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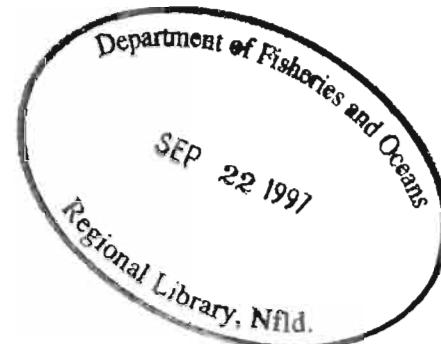
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Water Chemistry Data from a Monitoring Program Designed to Detect Changes in the Long Range Transport of Acidic Pollutants into Nova Scotia's Acidified Atlantic Salmon Rivers

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**Water Chemistry Data from a Monitoring Program Designed to Detect Changes in the Long Range
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Abstract

Watt, W. D., C. D. Scott and P. Mandell. 1996. Water chemistry data from a monitoring program designed to detect changes in the long range transport of acidic pollutants into Nova Scotia's acidified Atlantic salmon rivers. *Can. Data Rept. Fish Aquat. Sci.* **972**, 103p.

Locations and catchment descriptions are given for nine water sampling sites on acidified (acid rain) Atlantic salmon rivers in Nova Scotia, and monthly water chemistry data and water temperatures from these sites for the period 1981 - 1994. This is part of a program to monitor the recovery from acidification that is expected to follow the international agreement for the control of sulphate emissions. Emissions are expected to decline to target levels over the period 1995 - 2000.

Résumé

Watt, W. D., C. D. Scott and P. Mandell. 1996. Water chemistry data from a monitoring program designed to detect changes in the long range transport of acidic pollutants into Nova Scotia's acidified Atlantic salmon rivers. *Can. Data Rept. Fish Aquat. Sci.* **972**, 103p.

On décrit ici l'emplacement et le bassin versant de neuf sites d'échantillonnage de l'eau dans les rivières à saumon de l'Atlantique acidifiées (pluies acides) de la Nouvelle-Écosse et on fournit des données mensuelles sur la chimie et les températures de l'eau dans ces sites de 1981 à 1994. L'échantillonnage s'inscrit dans un programme de surveillance du rétablissement après l'acidification, qui devrait découler de l'entente internationale sur la lutte contre les émissions de sulfate. Celles-ci devraient régresser vers les niveaux-cibles au cours de la période 1995-2000.

Introduction

After a 1978-80 survey and review of water chemistry data from salmon rivers in Nova Scotia, New Brunswick and Prince Edward Island, Watt (1981) concluded that severe (toxic) acidification was restricted to the Southern Upland, an area of granites and metamorphic rocks along the Atlantic coast, comprising about half of mainland Nova Scotia's land area. During 1980-81 monthly water chemistry was done on 23 rivers flowing through the Southern Upland (Watt, Scott and White; 1983), and acid levels were compared with fish population (electrofishing) levels. Atlantic salmon juveniles were absent from all rivers with mean pH of 4.7 or less, even though angling records showed salmon present up to about 1960. Also, when historical chemistry (1954-55) on four rivers was compared to that from 1980-81, all four showed pH and alkalinity (double end point) declines.¹ Angling records from 22 of the rivers indicated that yields had declined (beginning about 1954) on ten rivers where the pH was less than 5, but there was only one significant decline in the angling data from twelve rivers with pH greater than 5. Subsequent surveys showed (Watt, 1986) that of 60 rivers containing salmon habitat and flowing through the Southern Upland, the salmon populations were extinct in 13 rivers where the pH was less than 4.7, much reduced in 18 rivers of pH 4.7-5, somewhat reduced in 13 rivers with pH 5-5.4, and apparently unaffected in 16 rivers with pH above 5.4. The Atlantic salmon populations of Nova Scotia's Southern Upland rivers are the only Canadian fishery resource for which strong internationally accepted scientific evidence has been published that directly links the decline of the resource to the long range transport of acid pollution (Watt, 1981; Watt *et al.*, 1983; Watt, 1986; Watt, 1987; Lacroix, 1989 and ICES, 1989). The fate of the remaining Southern Upland salmon populations, and chemical trends in these rivers are therefore considered to be key indicators of the progress of the acid pollution control measures.

Since acid rain is a trans-boundary problem, Canada has promoted and participated in both national and international control agreements. The Eastern Canadian SO₂ control program was established in 1985 whereby the seven eastern provinces agreed to achieve, by 1994, a 50 percent reduction in annual SO₂ emissions, from the 1980 base of 4516 kilotons. In the United States, the Clean Air Act of 1990 requires a 9000 kilotons reduction in SO₂ emissions by the year 2000. This is to be achieved in two phases: phase I affecting 110 sources took effect on Jan 1, 1995; and phase II affecting over 2000 sources is due to come into effect on January 1, 2000. The Clean Air act paved the way for the negotiation and signing of the Canada/United States Air Quality Accord in March of 1991. The first annex to the accord sets a permanent cap on emissions from Canada of 3200 kilotons and from the United States of 13,300 kilotons. These emission reductions will result in less acid deposition and a substantial degree of recovery is to be expected in Nova Scotia's acidified rivers, especially in the Atlantic salmon populations of those rivers with borderline toxicity (pH 5-5.4).

Since 1981 the Canadian Department of Fisheries and Oceans has carried out a "biomonitoring" program to follow the fate of fish populations in a selection of Southern Upland rivers. River invertebrate monitoring was also added to the program in 1987. The monitoring program was designed to detect major chemical and biological trends. It was not intended to be representative of the entire acid sensitive Southern Upland area of Nova Scotia. This report presents the water chemistry data from nine sites in this program for the 14 years from 1981 to 1994. Fish and invertebrate population data from this program will be the subjects of separate reports.

¹ The data also show increases in sulphate levels, but this is much less certain because the techniques employed for the sulphate analyses in 1980-81 (colourimetric with barium and methyl thymol blue) was subsequently shown to be subject to interference from the coloured organic carbon compounds that are also present in Nova Scotia river waters (Cronan, 1979; Kerekes, Howell and Pollock, 1984).

Sampling Sites

The river sampling sites were chosen to provide as wide a range of toxicity (pH) conditions as feasible, so as to be able to detect the biological and chemical changes that could result from either increasing or decreasing levels of acid precipitation. Most of the chemical monitoring sites were chosen so as to be representative of the largest feasible drainage area with year round ease of access. Consideration was also given to avoiding an excess of road salt and drainage from upstream urban areas. Generally the sites are just upstream of a highway bridge. At the beginning of the program there were twelve water chemistry monitoring sites, of which nine remain. They are on Canaan, Gold, Ingram, Middle, Nine Mile, Sackville and Salmon rivers, and two on the LaHave River (main LaHave and West River). Other sites in the East (Chester), East (St. Margarets Bay) and Sackville rivers were dropped: East River because of a liming program (begun in 1986), Sackville River because of the establishment of a major landfill on the drainage (in 1983, the remaining site on Sackville river is above the landfill), and East (St. Margarets Bay) because of major housing and industrial developments upstream of the site (in 1985). Three of the rivers (Nine Mile, Sackville and Salmon) were deliberately selected to surround the city of Halifax, N.S., so as to be able to isolate and quantify the local acidification problem reported by Watt, Scott and Ray (1979).

The complete drainages for the nine rivers are depicted in the maps of figures 1, 2 & 3, with arrows indicating the water sampling site locations relative to the total drainages. Fig 1 shows the drainages of Gold, Middle and Canaan rivers which empty into Mahone Bay, on the southwest Atlantic coast of Nova Scotia. Fig 2 shows the drainages of Ingram, Nine Mile, Sackville and Salmon rivers, which are near Halifax, Nova Scotia. Fig 3 shows the drainage of the LaHave River and its West River tributary, which drain into the Atlantic Ocean on the southwest coast of Nova Scotia. The detailed water sampling site location maps are in figures 4-11, with arrows pointing to the sites.

The drainage system of **Canaan** River (a tributary East River, which is also shown), is depicted in Fig 1. The Canaan/East system drains into Mahone Bay, on the Atlantic coast of Nova Scotia. The drainage area above the Canaan River site is 65 km². The bedrock geology is entirely granitic. The surface geology of the southern 2/3 of the drainage is granitic till (sandy to rocky) with occasional exposed bedrock, and the northern 1/3 is covered with sandy or gravelly Lawrencetown till and drumlins. The soils are thin podzols with about 80% forest cover. The forest is mixed, with softwoods predominant. Bogs are common, especially between the drumlins. The drainage area is uninhabited except for a few homes at Canaan. The location of the Canaan River water sampling site is indicated by the black arrows on the maps in Fig 1 and Fig 4. The site is about seven km from Highway 3. The turn-off is between the communities of Hubbards and East River. It is a dirt road called Mersey Woods Road. Take the left branch about 2.5 km in, and another left down to the river at about 7 km. This is the site of a washed out bridge. The sampling site is on the east side of the river above the remains of the bridge and below the remains of a dam at the outlet of Connaught Lake. There is a Water Survey of Canada gauge on the west side of the river (station no. 01EH006). The site is about 5 km upstream of the confluence with East River, which is presently being treated with limestone, as an acid mitigation and Atlantic salmon wild stock preservation project.

The **Gold** River drainage system, emptying into Mahone Bay, is also depicted in Fig 1. The drainage area above the sampling site is 370 km². The bedrock geology is 90% granitic and 10% greywacke. The basin is 80% covered with stony to sandy till; about 10% is covered (north of New Ross) by silty drumlins containing some material of distant origin; and about 10% is bedrock, bare or with a very thin veneer of soil. There are several small rural communities within the drainage. Most of the soil cover is thin podzol, but there is better soil and some minor agriculture on the drumlins near New Ross. The Gold River water sampling site (Fig 1 and Fig 5) is accessed from Beech Hill Road, about 2.5 km from the Hwy. 3 turnoff, which is about 1/3 km past where Hwy. 3 crosses Gold River. The site is above Mosher's Falls, at the Water Survey of Canada gauge (station no. 01EG002), where there is a cableway across the river.

