-Ind method, Time Span= 2.00-20.00 hrs, dt= 0.01 hrs / 3

Bayside Bowl POST Development

Type III 24-hr 100-Year Rainfall=6.70"

Prepared by {enter your company name here}

Printed 3/23/2015

HydroCAD® 10.00-12 s/n 05121 © 2014 HydroCAD Software Solutions LLC

Page 18

Summary for Subcatchment 1S: building and parking

Runoff = 7.24 cfs @ 12.10 hrs, Volume= 0.556 af, Depth> 5.70"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 2.00-20.00 hrs, dt= 0.01 hrs
Type III 24-hr 100-Year Rainfall=6.70"

Area (sf)	CN	Description
45,968	98	Paved parking & roofs
5,085	61	>75% Grass cover, Good, HSG B
51,053	94	Weighted Average
5,085		9.96% Pervious Area
45,968		90.04% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
3.1	153	0.0050	0.83		Sheet Flow, A-B roof Smooth surfaces n= 0.011 P2= 3.00"
0.1	16	0.0310	2.83		Shallow Concentrated Flow, B-C planted bed to parking Unpaved Kv= 16.1 fps
0.5	60	0.0100	2.03		Shallow Concentrated Flow, C-D Parking to swale Paved Kv= 20.3 fps
3.4	195	0.0040	0.95		Shallow Concentrated Flow, D-E swale Grassed Waterway Kv= 15.0 fps
7.1	424	Total			

Summary for Subcatchment 2S: Hanover Street

Runoff = 0.44 cfs @ 12.09 hrs, Volume= 0.029 af, Depth> 3.63"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 2.00-20.00 hrs, dt= 0.01 hrs
Type III 24-hr 100-Year Rainfall=6.70"

Area (sf)	CN	Description
1,628	98	Paved parking & roofs
2,611	61	>75% Grass cover, Good, HSG B
4,239	75	Weighted Average
2,611		61.59% Pervious Area
1,628		38.41% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.8	108	0.0030	0.63		Sheet Flow, A-B pavement Smooth surfaces n= 0.011 P2= 3.00"
1.0	167	0.0200	2.87		Shallow Concentrated Flow, B-C gutter Paved Kv= 20.3 fps
3.8	275	Total, Increased to minimum Tc = 6.0 min			

Bayside Bowl POST Development

Type III 24-hr 100-Year Rainfall=6.70"

Prepared by {enter your company name here}

Printed 3/23/2015

HydroCAD® 10.00-12 s/n 05121 © 2014 HydroCAD Software Solutions LLC

Page 19

Summary for Reach A: ANALYSIS POINT A: CB at Kennebec and Alder

Inflow Area = 1.172 ac, 90.04% Impervious, Inflow Depth > 5.70" for 100-Year event
Inflow = 7.24 cfs @ 12.10 hrs, Volume= 0.556 af
Outflow = 7.24 cfs @ 12.10 hrs, Volume= 0.556 af, Atten= 0%, Lag= 0.0 min

Routing by Dyn-Stor-Ind method, Time Span= 2.00-20.00 hrs, dt= 0.01 hrs / 3

Summary for Reach B: ANALYSIS POINT B: CB in Hanover

Inflow Area = 0.097 ac, 38.41% Impervious, Inflow Depth > 3.63" for 100-Year event
Inflow = 0.44 cfs @ 12.09 hrs, Volume= 0.029 af
Outflow = 0.44 cfs @ 12.09 hrs, Volume= 0.029 af, Atten= 0%, Lag= 0.0 min

Routing by Dyn-Stor-Ind method, Time Span= 2.00-20.00 hrs, dt= 0.01 hrs / 3