

Appendix I:
*Ranking of Agreement Water
Quality Stations*

Summary of Improving and Deteriorating Trends- Eastern Region

Site Name	Site Number	Total Parameters	Improving Trends	Deteriorating Trends
Waterford River (@ Kilbride)	ZM0009	35	7	10
Kellys Brook	ZM0144	35	18	1
Rennies River (@ Carnell Dr)	ZM0016	35	10	8
Quidi Vidi Outlet	ZM0015	35	9	6
Broad Cove Brook	ZL0020	35	2	13
Garnish River	ZG0016	35	2	3
Goulds Brook	ZL0029	35	7	12
Grand Bank Brook	ZG0026	35	7	0
Hearts Content Brook	ZL0002	35	7	6
Mobile River	ZM0018	35	8	3
Mundy Pond	ZM0109	35	15	1
Northeast River	ZK0005	35	5	6
Northwest Brook	ZN0002	35	6	8
Rattle Brook	ZG0025	35	8	1
Salmonier River	ZN0004	35	13	9
Seal Cove River	ZM0019	35	5	3
Spout Cove Brook	ZL0001	35	14	5
Tides Brook	ZG0024	35	10	6
Raymond Brook	ZM0017	35	8	6
Virgina River (@ Outlet to Quidi Vidi)	ZM0014	34	10	6
Rocky River	ZK0001	34	2	6
Pipers Hole River	ZH0001	17	6	3

Summary of Improving and Deteriorating Trends- Central Region

Site Name	Site Number	Total Parameters	Improving Trends	Deteriorating Trends
Terra Nova River (@ Terra Nova)	YS0001	35	2	9
Gander River	YQ0005	35	3	6
Middle Brook	YR0021	35	13	6
Southern Bay River	ZJ0024	35	7	6
Pound Cove Brook	YR0001	35	9	5
Terra Nova River (@ ES Spencer Bridge)	YS0011	35	3	5
Gander River (@ Appleton)	YQ0030	35	10	4
Bread Cove Brook	YS0010	35	12	4
South West Brook (@ Terra Nova National Park)	YS0005	35	15	4
South West Brook (@ Baie Verte)	YM0004	35	14	3
Exploits River (b/l Millertown Dam)	YO0107	35	22	2
North West Gander River	YQ0006	35	10	2
Terra Nova River (@ Newton Lake)	YS0012	35	7	2
Jeddore Lake	ZE0018	35	8	2
Bay du Nord River	ZF0020	35	9	0
Exploits River (@ Bishop Falls)	YO0021	34	12	4
Exploits River (@ Aspen Brook Park)	YO0020	34	17	1
Exploits River (@ Grand Falls)	YO0001	18	9	3
Indian Brook	YM0001	18	6	2

Summary of Improving and Deteriorating Trends- Western & Labrador Region

Site Name	Site Number	Total Parameters	Improving Trends	Deteriorating Trends
Western Brook	YE0005	35	7	12
Upper Humber	YL0011	35	3	5
Lower Humber	YL0012	35	6	8
Humber Canal	YK0022	35	4	4
Lloyds River	YN0001	35	4	7
Pinchgut Brook	YJ0004	35	9	10
Harrys River	YJ0006	34	8	4
Grand Codroy River	ZA0006	35	12	4
South Branch River	ZA0001	35	6	3
Cing Cerf Brook	ZB0005	35	3	4
Corner Brook	YL0013	35	3	7
Crabbe's River	ZA0007	35	4	4
Lomond River	YH0018	35	6	10
Main River	YG0001	35	8	3
Wild Cove Brook	YL0029	35	2	13
Ste Genevieve River	YA0001	35	4	12
Portland Creek	YE0004	35	11	14
White Bear River	ZC0011	35	6	5
Grandy Brook	ZC0001	34	5	3
Grey River	ZD0003	17	6	1
Isle aux Mort River	ZB0001	16	4	1
Torrent River	YC0001	18	6	2
Churchill Falls	OE0001	16	1	3
Eagle River	QC0001	17	3	2

Canadian Water Quality Index Values- Eastern Region

Site Name	Site Number	Overall WQI	Drinking WQI	Aquatic WQI
Tides Brook	ZG0024	75	81	74
Grand Bank Brook	ZG0026	74	81	72
Rattle Brook	ZG0025	77	84	74
Pipers Hole River	ZH0001	71	78	70
Spout Cove Brook	ZL0001	78	87	78
Northeast River	ZK0005	73	80	72
Seal Cove River	ZM0019	74	81	74
Mobile River	ZM0018	73	79	73
Hearts Content Brook	ZL0002	77	85	77
Northwest Brook	ZN0002	75	82	74
Garnish River	ZG0016	70	76	69
Raymond Brook	ZM0017	74	80	74
Goulds Brook	ZL0029	76	80	77
Rocky River	ZK0001	67	72	70
Broad Cove Brook	ZM0020	73	83	70
Salmonier River	ZN0004	77	81	77
Kellys Brook	ZM0144	45	52	50
Quidi Vidi Lake	ZM0015	64	73	68
Rennies River (@ Carnell Dr)	ZM0016	61	68	64
Virgina River (@ Boulevard)	ZM0014	63	75	65
Waterford River (@ Kilbride)	ZM0009	64	71	67
Mundy Pond	ZM0109	54	62	59