The **Ingram** River drainage basin is depicted in Fig 2. It flows into St Margarets Bay, on the Atlantic Coast of Nova Scotia, about 30 km west of the city of Halifax, Nova Scotia. The drainage area above the sampling site is 100 km². The bedrock geology is granitic, but there are few outcrops, the whole

basin is covered by a sandy granite till, with a thin podzol soil. The forest cover is about 80% and it is mainly softwood. The basin is entirely uninhabited. The position details of the Ingram River sampling site are depicted in Fig 6. The site is accessed from Hwy. 103 by turning north onto a dirt road (logging) one km west of the Ingram River bridge. Cross the powerline and then take the right fork downhill to the wooden bridge. The sampling site is just upstream of the bridge.

The **LaHave** system (Fig 3) is one of Nova Scotia's larger rivers. It flows into the Atlantic Ocean, on the southwest coast of Nova Scotia. The drainage area above the LaHave River sampling site is 1250 km². The bedrock geology is 10% greywacke, 20% slate and 60% granitic. This is about 50% covered with sandy to stony till and 50% with drumlins containing a quantity of material of distant origin, probably Triassic sandstone (cemented with calcite) from the Annapolis Valley. Most of the drumlins are exploited for agriculture, and there are many farming communities and several villages within the drainage. Forest cover is about 50% (mostly between the drumlins), primarily softwoods. A detailed local map of the LaHave River water sampling site is depicted in Fig 7. The site is just above Bruhms Bridge, near the community of West Northfield, adjacent to the Water Survey of Canada gauge site (station no. 01EF001). The site is accessed from Hwy. 10.

The **Middle** River drainage is shown in Fig 1, and a detailed water sampling site location map is provided in Fig 5. The Middle River flows into Mahone Bay, along the southwest Atlantic coast of Nova Scotia, between Canaan and Gold rivers. There are 150 km² of drainage area above the sampling site. The area is sparsely inhabited (mostly along highways 12 and 14). The bedrock of the basin is 10% slate, 15% greywacke and 75% granitic. The rock is about 95% covered with sandy to stony till, and there is about 5% that is exposed bedrock or very thin soil cover in the northern portion of the drainage. There are also a few drumlins. Forest cover is about 80%, mostly softwoods. Access to the Middle River water sampling site is from Hwy. 103, and the site is immediately upstream of the Hwy. 103 bridge.

The **Nine Mile** River (Fig 2) drains into Shad Bay, on the Atlantic Ocean. There are 50 km² of drainage area above the water sampling site, and the area is about 15 km west of the city of Halifax. The bedrock is 10% slate, 15% greywacke and 75% granite. The surface geology is almost entirely granite till, with a few drumlins (Lawrencetown till) near the north end of the drainage in the vicinity of Cox Lake. Forest cover is about 60%, mostly softwoods, there are many small bogs and there is a large boggy area north of Frasers Lake. Low-density housing development is occurring in the drainage. Details of the Nine Mile River sampling site are depicted in Fig 8. It is in the community of Timberlea, outside Halifax, and is accessed from Hwy. 3, 1.4 km northwest of the Nine Mile River bridge. The site is behind the Timberlea Anglican church, on the south side of the river, 1/2 km below the Stillwater Run confluence and 1 km below Frasers Lake.

The drainage of the **Sackville** River, emptying into Bedford Basin, near Halifax, is depicted in Fig 2. The site is located quite high on the system to avoid urban influence. There are 30 km² of drainage area above the site. The area is about 30 km northwest of the city of Halifax. The bedrock geology of the drainage area above the site is 50% slate and 50% greywacke. The drainage is 2/3 covered with granitic till and 1/3 with sandy (Lawrencetown) till, and drumlins. There is minor agricultural activity in the area of the drumlins. Forest cover is about 60%, primarily softwoods, and there are several large bogs. The site is about 2 km upstream from Halifax's present landfill site, at Upper Sackville. The immediate vicinity of the Sackville River water sampling site is depicted in Fig 9. It is just upstream of the Hwy. 3 bridge, between the communities of Lewis Lake and South Uniacke.

The **Salmon** River drainage is depicted in Fig 2. It flows into the Atlantic Ocean about 20 km east of Halifax, N.S. The upstream drainage area is 100 km². The bedrock geology is 10% slate, 40% greywacke and 50% granite. The surface geology is 40% sandy to rocky quartzite till, 45% sandy to gravelly granite till (the granite and quartzite tills overlie Lawrencetown till in some areas), and about 15% exposed or very thinly covered bedrock (in the Tittle Lake vicinity). The drainage has about 70% forest (softwood) cover. The drainage is uninhabited except for the little community of Goffs at the northern edge of the basin, near the Halifax International Airport. One corner of the airport runway area (about 1 km²) is also in the drainage. The Salmon River water sampling site is accessed from Hwy. 7 (Fig 10) in the community of Lake Echo. It is upstream of the Hwy. 7 bridge, between lakes Echo and Martin.

The **West** River, shown in Fig 3, is a tributary of the LaHave River that is upstream of the LaHave River sampling site. The drainage area above the West River site is 110 km². The bedrock

geology is 10% greywacke, 25% slate and 65% granitic. The basin is 60% covered with stony to sandy Lawrencetown till, about 15% is covered with drumlins, and 5% with bogs (most notably in the vicinity of Big LaHave Lake), and about 20% is exposed or thinly veneered bedrock. The West River drainage is sparsely inhabited, with about 80% softwood forest cover, much of which is regrowth on old farms. The West River water sampling site is accessed from Hwy. 208, above the bridge that is between the communities of Simpsons Corner and Hemford (Fig 11).

Water chemistry data (and site location information) from all of the sites covered in this report have been incorporated into Canada's environmental data base (ENVIRODAT), which is maintained by Environment Canada, Ottawa. The ENVIRODAT site numbers are:

Canaan	NS01EH0009	Gold	NS01EG0007
Ingram	NS01EH0004	LaHave	NS01EF0002
Middle	NS01EG0009	NineMile	NS01EJ0002
Sackville	NS01EJ0017	Salmon	NS01EK0001
West	NS01EF0004		

Data Collection and Analytical Procedures

This data set has a considerable advantage, from the point of view of continuity and homogeneity of data quality, in that the same scientist (Watt) and the same field technician (Scott) were responsible for this program throughout the entire period from 1981 to the present. The chemical analyses of Table 1 were all done by Scott during the period 1981 - 1983, and then by Mandell from 1984 to the present.

The water samples were collected by wading into the water, facing upstream, and rinsing each sample bottle (with river water) three times before filling. Under icy conditions the bottles were fastened to the end of a long rod for collecting the sample. Bottle labels were filled in immediately after collection with a unique serial sample number, the site name, date, and the ENVIRODAT site number. Typically four 500 ml bottles were collected; one for immediate pH estimation; one for the laboratory analyses of Table 1; one for major ion chemistry (Table 2a&b); and one, visually recognizable because of a different shape, for metal (Table 2a) analyses. The contents of the bottles destined for metals analysis were acidified with HNO₃.

The water chemistry data presented in Table 1 (p 17-47) are the results of analyses performed either in the field, or, within 48 hours of sample collection, at the Department of Fisheries and Oceans water chemistry laboratory at 1707 Lower Water Street in Halifax, N.S. The analytical procedures were as follows:

Water temperature was measured in the field using a standard laboratory mercury thermometer with a bucket attachment. The bucket thermometer was allowed to remain in the river for several minutes while the water samples were being collected, after which the thermometer was retrieved and the temperature recorded. The same thermometer was employed throughout this study.

The **pH** levels were measured (as per Galloway *et al.*, 1979) both in the field and in the laboratory using Metrome model 588 pH meters and these values were compared. When a difference of >0.05 pH units occurred the water sample was reanalyzed, or, if necessary, the site was resampled. The pH values of Table 1 are those from the laboratory measurements.

Acidity was by titration with sodium hydroxide to the pH 8.3 endpoint.²

Hardness by EDTA titration.²

Specific conductance by Radiometer conductivity meter.²

² The analyses were performed with the procedures described in the "Analytical Methods Manual", 1981 edition, published by Environment Canada, Inland Waters Directorate, Water Quality Branch, Ottawa, Canada.

Apparent colour was by comparison with coloured glass discs (Hellige Aqua Tester) matched to platinum-cobalt standards.²

Bicarbonate alkalinity (measured on water samples with pH>5.3) was by double end point titration with hydrochloric acid.²

Most of the data presented in Tables 2a (p 48-75) and 2b (p 76-103) are from water chemistry analyses performed by the Water Quality Branch of Environment Canada at the Moncton, New Brunswick, laboratory. The water samples were stored at 4° for 2-8 weeks prior to the following analyses: **colour** (apparent) by comparison to coloured glass discs matched to standard chloroplatinate-cobalt solutions; **specific conductance** by Radiometer conductivity meter; **organic carbon** by acid-persulphate-UV digestion followed by colourimetry; **pH** with a Radiometer pH meter; **aluminum, calcium, magnesium, iron and manganese** by atomic absorption spectrophotometry on acidified water samples; **sodium and potassium** by flame photometry; **chloride, nitrate and sulphate** by ion chromatography; **silica (reactive)** by colourimetry with heteropoly blue; **fluoride** by specific ion electrode; and **acid neutralization capacity (ANC)** by Gran titration.³

From June 1982 to March 1984 (20 months) the water chemistry analyses were performed at the Environmental Chemistry Laboratory, at the Victoria General Hospital, Halifax, Nova Scotia (there was also double sampling and analyses for the LaHave River in 1985). The analyses for ammonia levels, which were only done by this laboratory, were by colourimetry with O-tolidine. The other analytical techniques employed were essentially identical to those above, except for sulphate, which was done with ultraviolet light oxidation of organic matter prior to colourimetry with methyl thymol blue. This procedure yields results that are virtually identical to ion chromatography. The two laboratories were always within 10% in inter-laboratory comparisons of unknown water samples (LRTAP Interlaboratory Comparison Studies Program, performed every four months, and coordinated, in Canada, by Canada Center for Inland Waters, Burlington, Ont.). With sulphate, a comparison of 56 analyses by ultraviolet oxidation and ion chromatography, done for the Interlaboratory Comparison Studies Program, yielded a R value of 0.9966, with an intercept not significantly different from 0 and a slope not significantly different from unity. Colour of the 56 water samples used in the tests ranged from 5-150 Pt-Co units.

