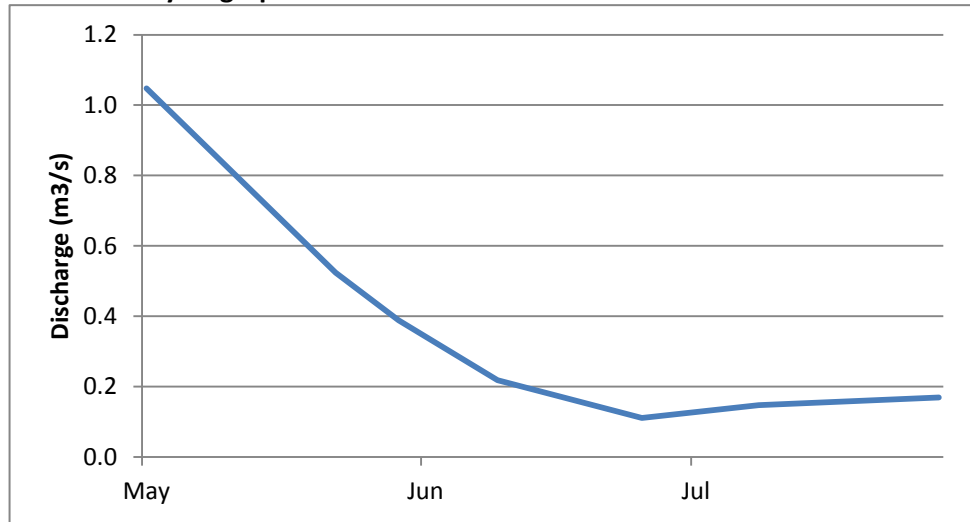


2011 Annual Report
W1a (Upper Morehead Creek) 2011 Hydrology Data

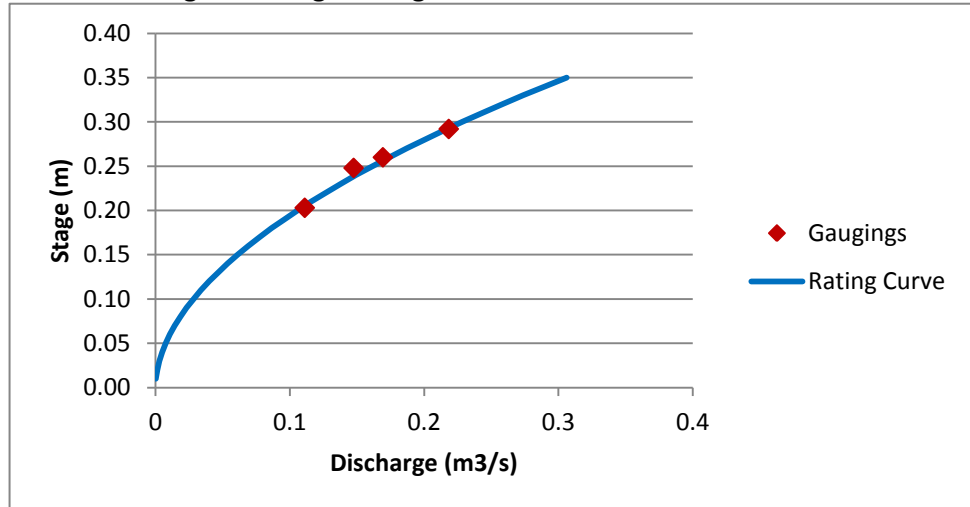
W1a 2011 Staff Gauge and Discharge Measurements

Date	Staff Gauge (m)	Q (m ³ /s)
12-May-11		1.0479
2-Jun-11	0.485	0.5236
Staff Gauge Re-Installed		
9-Jun-11	0.335	0.3881
20-Jun-11	0.292	0.2183
6-Jul-11	0.203	0.1111
7-Jul-11	0.194	
19-Jul-11	0.248	0.1475
8-Aug-11	0.260	0.1693
24-Aug-11	0.115	
20-Sep-11	0.175	
2-Nov-11	0.126	