Canadian Water Quality Index Values- Central Region

Site Name	Site Number	Overall WQI	Drinking WQI	Aquatic WQI
Exploits River (b/l Millertown Dam)	YO0107	68	79	63
Exploits River (@ Aspen Brook Park)	YO0020	69	79	65
Exploits River (@ Grand Falls)	YO0001	79	84	81
Exploits River (@ Bishops Falls)	YO0021	69	78	66
South West Brook (@ Baie Verte)	YM0004	69	75	72
Gander River	YQ0005	76	81	78
North West Gander River	YQ0006	71	79	70
Gander River (@ Appleton)	YQ0030	81	86	81
Middle Brook	YR0021	79	87	73
Terra Nova River (@ Terra Nova)	YS0001	70	79	68
South West Brook (@ Terra Nova Park)	YS0005	69	73	71
Bread Cove Brook	YS0010	75	81	74
Terra Nova River (@ ES Spencer Bridge)	YS0011	70	79	67
Terra Nova River (@ Newton Lake)	YS0012	64	73	62
Jeddore Lake	ZE0018	74	81	72
Bay du Nord River	ZF0020	71	84	68
Southern Bay River	ZJ0024	73	80	73
Indian Brook	YM0001	79	81	87
Pound Cove Brook	YR0001	71	75	71

Canadian Water Quality Index Values- Western & Labrador Regions

Site Name	Site Number	Overall WQI	Drinking WQI	Aquatic WQI
Churchill River	OE0001	53	59	63
Wild Cove Brook	YL0029	64	69	70
Eagle River	QC0001	66	70	74
Crabbes River	ZA0007	68	80	63
Main River	YG0001	70	78	68
Upper Humber	YL0011	71	80	69
Grand Codroy	ZA0006	74	82	74
Western Brook	YE0005	76	87	71
Isle aux Mort River	ZB0001	76	78	75
Grandys Brook	ZC0001	76	86	71
Portland Creek	YE0004	77	86	75
Harrys River	YJ0006	77	85	78
South Branch River	ZA0001	77	85	74
Corner Brook	YL0013	78	86	79
Grey River	ZD0003	79	81	79
Humber Canal	YK0022	80	89	77
Lloyds River	YN0001	80	87	79
Cing Cerf Brook	ZB0005	80	89	78
Torrent River	YC0001	81	86	86
Lower Humber	YL0012	81	89	79
White Bear River	ZC0011	81	86	77
Ste. Genevieve River	YA0001	86	93	87
Lomond River	YH0018	87	93	88
Pinchgut Brook	YJ0004	87	96	83

Water Quality Index Ranking

Ranking	Site Name	Site Number	Aquatic CWQI
1	Lomond River	YH0018	88
2	Ste. Genevieve River	YA0001	87
3	Indian Brook	YM0001	87
4	Torrent River	YC0001	86
5	Pinchgut Brook	YJ0004	83
6	Exploits River (@ Grand Falls)	YO0001	81
7	Gander River (@ Appleton)	YQ0030	81
8	Corner Brook	YL0013	79
9	Grey River	ZD0003	79
10	Lloyds River	YN0001	79
11	Lower Humber	YL0012	79
12	Spout Cove Brook	ZL0001	78
13	Harrys River	YJ0006	78
14	Cing Cerf Brook	ZB0005	78
15	Gander River	YQ0005	78
16	Hearts Content Brook	ZL0002	77
17	Goulds Brook	ZL0029	77
18	Salmonier River	ZN0004	77
19	Humber Canal	YK0022	77
20	White Bear River	ZC0011	77
21	Isle aux Mort River	ZB0001	75
22	Portland Creek	YE0004	75
23	Tides Brook	ZG0024	74
24	Rattle Brook	ZG0025	74
25	Seal Cove River	ZM0019	74
26	Northwest Brook	ZN0002	74
27	Raymond Brook	ZM0017	74
28	Eagle River	QC0001	74
29	Grand Codroy	ZA0006	74
30	South Branch River	ZA0001	74
31	Bread Cove Brook	YS0010	74
32	Mobile River	ZM0018	73
33	Middle Brook	YR0021	73
34	Southern Bay River	ZJ0024	73
35	Grand Bank Brook	ZG0026	72
36	Northeast River	ZK0005	72
37	South West Brook (@ Baie Verte)	YM0004	72
38	Jeddore Lake	ZE0018	72
39	Western Brook	YE0005	71
40	Grandys Brook	ZC0001	71
41	South West Brook (@ Terra Nova Park)	YS0005	71
42	Pound Cove Brook	YR0001	71
43	Pipers Hole River	ZH0001	70
44	Rocky River	ZK0001	70
45	Broad Cove Brook	ZM0020	70
46	Wild Cove Brook	YL0029	70
47	North West Gander River	YQ0006	70
48	Garnish River	ZG0016	69
49	Upper Humber	YL0011	69
50	Quidi Vidi Lake	ZM0015	68
51	Main River	YG0001	68
52	Terra Nova River (@ Terra Nova)	YS0001	68
53	Bay du Nord River	ZF0020	68
54	Waterford River (@ Kilbride)	ZM0009	67
55	Terra Nova River (@ ES Spencer Bridge)	YS0011	67
56	Exploits River (@ Bishops Falls)	YO0021	66
57	Virgina River (@ Boulevard)	ZM0014	65
58	Exploits River (@ Aspen Brook Park)	YO0020	65
59	Rennies River (@ Carnell Dr)	ZM0016	64
60	Churchill River	OE0001	63
61	Crabbes River	ZA0007	63
62	Exploits River (b/l Millertown Dam)	YO0107	63
63	Terra Nova River (@ Newton Lake)	YS0012	62
64	Mundy Pond	ZM0109	59
65	Kellys Brook	ZM0144	50