References

- Cronan, C.S. 1979. *Anal. Chem.* **51**: 1333.
- Galloway, J. N., B. J. Cosby Jr. and G. E. Likens. 1979. *Limnol. Oceanog.* **24**: 1161.
- ICES. 1989. Report of the study group on toxicological mechanisms involved in the impact of acid rain and its effects on salmon. ICES, Copenhagen, C.M.1989/M:4, Ref. E., 67p.
- Kerekes, J., G. Howell and T. Pollock. 1984. *Vehr. Internat. Verein. Limnol.* **22**: 1811.
- Lacroix, G. L. 1989. *Can. J. Fish. Aquat. Sci.* **46**: 2003.
- Watt, W. D. 1981. Present and potential effects of acid precipitation on the Atlantic salmon in eastern Canada, in *Acid Rain and the Atlantic Salmon*, Lee Sochasky [Ed.], IASF Spec. Publ. Ser. **10**, 39-45.
- Watt, W. D. 1986. *Water, Air, and Soil Pollution.* **31**: 775.
- Watt, W. D. 1987. *Water, Air, and Soil Pollution.* **35**: 27.
- Watt, W.D., D. Scott and S. Ray. 1979. *Limnol. Oceanog.* **24**: 1154.
- Watt, W. D., C. D. Scott and W. J. White. 1983. *Can. J. Fish. Aquat. Sci.* **40**: 462.

³ These methods are described in detail in the "Analytical Methods Manual", published in looseleaf and periodically updated by Environment Canada, Inland Waters Directorate, Water Quality Branch, Ottawa, Canada.

Figure 1. Drainage map of Gold, Middle and Canaan rivers, all flowing into Mahone Bay on the Atlantic Coast of Nova Scotia. Arrows mark sampling sites.

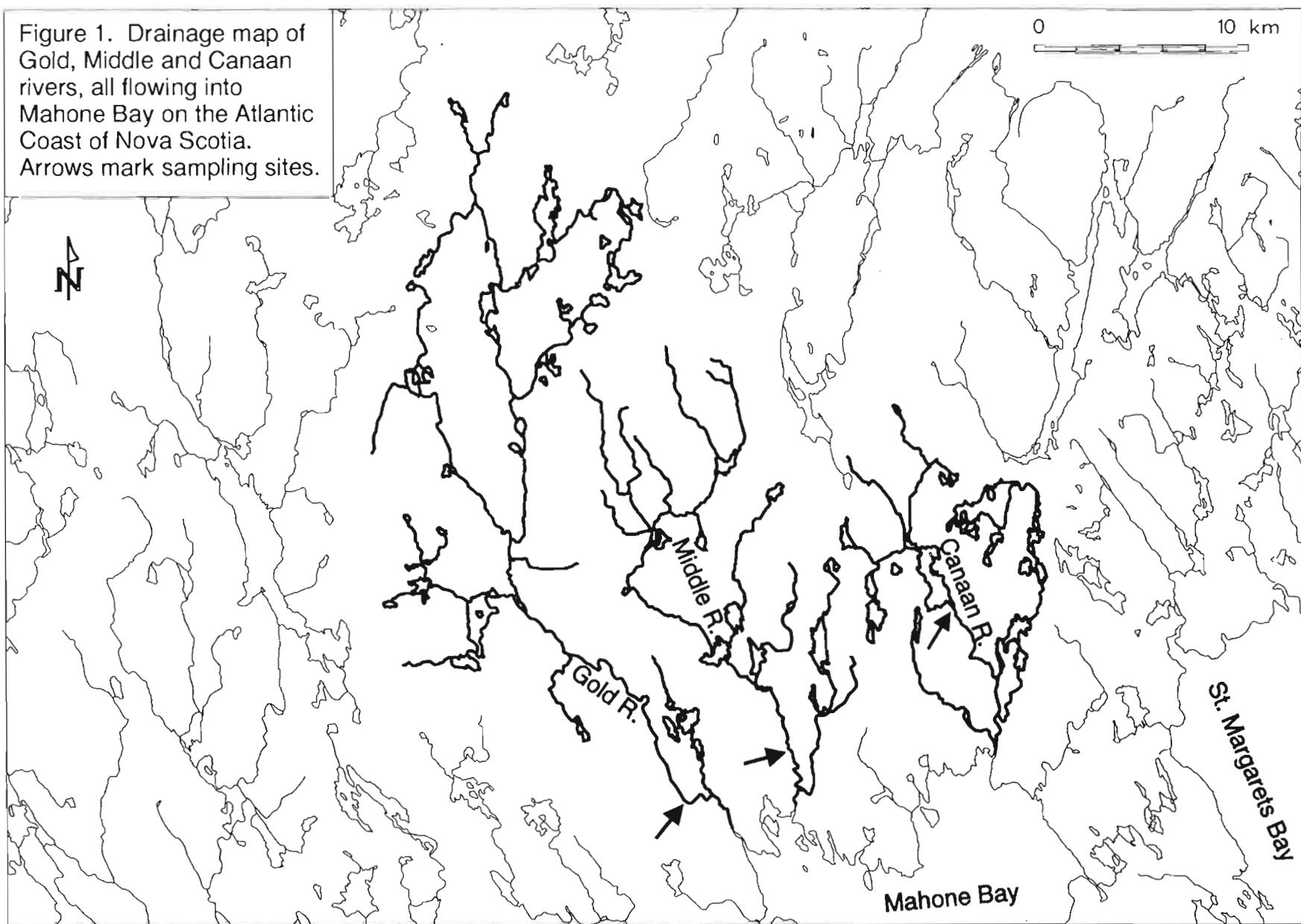


Figure 2. Four river drainages near Halifax, N.S.: Ingram River flowing into St Margarets Bay, Nine Mile River into Shad Bay, Sackville River into Bedford Basin, and Salmon River which flows directly into the Atlantic Ocean. Arrows indicate the water sampling sites.

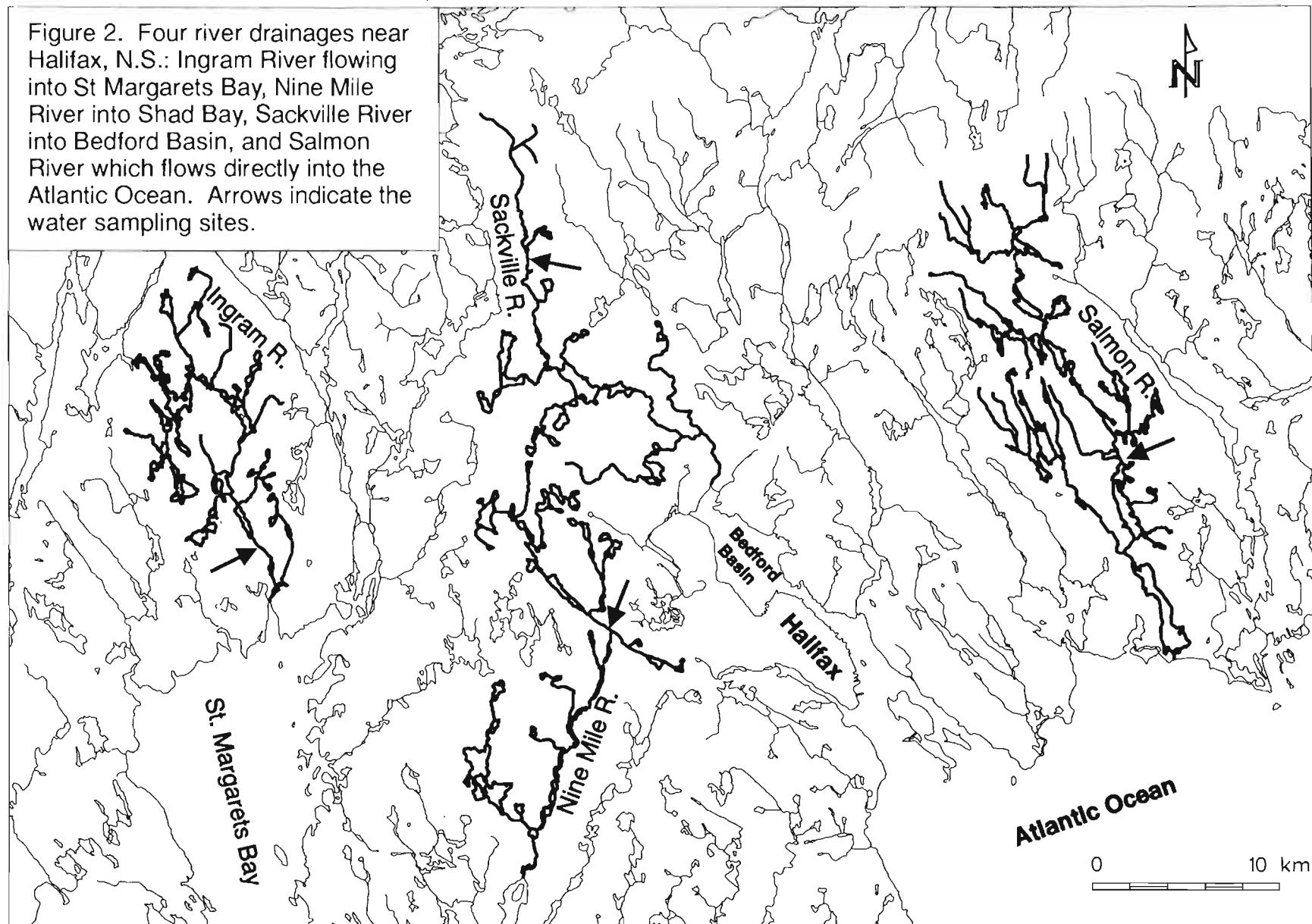


Figure 3. Drainage map of the LaHave River system, including the West River tributary, flowing into the LaHave estuary on the Atlantic coast of Nova Scotia. Arrows mark sampling sites.