W1a 2011 Hydrograph



W1a 2011 Stage-Discharge Rating Curve

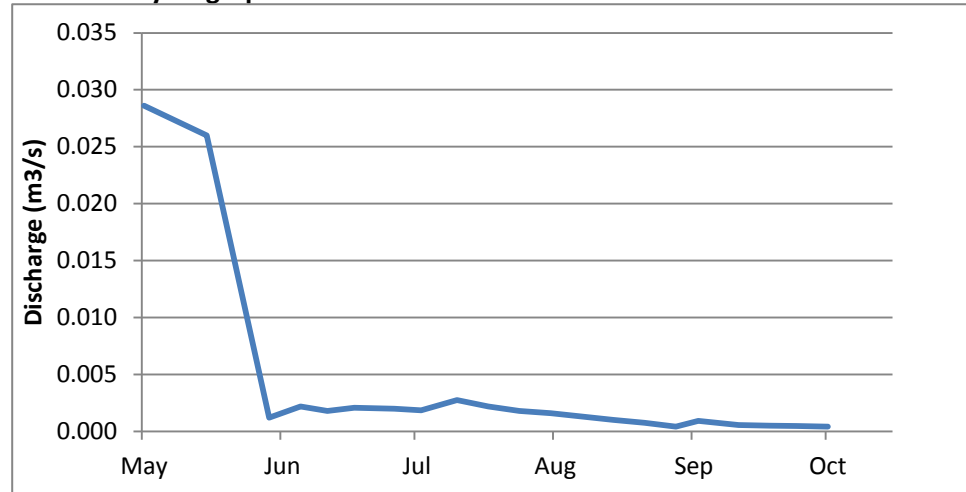


2011 Annual Report
W4 (North Dump Creek) 2011 Hydrology Data

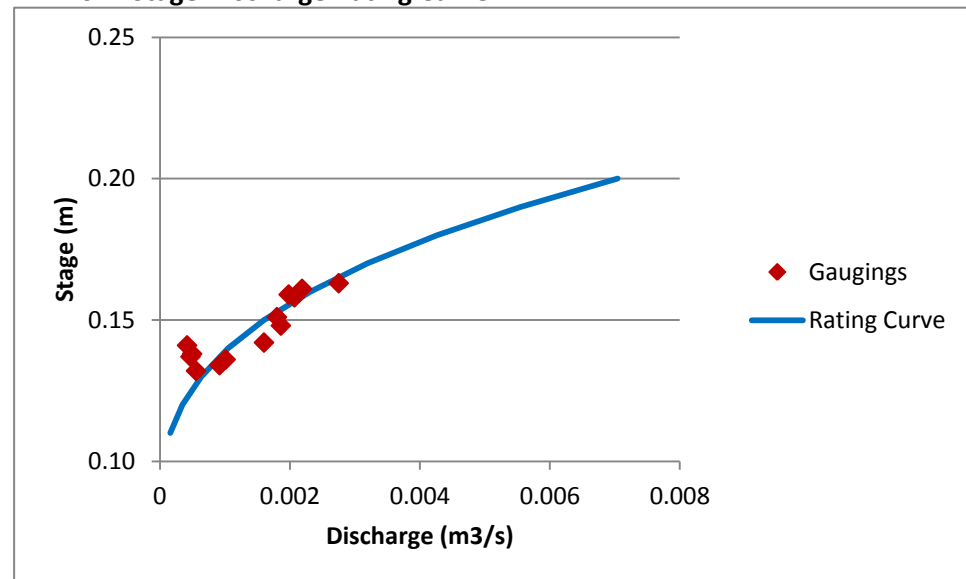
W4 2011 Staff Gauge and Discharge Measurements

Date	Staff Gauge (m)	Q (m ³ /s)	Method
19-May-11	0.220	0.0286	AVD Current Meter
1-Jun-11	0.180		
2-Jun-11	0.180	0.026	ADV Current Meter
3-Jun-11	0.160		
9-Jun-11	0.148		
14-Jun-11	0.144		
WEIR INSTALLED			
16-Jun-11	0.165	0.0012	Bucket Estimate
23-Jun-11	0.151	0.00219	Bucket Estimate
29-Jun-11	0.118	0.00180	Bucket Estimate
5-Jul-11	0.158	0.00207	Bucket Estimate
14-Jul-11	0.159	0.00198	Bucket Estimate
20-Jul-11	0.148	0.00186	Bucket Estimate
21-Jul-11	0.187		
28-Jul-11	0.163	0.00275	Bucket Estimate
4-Aug-11	0.161	0.00219	Bucket Estimate
11-Aug-11	0.151	0.00180	Bucket Estimate
18-Aug-11	0.142	0.00160	Bucket Estimate
1-Sep-11	0.136	0.00101	Bucket Estimate
8-Sep-11		0.00074	Bucket Estimate
15-Sep-11		0.00042	Bucket Estimate
20-Sep-11	0.134	0.00092	Bucket Estimate
29-Sep-11	0.132	0.00055	Bucket Estimate
6-Oct-11	0.138	0.00049	Bucket Estimate
12-Oct-11	0.317	0.00047	Bucket Estimate
19-Oct-11	0.141	0.00042	Bucket Estimate
2-Nov-11	0.150		