Labrador
Western
Central
Eastern

Watershed Development Level Index

Ranking	Site Name	Site Number	Development Level	Development Category
1	Isle aux Mort River	ZB0001	0.273	Low
2	Rattle Brook	ZG0025	0.273	Low
3	White Bear River	ZC0011	0.364	Low
4	Eagle River	QC0001	0.364	Low
5	Bread Cove Brook	YS0010	0.364	Low
6	Western Brook	YE0005	0.364	Low
7	Terra Nova River (@ Newton Lake)	YS0012	0.364	Low
8	Spout Cove Brook	ZL0001	0.455	Low
9	Grandys Brook	ZC0001	0.455	Low
10	South West Brook (@ Terra Nova Park)	YS0005	0.455	Low
11	Grey River	ZD0003	0.545	Low
12	Southern Bay River	ZJ0024	0.545	Low
13	Pipers Hole River	ZH0001	0.545	Low
14	Wild Cove Brook	YL0029	0.545	Low
15	Bay du Nord River	ZF0020	0.545	Low
16	Ste. Genevieve River	YA0001	0.636	Low
17	Pinchgut Brook	YJ0004	0.636	Low
18	Portland Creek	YE0004	0.636	Low
19	Seal Cove River	ZM0019	0.636	Low
20	Garnish River	ZG0016	0.636	Low
21	Lloyds River	YN0001	0.727	Low
22	Gander River	YQ0005	0.727	Low
23	Northwest Brook	ZN0002	0.727	Low
24	South Branch River	ZA0001	0.727	Low
25	Pound Cove Brook	YR0001	0.727	Low
26	Torrent River	YC0001	0.818	Low
27	Cing Cerf Brook	ZB0005	0.818	Low
28	Tides Brook	ZG0024	0.818	Low
29	Middle Brook	YR0021	0.818	Low
30	Grand Bank Brook	ZG0026	0.818	Low
31	Main River	YG0001	0.818	Low
32	Mundy Pond	ZM0109	0.818	Low
33	Hearts Content Brook	ZL0002	0.909	Low
34	Northeast River	ZK0005	0.909	Low
35	Terra Nova River (@ Terra Nova)	YS0001	0.909	Low
36	Goulds Brook	ZL0029	1	Low
37	North West Gander River	YQ0006	1	Low
38	Upper Humber	YL0011	1	Low
39	Terra Nova River (@ ES Spencer Bridge)	YS0011	1	Low
40	Crabbes River	ZA0007	1	Low
41	Kellys Brook	ZM0144	1	Low
42	Salmonier River	ZN0004	1.091	Medium
43	Lomond River	YH0018	1.182	Medium
44	Grand Codroy	ZA0006	1.182	Medium
45	South West Brook (@ Baie Verte)	YM0004	1.182	Medium
46	Jeddore Lake	ZE0018	1.182	Medium
47	Rennies River (@ Carnell Dr)	ZM0016	1.182	Medium
48	Gander River (@ Appleton)	YQ0030	1.27	Medium
49	Harrys River	YJ0006	1.273	Medium
50	Mobile River	ZM0018	1.273	Medium
51	Broad Cove Brook	ZM0020	1.273	Medium
52	Quidi Vidi Lake	ZM0015	1.273	Medium
53	Virgina River (@ Boulevard)	ZM0014	1.273	Medium
54	Waterford River (@ Kilbride)	ZM0009	1.364	Medium
55	Indian Brook	YM0001	1.455	Medium
56	Rocky River	ZK0001	1.455	Medium
57	Exploits River (@ Aspen Brook Park)	YO0020	1.455	Medium
58	Corner Brook	YL0013	1.545	Medium
59	Raymond Brook	ZM0017	1.545	Medium
60	Exploits River (b/ Millertown Dam)	YO0107	1.636	Medium
61	Exploits River (@ Bishops Falls)	YO0021	1.818	Medium
62	Churchill River	OE0001	1.818	Medium
63	Humber Canal	YK0022	2	Medium
64	Lower Humber	YL0012	2.091	High
65	Exploits River (@ Grand Falls)	YO0001	2.273	High

Yellow	Labrador
Purple	Western
Pink	Central
Light Green	Eastern