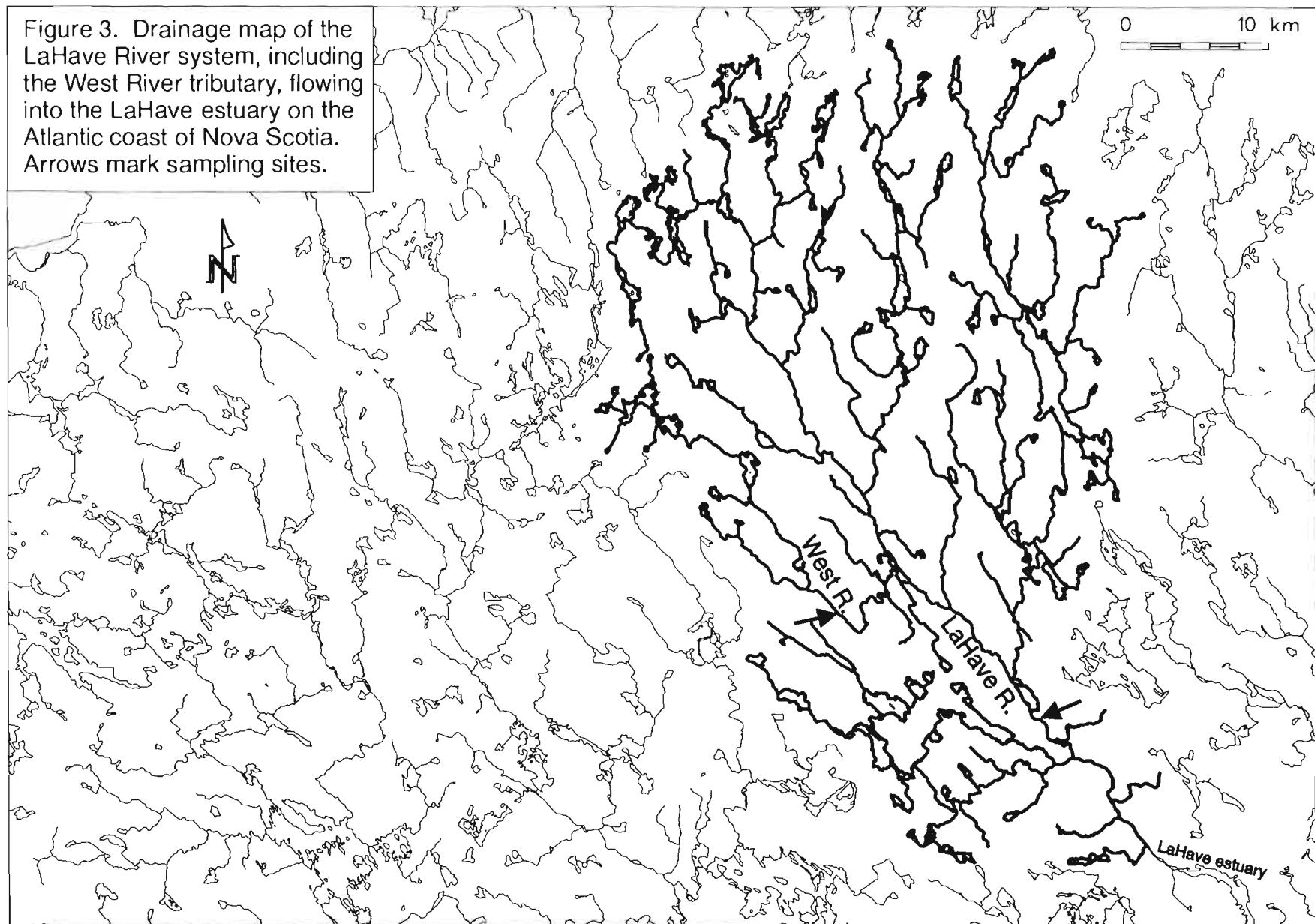
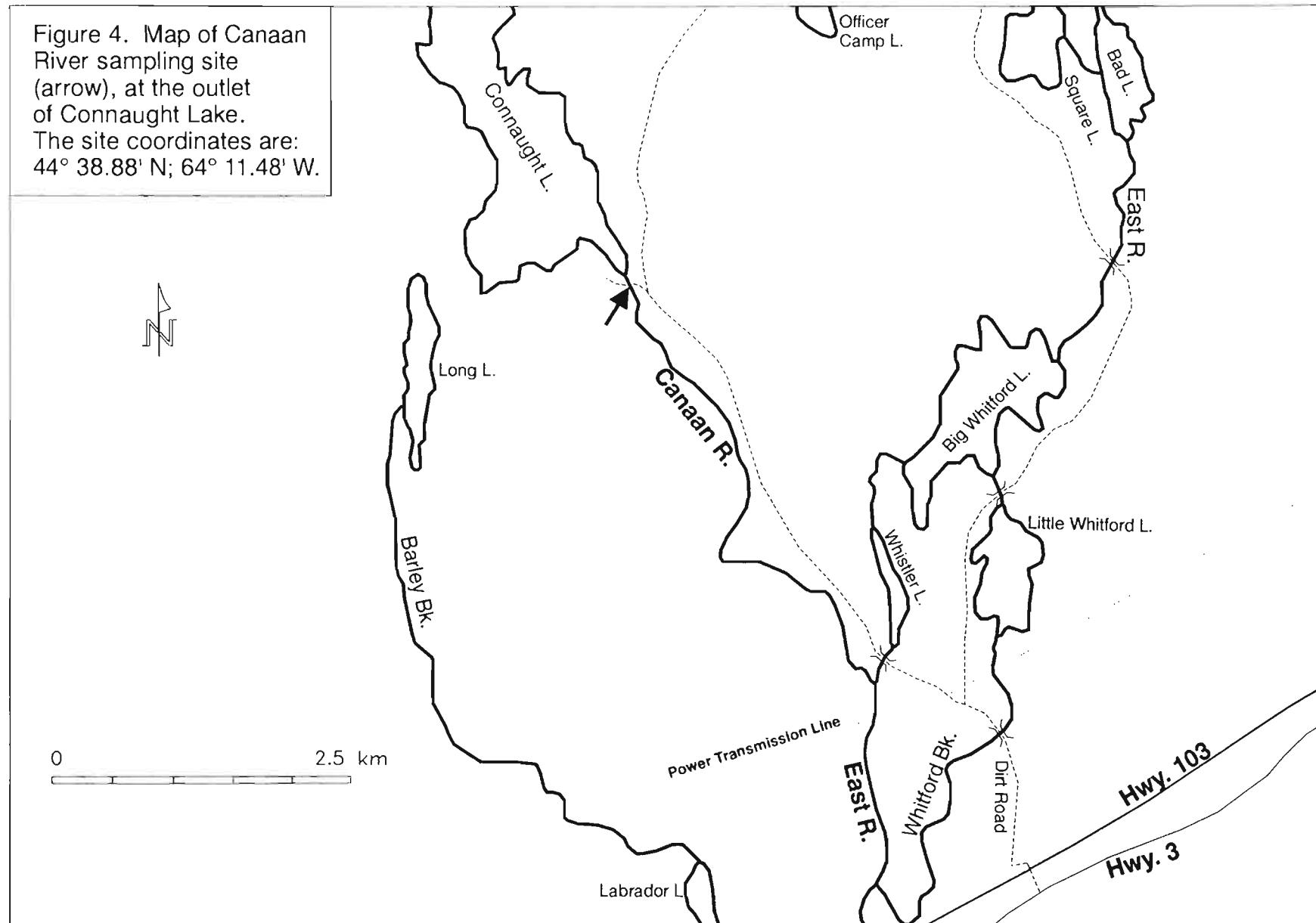


Figure 4. Map of Canaan River sampling site (arrow), at the outlet of Connaught Lake. The site coordinates are: $44^{\circ} 38.88' N$; $64^{\circ} 11.48' W$.