W4 2011 Hydrograph



W4 2011 Stage-Discharge Rating Curve

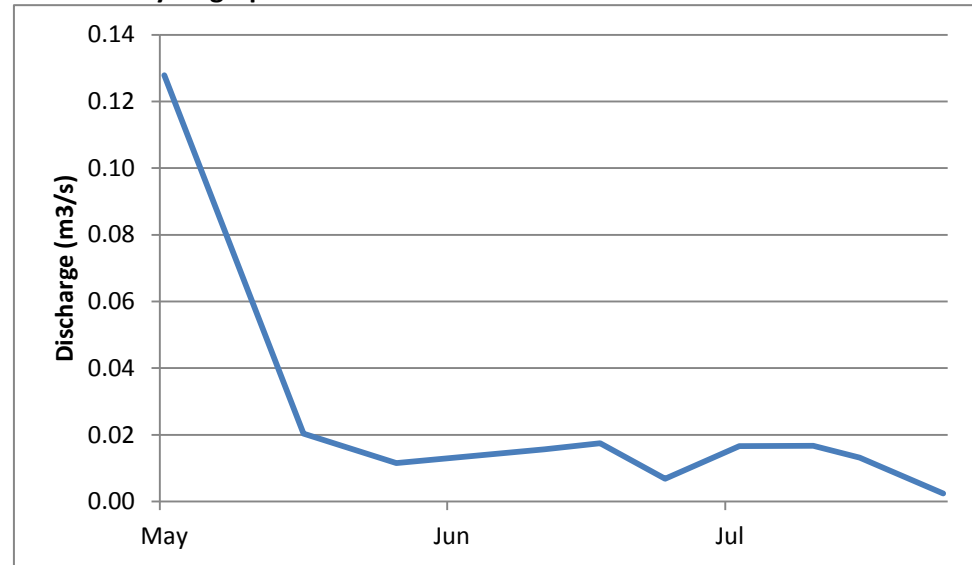


2011 Annual Report
W5 (Bootjack Creek above Hazeltine Creek) 2011 Hydrology Data

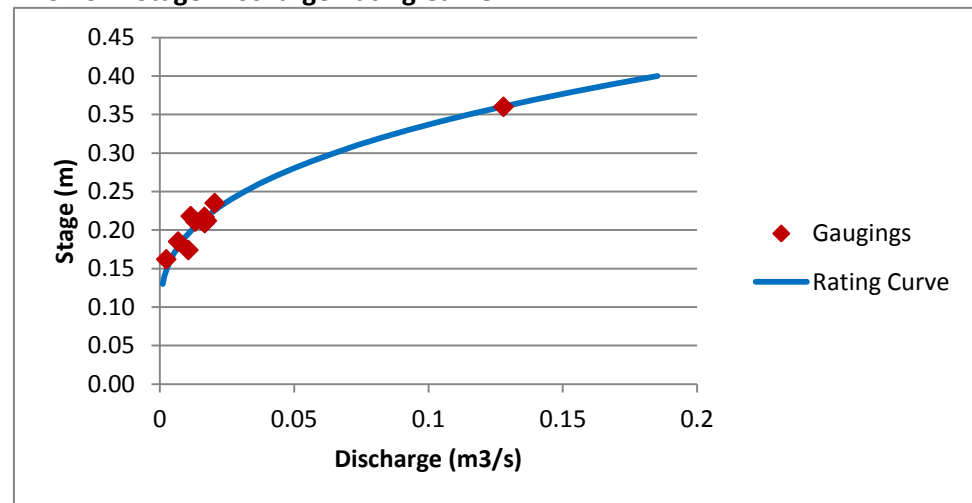
W5 2011 Staff Gauge and Discharge Measurements

Date	Staff Gauge (m)	Q (m ³ /s)
19-May-11	0.360	0.1279
2-Jun-11	0.240	
3-Jun-11	0.235	0.0204
9-Jun-11	0.203	
13-Jun-11	0.218	0.0115
23-Jun-11	0.185	
29-Jun-11	0.212	0.0157
5-Jul-11	0.212	0.0175
12-Jul-11	0.185	0.0068
14-Jul-11	0.189	
20-Jul-11	0.217	0.0166
28-Jul-11	0.209	0.0167
2-Aug-11	0.211	0.0132
11-Aug-11	0.162	0.0024
23-Aug-11	0.174	
30-Aug-11	0.174	
8-Sep-11	0.165	
15-Sep-11	0.172	
20-Sep-11	0.176	
29-Sep-11	0.180	
6-Oct-11	0.182	
12-Oct-11	0.189	
19-Oct-11	0.176	
27-Oct-11	0.176	

W5 2011 Hydrograph



W5 2011 Stage-Discharge Rating Curve

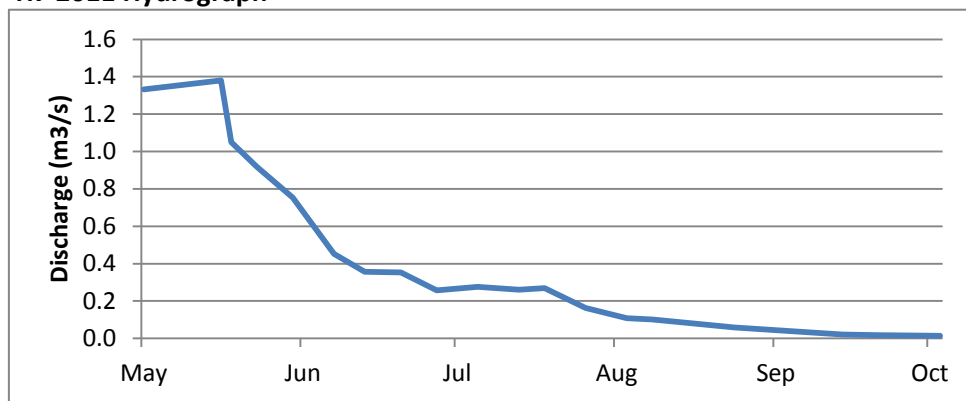


2011 Annual Report
H7 (Hazeltine Creek) 2011 Hydrology Data

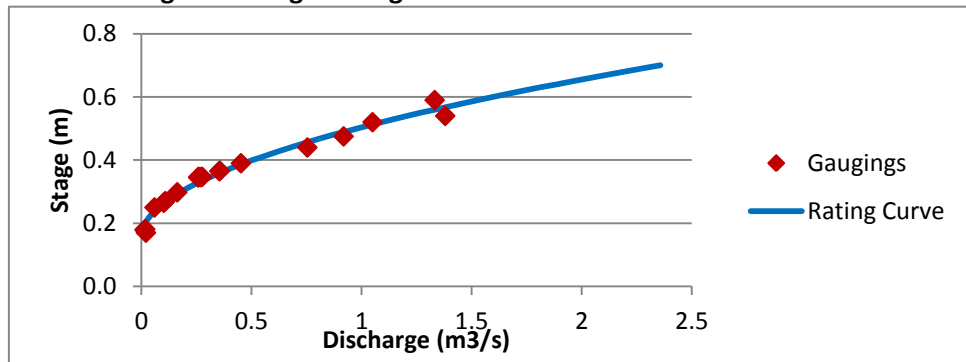
H7 2011 Staff Gauge and Discharge Measurements