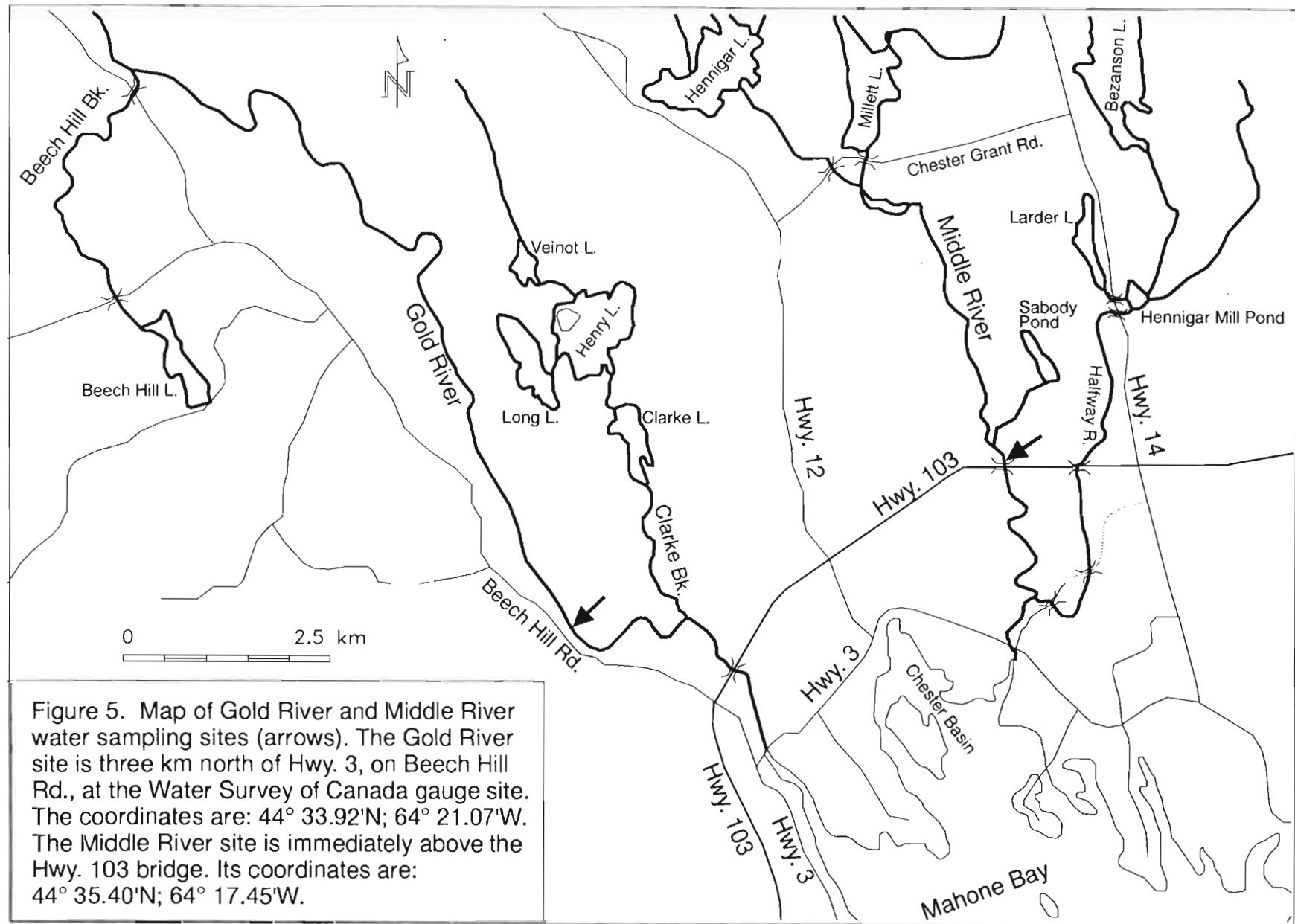
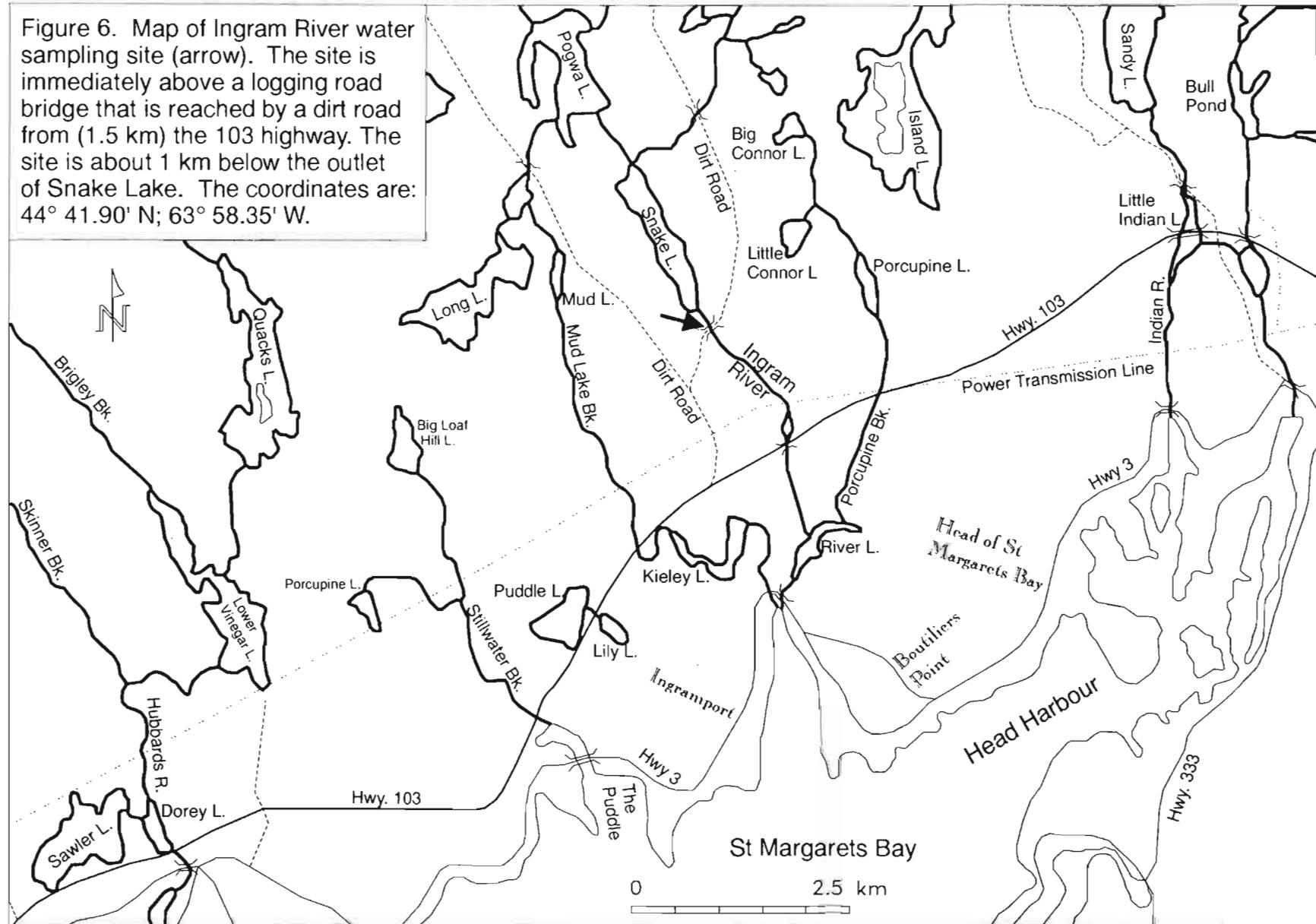
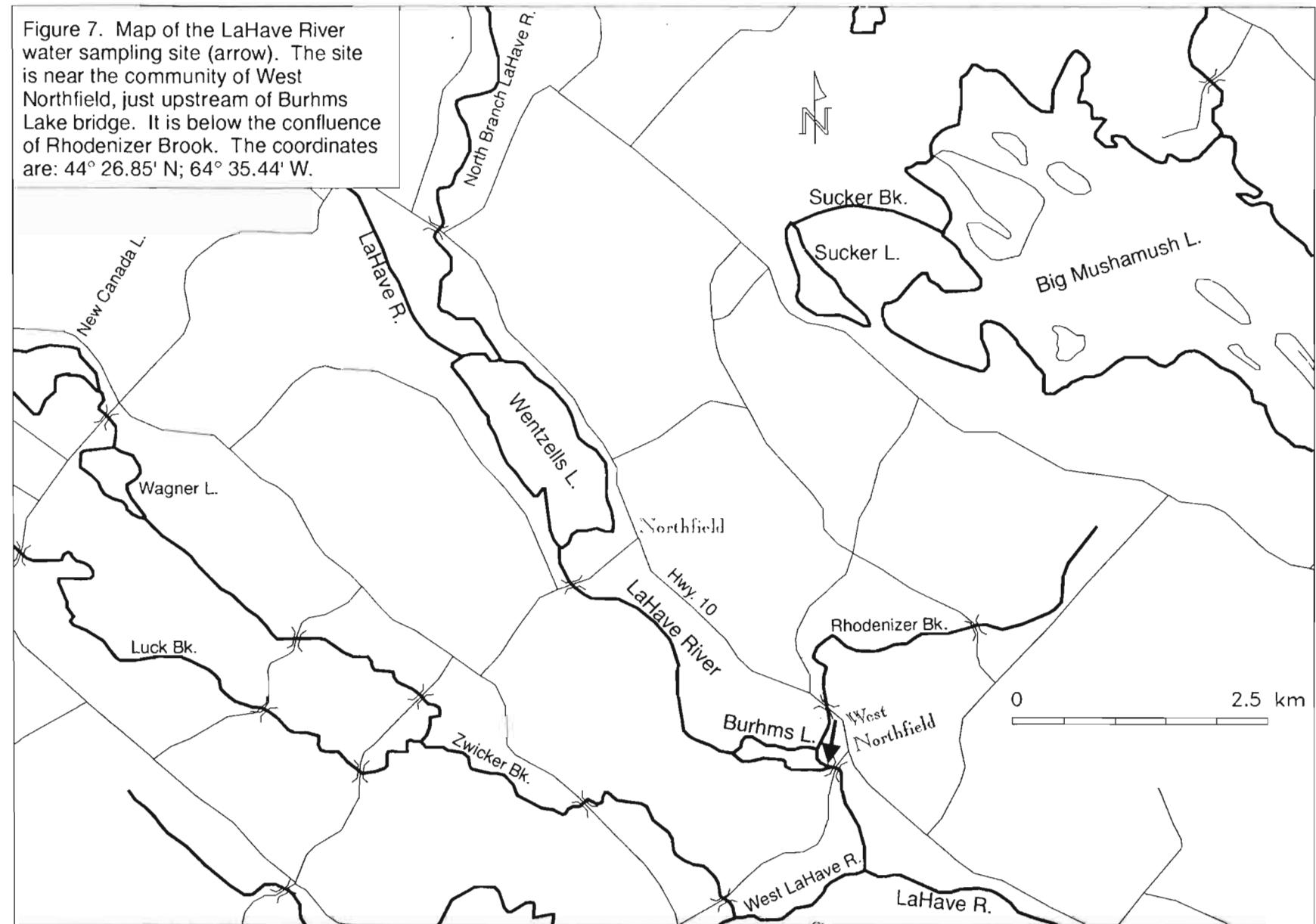


Figure 5. Map of Gold River and Middle River water sampling sites (arrows). The Gold River site is three km north of Hwy. 3, on Beech Hill Rd., at the Water Survey of Canada gauge site. The coordinates are: $44^{\circ} 33.92'N$; $64^{\circ} 21.07'W$. The Middle River site is immediately above the Hwy. 103 bridge. Its coordinates are: $44^{\circ} 35.40'N$; $64^{\circ} 17.45'W$.

Figure 6. Map of Ingram River water sampling site (arrow). The site is immediately above a logging road bridge that is reached by a dirt road from (1.5 km) the 103 highway. The site is about 1 km below the outlet of Snake Lake. The coordinates are: 44° 41.90' N; 63° 58.35' W.





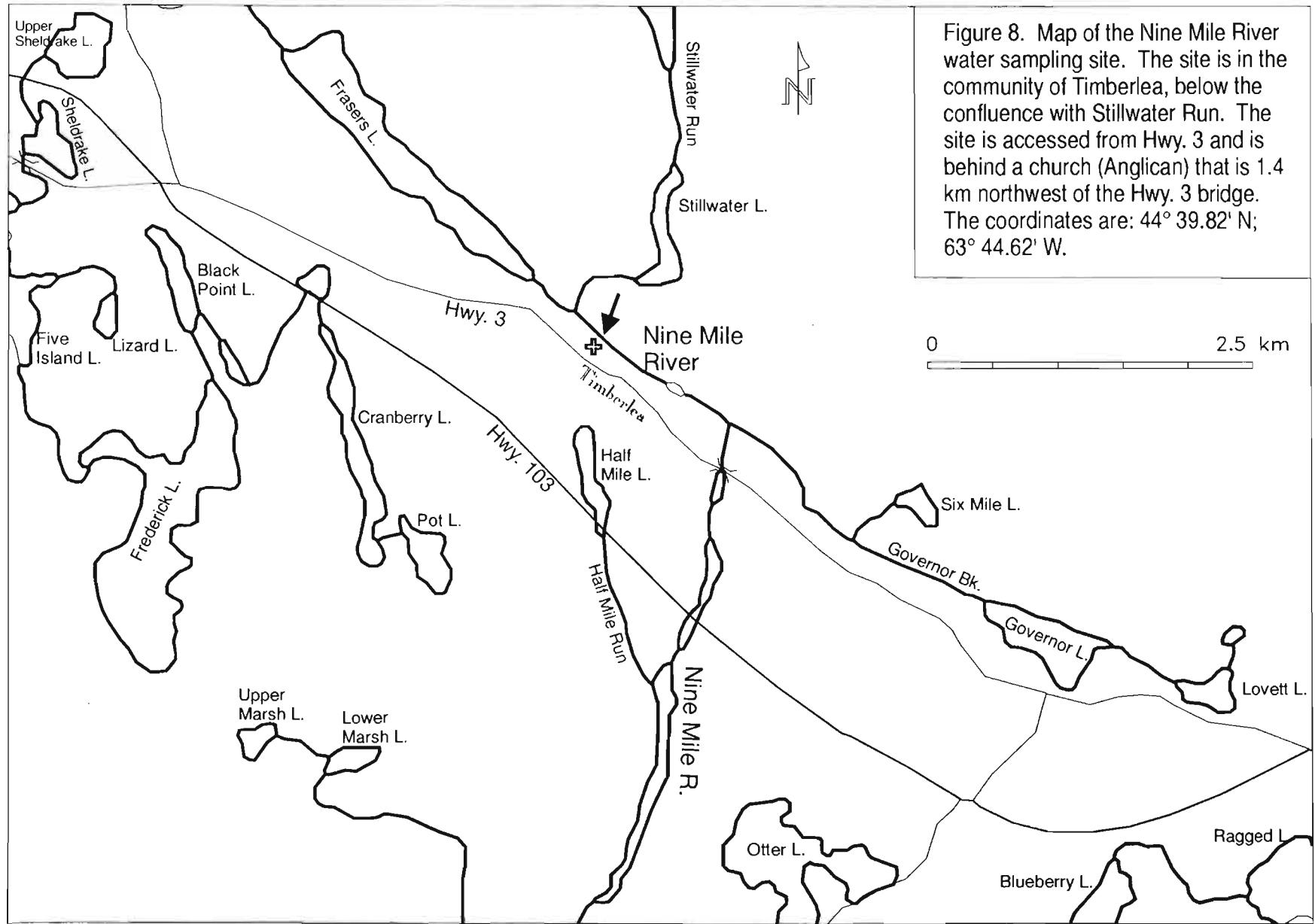
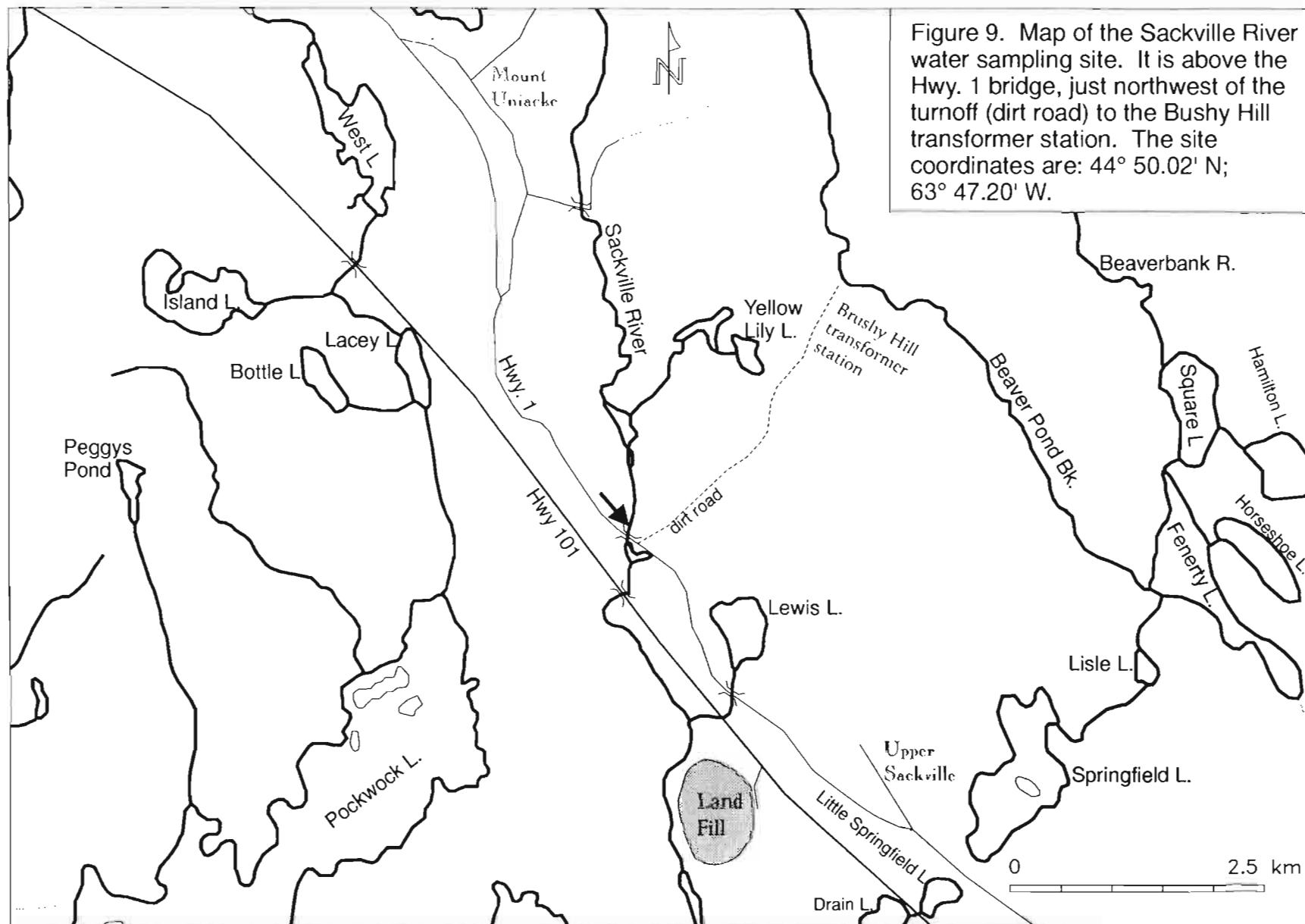


Figure 8. Map of the Nine Mile River water sampling site. The site is in the community of Timberlea, below the confluence with Stillwater Run. The site is accessed from Hwy. 3 and is behind a church (Anglican) that is 1.4 km northwest of the Hwy. 3 bridge. The coordinates are: $44^{\circ} 39.82' N$; $63^{\circ} 44.62' W$.