Date	Staff Gauge (m)	Q (m ³ /s)
9-May-11	0.520	
10-May-11	0.535	
11-May-11	0.510	
16-May-11	0.590	1.332
17-May-11	0.692	
18-May-11	0.680	
24-May-11	0.575	
31-May-11	0.540	1.38
2-Jun-11	0.520	1.0498
7-Jun-11	0.475	0.9183
8-Jun-11	0.465	
14-Jun-11	0.440	0.7538
20-Jun-11	0.400	
22-Jun-11	0.390	0.452
28-Jun-11	0.366	0.3565
5-Jul-11	0.365	0.3538
12-Jul-11	0.345	0.2575
14-Jul-11	0.344	
20-Jul-11	0.347	0.2757
21-Jul-11	0.390	
22-Jul-11	0.390	
27-Jul-11	0.349	
28-Jul-11	0.347	0.26
2-Aug-11	0.346	0.2685
10-Aug-11	0.298	0.1627
18-Aug-11	0.270	0.1085
23-Aug-11	0.265	0.1012
25-Aug-11	0.260	
31-Aug-11	0.245	
8-Sep-11	0.250	0.0594
20-Sep-11	0.210	
29-Sep-11	0.170	0.0204
6-Oct-11	0.181	0.0173
12-Oct-11	0.181	
18-Oct-11	0.179	0.014
19-Oct-11	0.179	
27-Oct-11	0.179	
2-Nov-11	0.182	