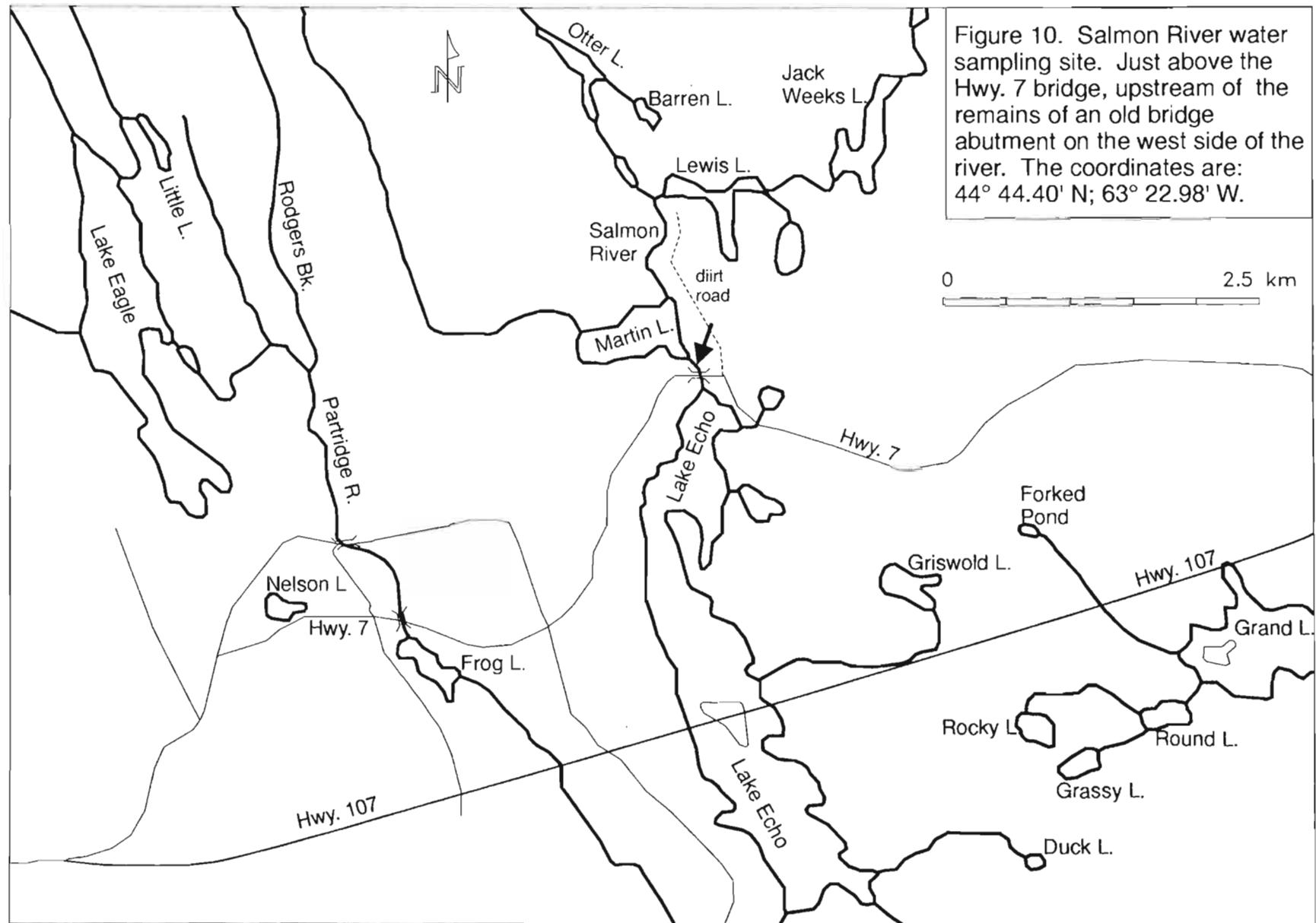


Figure 10. Salmon River water sampling site. Just above the Hwy. 7 bridge, upstream of the remains of an old bridge abutment on the west side of the river. The coordinates are: $44^{\circ} 44.40' N$; $63^{\circ} 22.98' W$.

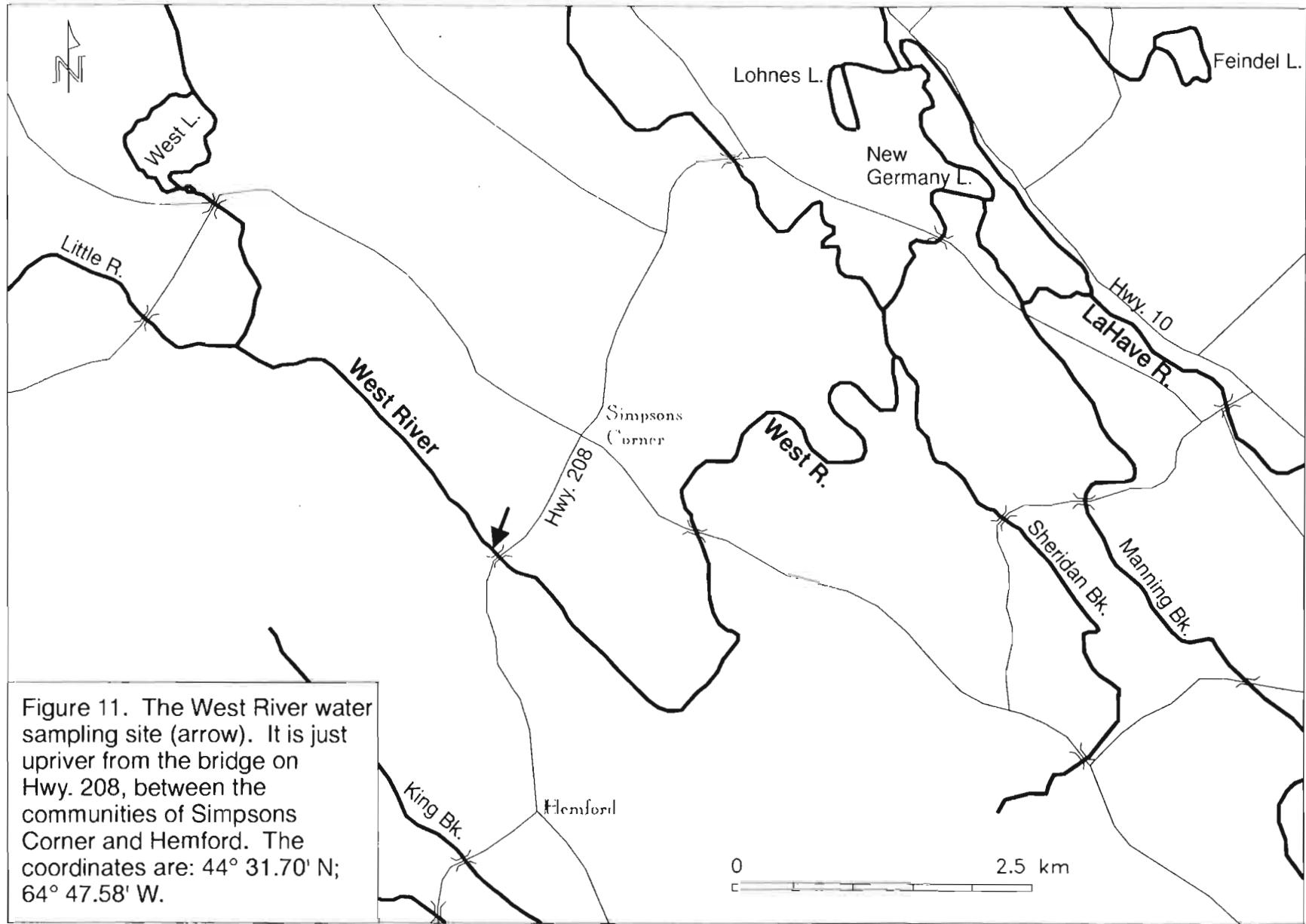


Table 1. Data from the field (water temperature) and from water chemistry analyses done in Halifax (D.F.O. Lab., Lower Water St.) within 48 hr of sampling.

River	Day	Month	Year	Temp. °C	pH	Acidity ppm	Hardness ppm	Conductance μmho/cm	Colour Pt-Co	Alkalinity ppm
Canaan	20	1	81	0.4	4.53					
Canaan	16	2	81	0.9	4.52					
Canaan	23	4	81	5.6	4.53					
Canaan	11	5	81	9.5	4.75	7.90				0.0
Canaan	19	6	81	18.0	4.78					
Canaan	29	7	81	17.1	4.61					
Canaan	31	8	81	21.8	4.98					
Canaan	25	9	81	13.7	4.66					
Canaan	27	10	81	9.9	4.64					
Canaan	23	11	81	6.6	4.37					
Canaan	11	12	81	5.2	4.43					
Gold	20	1	81	0.0	4.92			34	50	0.0
Gold	16	2	81	0.0	4.98			32	50	0.0
Gold	17	3	81	2.0	4.82			27	50	0.0
Gold	23	4	81	6.0	5.22			25	40	0.0
Gold	15	5	81	16.0	5.38			27	80	0.0
Gold	15	6	81	18.5	5.23					0.0
Gold	15	7	81	17.5	5.29					0.0
Gold	15	8	81	22.5	5.89					
Gold	15	9	81	14.0	5.36					
Gold	15	10	81	10.0	5.10					0.0
Gold	15	11	81	6.5	4.79					0.0
Gold	15	12	81	5.0	4.83					0.0
Ingram	20	1	81	0.0	4.85			32	40	0.0
Ingram	16	2	81	0.5	4.78	7.12		33	40	0.0
Ingram	17	3	81	2.0	4.75			31	60	0.0
Ingram	23	4	81	5.5	5.00			26	10	0.0
Ingram	15	5	81	14.5	5.15			33	30	0.0
Ingram	19	6	81	18.0	4.95			26	35	0.0
Ingram	29	7	81	18.0	4.90			27	40	0.0
Ingram	31	8	81	22.0	5.28			26	30	0.0
Ingram	24	9	81	16.0	5.12			29	50	0.0
Ingram	27	10	81	10.0	5.10			29	40	0.0
Ingram	23	11	81	6.5	4.58			36	60	0.0
Ingram	8	12	81	6.0	4.62			29	60	0.0
LaHave	15	1	81	1.0	5.60			35	50	0.5
LaHave	28	1	81	0.0	5.72					
LaHave	16	2	81	0.0	5.20			32	30	0.0
LaHave	20	2	81	0.5	5.70	5.46				
LaHave	16	3	81	1.0	5.80			32	20	0.9
LaHave	25	3	81	2.0	5.78					
LaHave	23	4	81	7.5	6.04					
LaHave	24	4	81	7.0	5.40			27	50	0.0
LaHave	11	5	81	12.0	5.60			29	40	0.8
LaHave	22	5	81	13.0	6.22	4.49				
LaHave	8	6	81	19.5	6.00			28	55	0.5

Table 1. Continued.