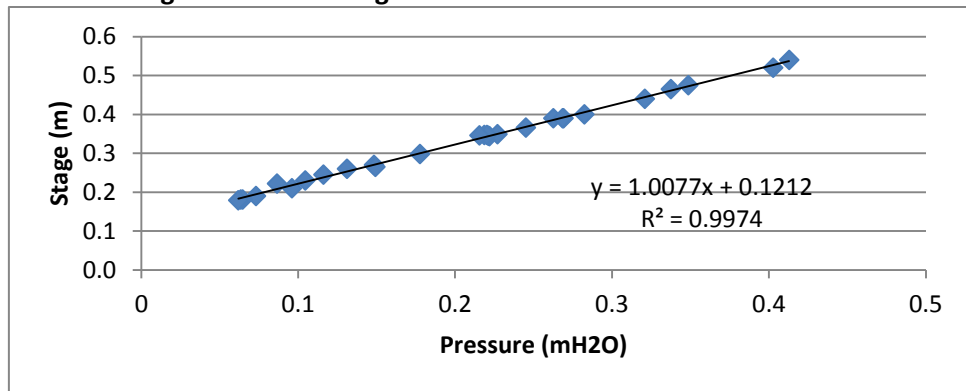
H7 2011 Hydrograph



H7 2011 Stage-Discharge Rating Curve

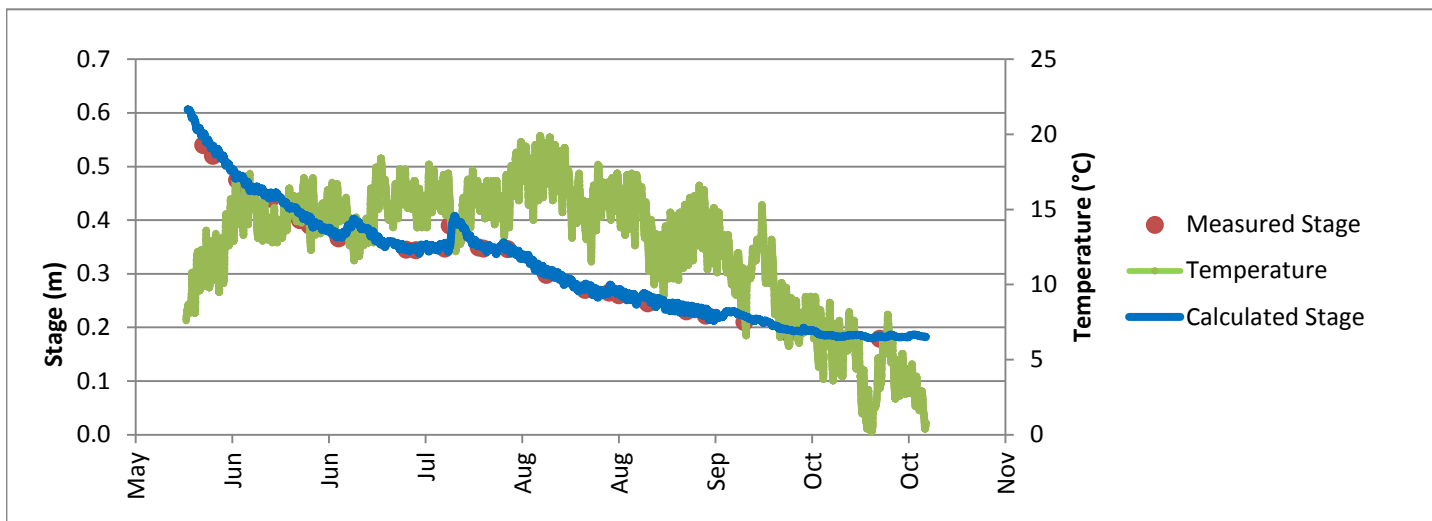


H7 2011 Stage-Pressure Rating Curve

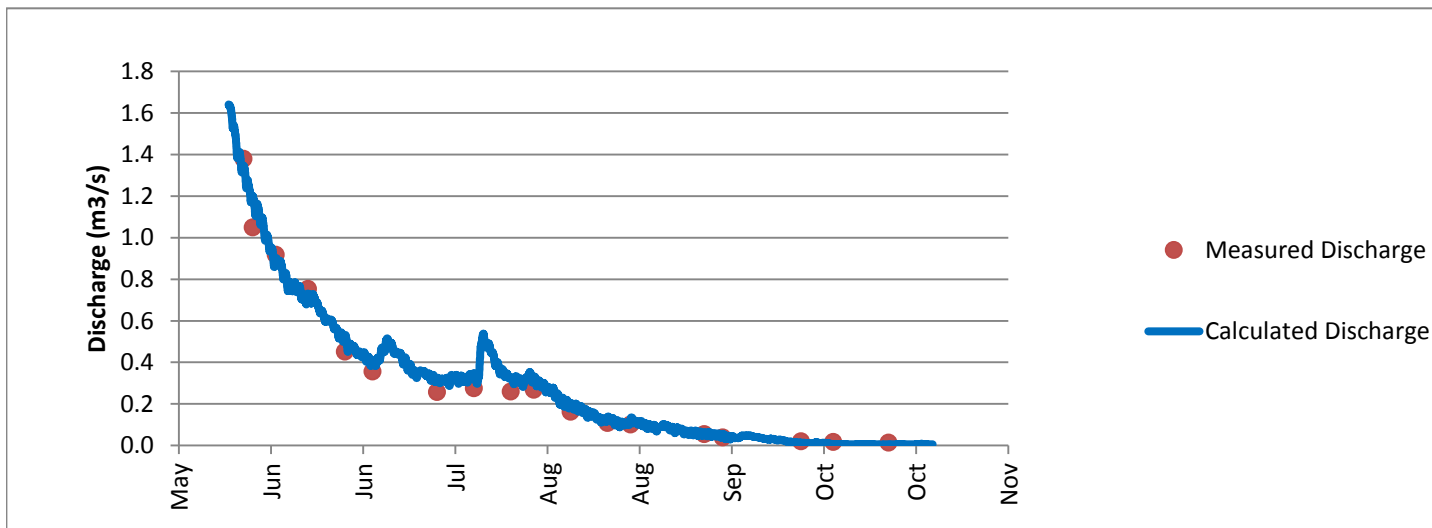


2011 Annual Report
H7 (Hazeltine Creek) 2011 Hydrology Data

H7 2011 Water Temperature and Estimated Continuous Stage (from Pressure Transducer Data), Compared to Measured Stage Values



H7 2011 Comparison of Estimated Continuous Discharge Values (from Pressure Transducer Data) and Measured Discharge Values

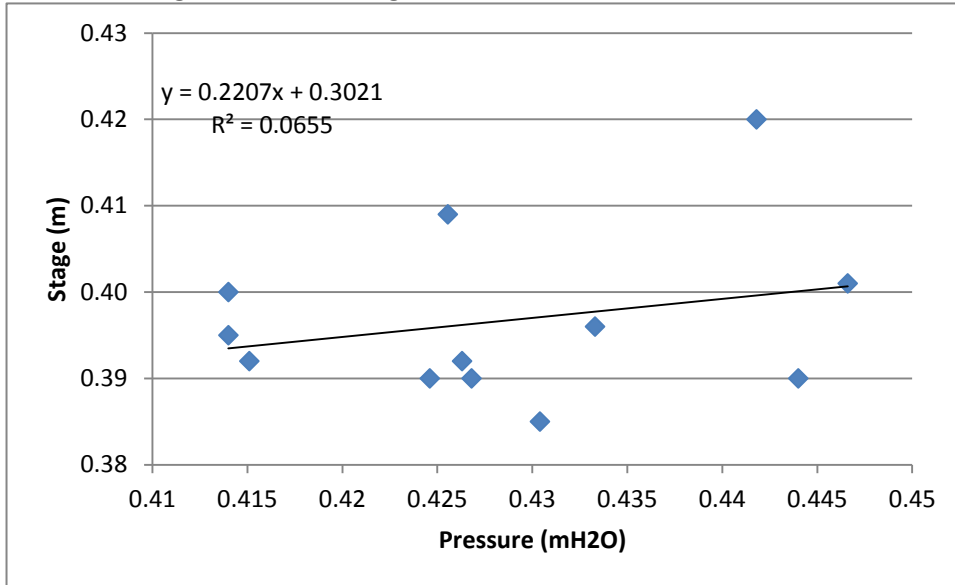


2011 Annual Report
W8 (Northeast Edney Creek Tributary) 2011 Hydrology Data

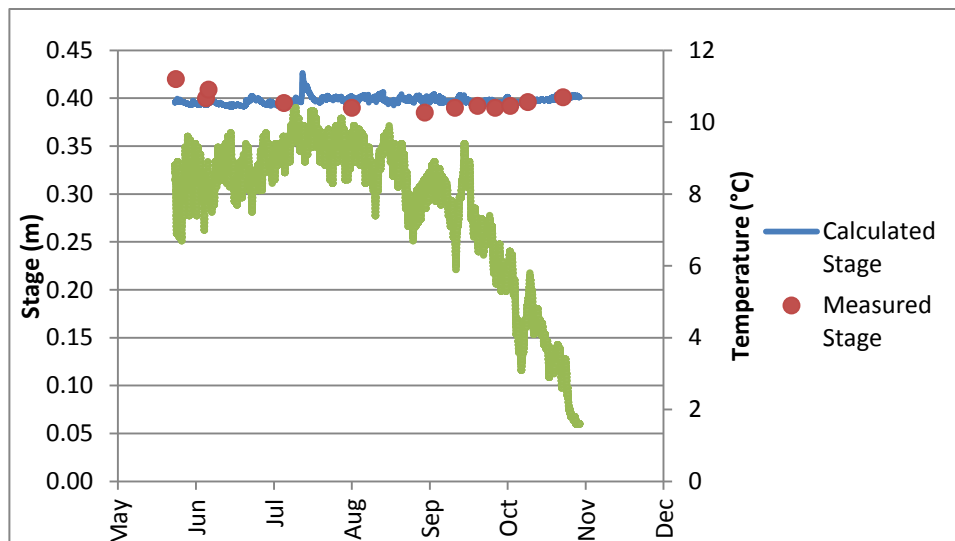
W8 2011 Staff Gauge and Discharge Measurements

Date	Staff Gauge (m)	Q (m ³ /s)
18-May-11	0.590	
31-May-11	0.400	0.0145
1-Jun-11	0.420	
13-Jun-11	0.400	
14-Jun-11	0.409	
14-Jul-11	0.395	
10-Aug-11	0.385	
20-Sep-11	0.390	
29-Sep-11	0.392	
6-Oct-11	0.390	
12-Oct-11	0.392	
19-Oct-11	0.396	
2-Nov-11	0.401	

W8 2011 Stage-Pressure Rating Curve



W8 2011 Water Temperature and Estimated Continuous Stage (from Pressure Transducer Data), Compared to Measured Stage Values

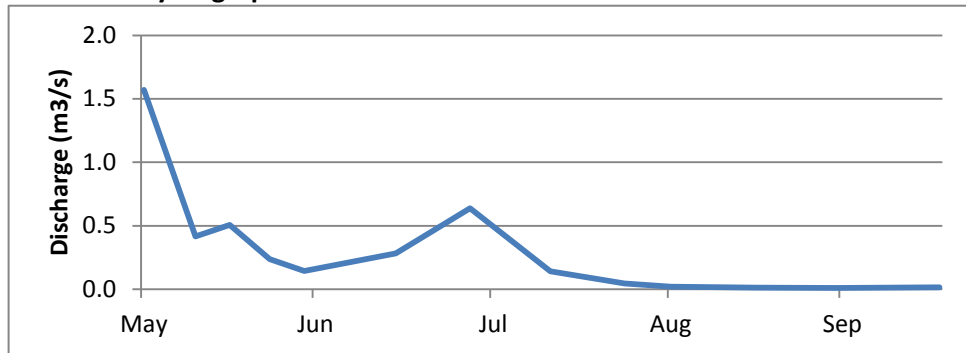


2011 Annual Report
H11 (Edney Creek) 2011 Hydrology Data

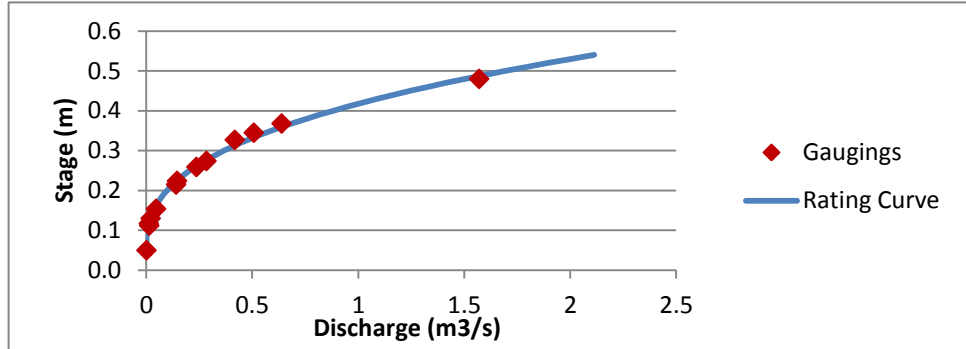
H11 2011 Staff Gauge and Discharge Measurements

Date	Staff Gauge (m)	Q (m ³ /s)
31-May-11	0.480	1.57
3-Jun-11	0.410	
9-Jun-11	0.327	0.4176
15-Jun-11	0.345	0.5073
22-Jun-11	0.259	0.2366
28-Jun-11	0.224	0.1451
14-Jul-11	0.274	0.2839
27-Jul-11	0.368	0.638
4-Aug-11	0.319	
10-Aug-11	0.215	0.1407
23-Aug-11	0.154	0.0462
31-Aug-11	0.130	0.0207
8-Sep-11	0.118	
15-Sep-11	0.112	0.0141
29-Sep-11	0.117	0.0118
6-Oct-11	0.108	
17-Oct-11	0.122	0.0146

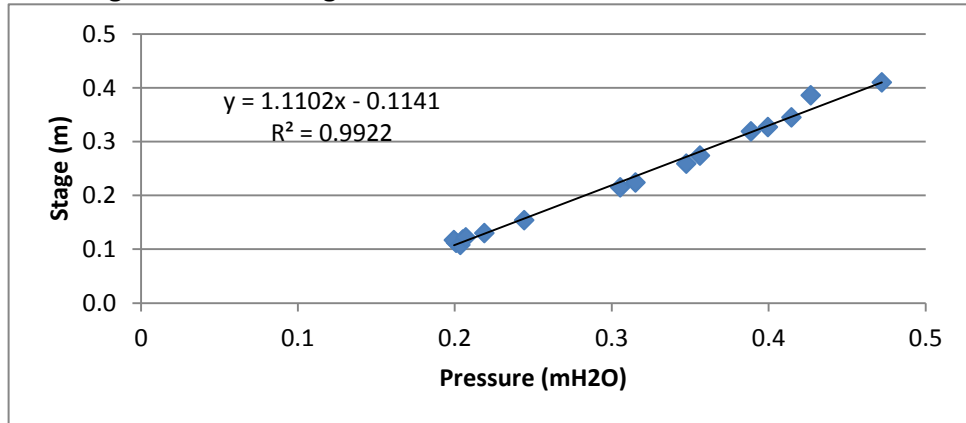
H11 2011 Hydrograph



H11 2011 Stage-Discharge Rating Curve

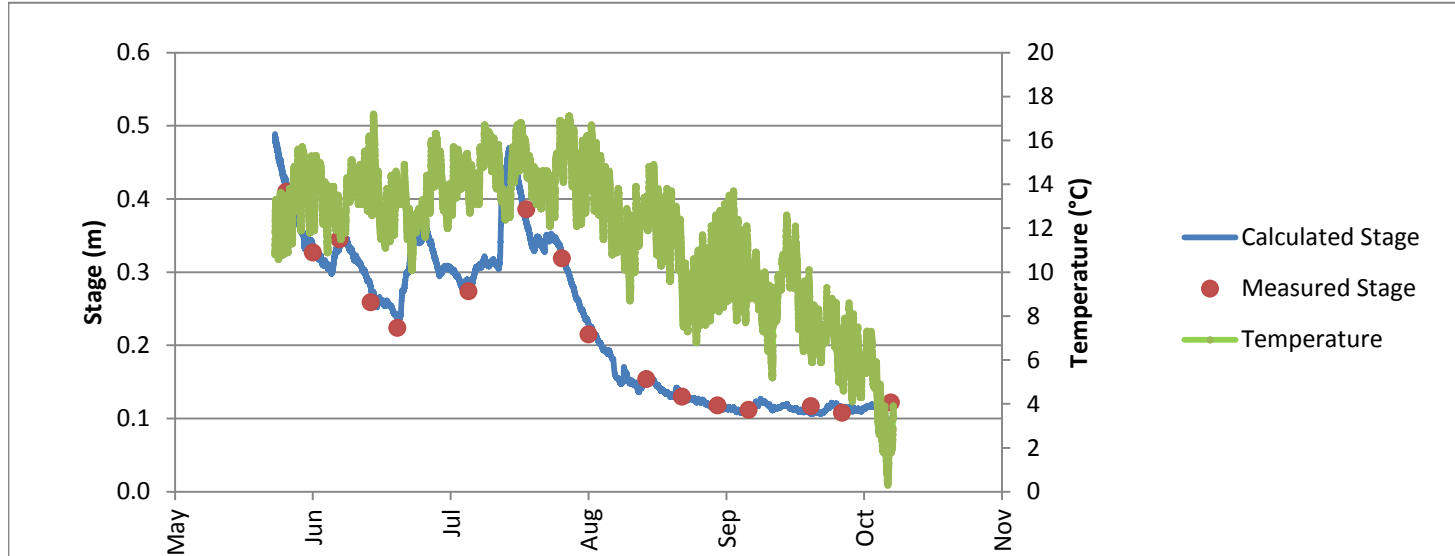


H11 Stage-Pressure Rating Curve

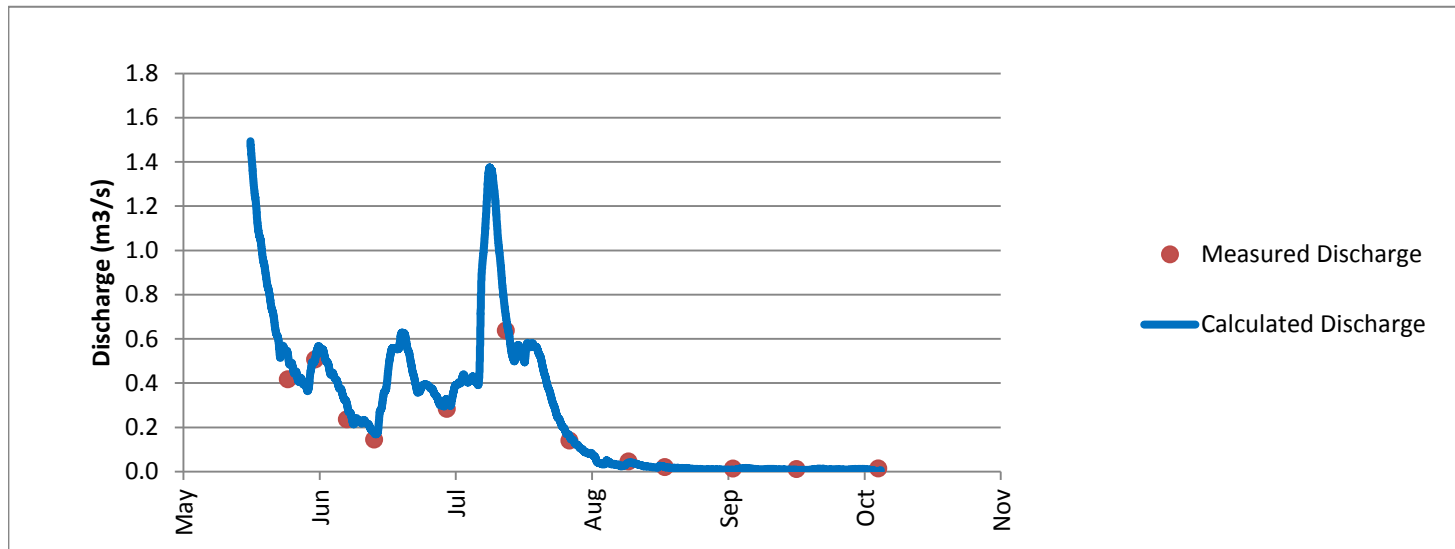


2011 Annual Report
H11 (Edney Creek) 2011 Hydrology Data

H11 2011 Water Temperature and Estimated Continuous Stage (from Pressure Transducer Data), Compared to Measured Stage Values



H7 2011 Comparison of Estimated Continuous Discharge Values (from Pressure Transducer Data) and Measured Discharge Values

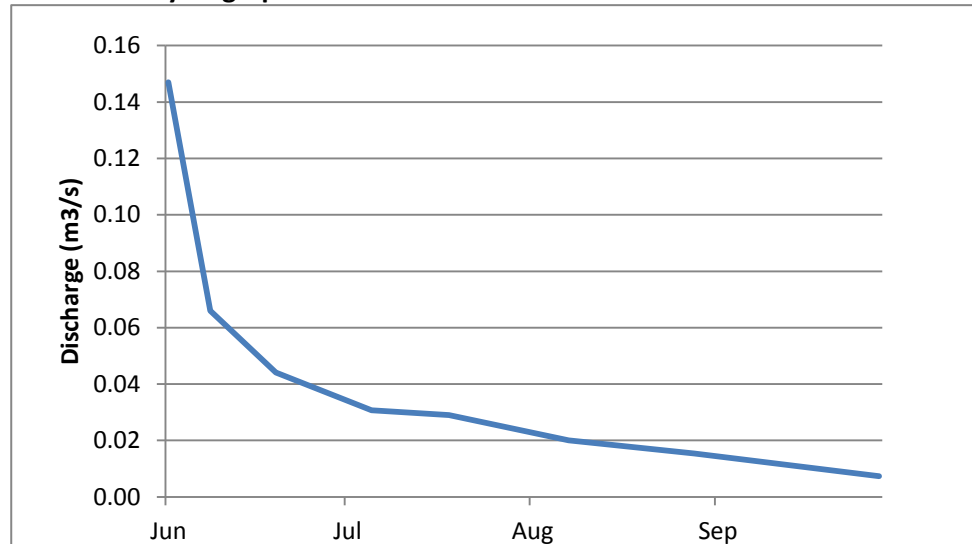


2011 Annual Report
W12 (6 km Creek at Bootjack Road) 2011 Hydrology Data

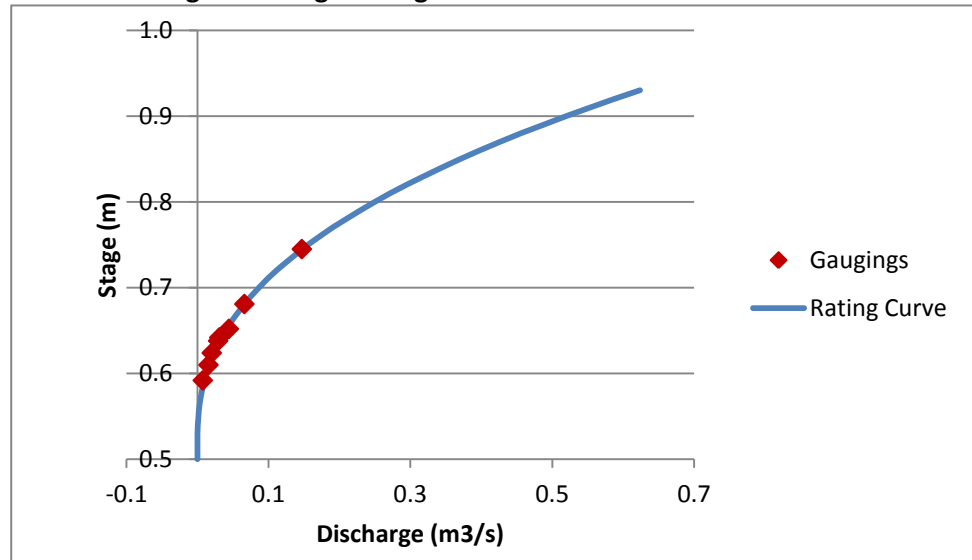
W12 2011 Staff Gauge and Discharge Measurements

Date	Staff Gauge (m)	Q (m ³ /s)
2-Jun-11	0.745	0.147
3-Jun-11	0.725	
9-Jun-11	0.681	0.066
20-Jun-11	0.652	0.0441
6-Jul-11	0.642	0.0307
19-Jul-11	0.638	0.029
8-Aug-11	0.624	0.02
29-Aug-11	0.610	0.0154
29-Sep-11	0.592	0.0074
2-Nov-11	0.627	
2-Nov-11	0.627	

W12 2011 Hydrograph



W12 2011 Stage-Discharge Rating Curve



2011 Annual Report
2011 Supplemental Hydrological Data: Long Ditch, Perimeter Toe Drain South Toe Drain

Long Ditch 2011 Staff Gauge and Discharge Measurements

Date	Staff Gauge (m)	Q (m ³ /s)	Method
7-Jun-11		0.083	ADV Current Meter
13-Jun-11	0.148	0.0662	ADV Current Meter
23-Jun-11	0.122	0.0538	ADV Current Meter
5-Jul-11	0.126	0.0671	ADV Current Meter
12-Jul-11	0.126	0.0638	ADV Current Meter
20-Jul-11	0.114	0.0367	ADV Current Meter
21-Jul-11	0.135		
29-Jul-11	0.095		
3-Aug-11	0.105	0.0424	ADV Current Meter
11-Aug-11	0.100	0.033	ADV Current Meter
18-Aug-11	0.096		
30-Aug-11	0.119	0.0596	ADV Current Meter
15-Sep-11	0.125	0.0713	ADV Current Meter
29-Sep-11	0.185		

Perimeter Toe Drain 2011 Discharge Measurements

Date	Q (m ³ /s)	Method
5-Jul-11	0.02	BUCKET
3-Aug-11	0.0237	ADV Current Meter
25-Aug-11	0.0185	ADV Current Meter
15-Sep-11	0.0166	ADV Current Meter
6-Oct-11	0.0162	ADV Current Meter
27-Nov-11	0.0277	ADV Current Meter

South Toe Drain 2011 Discharge Measurements

Date	Q (m ³ /s)	Method
5-Jul-11	0.02	BUCKET
3-Aug-11	0.0407	ADV Current Meter
25-Aug-11	0.02251	BUCKET
15-Sep-11	0.0219	ADV Current Meter
29-Sep-11	0.0244	ADV Current Meter
27-Oct-11	0.0245	ADV Current Meter