River	Day	Month	Year	Temp. °C	pH	Acidity ppm	Hardness ppm	Conductance μmho/cm	Colour Pt-Co	Alkalinity ppm
LaHave	19	6	81	18.0	6.13			28	55	1.5
LaHave	13	7	81	21.0	5.50			30	50	1.8
LaHave	29	7	81	19.0	5.75			33	60	2.1
LaHave	10	8	81	20.0	5.80			35	55	2.4
LaHave	28	8	81	21.0	6.00			32	50	2.0
LaHave	8	9	81	19.5	5.70			32	50	2.1
LaHave	25	9	81	14.0	6.20			51	55	2.8
LaHave	7	10	81	11.0	5.90			49	50	3.9
LaHave	27	10	81	10.0	6.15			39	80	1.6
LaHave	25	11	81	5.0	5.58			28	80	0.6
LaHave	11	12	81	6.0	5.43			28	60	0.8
Middle	20	1	81	0.0	4.84					0.0
Middle	16	2	81	0.5	4.75	8.09				0.0
Middle	17	3	81	2.0	5.02					0.0
Middle	23	4	81	6.0	4.93					0.0
Middle	15	5	81	16.0	5.15	5.95				0.0
Middle	19	6	81	17.5	5.03			30	100	0.0
Middle	29	7	81	17.0	5.10			31	150	0.0
Middle	31	8	81	21.0	5.80			34	70	0.7
Middle	25	9	81	14.0	5.18			44	150	0.0
Middle	27	10	81	10.0	4.88			39	150	0.0
Middle	23	11	81	6.5	4.52			33	150	0.0
Middle	11	12	81	5.0	4.56			31	100	0.0
Nine Mile	16	2	81	0.5	4.70	10.24				0.0
Nine Mile	17	3	81	2.0	4.85					0.0
Nine Mile	23	4	81	5.5	4.80					0.0
Nine Mile	22	5	81	12.0	4.80	6.83				0.0
Nine Mile	19	6	81	19.0	4.75			53	30	0.0
Nine Mile	29	7	81	19.0	4.60			52	40	0.0
Nine Mile	31	8	81	22.0	4.95			52	30	0.0
Nine Mile	24	9	81	16.0	5.40			53	30	0.0
Nine Mile	28	10	81	9.0	4.90			53	20	0.0
Nine Mile	23	11	81	7.0	4.60			51	50	0.0
Nine Mile	8	12	81	6.0	4.58			49	50	0.0
Sackville	20	1	81	0.0	4.72			59	40	0.0
Sackville	16	2	81	0.0	4.75			50	30	0.0
Sackville	17	3	81	0.5	4.88			68	40	0.0
Sackville	22	4	81	5.0	4.89			58	10	0.0
Sackville	15	5	81	15.0	5.00			64	55	0.0
Sackville	30	7	81	18.0	4.88			43	150	0.0
Sackville	28	8	81	22.5	5.38			63	100	0.0
Sackville	24	9	81							
Sackville	27	10	81	8.0	4.85			65	100	0.0
Sackville	23	11	81							
Sackville	8	12	81	6.5	4.62			38	80	0.0
Salmon	17	2	81	1.0	4.53	8.09				0.0
Salmon	18	3	81	2.0	4.60					0.0
Salmon	28	4	81	7.5	4.75					0.0
Salmon	20	5	81	14.0	4.78	6.24				0.0

Table 1. Continued.

River	Day	Month	Year	Temp. °C	pH	Acidity ppm	Hardness ppm	Conductance μmho/cm	Colour Pt-Co	Alkalinity ppm
Salmon	30	7	81	19.5	4.78			32	30	0.0
Salmon	28	8	81	21.0	4.88			32	45	0.0
Salmon	25	9	81	15.0	4.70			34	40	0.0
Salmon	29	10	81	10.0	4.75			34	50	0.0
Salmon	25	11	81	5.5	4.59			39	80	0.0
Salmon	8	12	81	7.0	4.52			38	60	0.0
West	28	1	81	0.0	4.83					0.0
West	20	2	81	0.5	4.80	7.22				0.0
West	25	3	81	1.5	4.82					0.0
West	23	4	81	7.5	4.90					0.0
West	22	5	81	12.5	5.00	6.83				0.0
West	19	6	81	18.5	5.01					0.0
West	29	7	81	18.5	5.18			26	100	0.0
West	28	8	81	20.0	5.26			25	90	0.0
West	25	9	81	13.0	5.05			30	80	0.0
West	27	10	81	10.0	4.92			30	100	0.0
West	25	11	81	4.0	4.80			28	100	0.0
West	11	12	81	5.0	4.80			26	100	0.0
Canaan	27	1	82	0.9	4.52					
Canaan	17	2	82	1.4	4.47					
Canaan	24	3	82	2.8	4.51					
Canaan	23	4	82	6.1	4.53					
Canaan	29	6	82	17.5	4.71					
Canaan	29	7	82	19.4	4.81					
Canaan	30	8	82	15.6	4.81					
Canaan	29	9	82	16.1	4.73					
Canaan	27	10	82	7.1	4.96					
Canaan	14	11	82	4.2	4.73					
Canaan	29	12	82	4.2	4.56					
Gold	15	1	82	0.5	4.95					0.0
Gold	15	2	82	1.0	4.95					0.0
Gold	15	3	82	2.5	4.95					0.0
Gold	15	4	82	6.0	5.03					0.0
Gold	15	5	82	18.0	5.49					
Gold	29	6	82	18.0	5.35			24	80	
Gold	29	7	82	21.0	5.50			27	60	
Gold	30	8	82	18.0	5.72			29	70	
Gold	29	9	82	17.0	5.52			28	70	
Gold	27	10	82	7.0	5.98			26	70	
Gold	19	11	82	4.0	5.20			33	80	0.0
Gold	29	12	82	3.0	4.98			30	70	0.0
Ingram	26	1	82	1.0	4.58			31	50	0.0
Ingram	17	2	82	1.0	4.65			30	55	0.0
Ingram	24	3	82	1.5	4.68			30	40	0.0
Ingram	23	4	82	6.0	4.78			27	30	0.0
Ingram	29	6	82	18.0	5.21					0.0
Ingram	29	7	82	18.0	4.52	22.64		69	120	0.0
Ingram	30	8	82	16.5	5.15			22	50	0.0
Ingram	29	9	82	16.5	5.21			21	60	0.0

Table 1. Continued.

River	Day	Month	Year	Temp. °C	pH	Acidity ppm	Hardness ppm	Conductance μmho/cm	Colour Pt-Co	Alkalinity ppm
Ingram	27	10	82	7.0	5.52			20	30	
Ingram	11	11	82	6.5	5.46					
Ingram	19	11	82	6.0	5.22			23	60	0.0
Ingram	29	12	82	2.0	4.98			25	60	0.0
LaHave	29	1	82	2.0	5.62			33	40	0.0
LaHave	18	2	82	1.0	5.70			34	30	0.0
LaHave	24	3	82	2.0	5.42			33	35	0.0
LaHave	21	4	82	9.0	5.70			31	30	0.7
LaHave	26	5	82	12.0	5.84					
LaHave	29	6	82	18.5	6.03			26	60	
LaHave	29	7	82	22.0	5.95			28	50	
LaHave	30	8	82	20.0	5.92			26	70	
LaHave	30	9	82	18.0	5.98			25	40	
LaHave	27	10	82	10.0	6.30			27	40	
LaHave	19	11	82	7.0	6.05			34	50	
LaHave	13	12	82	0.5	5.40			35	65	1.3
LaHave	21	12	82	2.0	6.00			30	60	
Middle	27	1	82	0.5	4.70			35	60	0.0
Middle	17	2	82	1.0	4.70			37	45	0.0
Middle	24	3	82	1.5	4.70			35	40	0.0
Middle	23	4	82	6.5	4.80			32	40	0.0
Middle	26	5	82	17.0	5.34					
Middle	29	6	82	17.5	5.23			26	70	0.0
Middle	29	7	82	18.0	5.52					
Middle	30	8	82	14.0	5.45			27	70	
Middle	29	9	82	16.0	5.25			26	90	0.0
Middle	27	10	82	6.0	5.90			30	70	
Middle	19	11	82	4.0	5.00			28	100	0.0
Middle	29	12	82	4.0	4.72			33	100	0.0
Nine Mile	25	1	82	1.0	4.61			70	35	0.0
Nine Mile	17	2	82	1.0	4.59			61	25	0.0
Nine Mile	22	3	82	2.5	4.52			54	25	0.0
Nine Mile	23	4	82	8.0	4.70			53	20	0.0
Nine Mile	23	5	82	12.5	4.74					0.0
Nine Mile	30	6	82	18.0	4.92			48	50	0.0
Nine Mile	30	7	82	21.0	4.59			44	60	0.0
Nine Mile	31	8	82	18.0	4.88			48	50	0.0
Nine Mile	29	9	82	17.0	4.92			44	60	0.0
Nine Mile	27	10	82	8.5	5.30			43	60	
Nine Mile	18	11	82	7.0	4.89			41	60	0.0
Nine Mile	17	12	82	4.0	5.15			64	60	0.0
Sackville	25	1	82	1.0	4.61			104	35	0.0
Sackville	19	2	82	1.0	4.92			63	45	0.0
Sackville	23	3	82							
Sackville	22	4	82							
Sackville	25	5	82	14.0	5.18					0.0
Sackville	30	6	82	17.0	5.20			48	100	0.0
Sackville	19	8	82	20.5	4.58			47	160	0.0
Sackville	30	9	82	17.0	4.70			50	120	0.0

Table 1. Continued.

River	Day	Month	Year	Temp. °C	pH	Acidity ppm	Hardness ppm	Conductance μmho/cm	Colour Pt-Co	Alkalinity ppm
Sackville	26	10	82	8.0	5.18			55	100	0.0
Sackville	18	11	82	4.0	4.60			67	120	0.0
Sackville	22	12	82	1.0	4.65			46	70	0.0
Salmon	26	1	82	1.0	4.46			38	50	0.0
Salmon	17	2	82	2.0	4.48			38	40	0.0
Salmon	22	3	82	2.5	4.48			35	40	0.0
Salmon	22	4	82	8.0	4.60			34	20	0.0
Salmon	27	5	82	16.5	4.81					0.0
Salmon	30	6	82	17.5	4.75			28	50	0.0
Salmon	30	7	82	21.0	4.53			33	50	0.0
Salmon	31	8	82	18.0	4.68			32	60	0.0
Salmon	5	9	82	17.0	4.85	7.60	7.14	42	30	0.0
Salmon	28	9	82	18.5	4.70			31	50	0.0
Salmon	22	10	82	11.0	4.88			29	40	0.0
Salmon	19	11	82	7.0	4.82			31	50	0.0
Salmon	17	12	82	3.0	4.72			32	70	0.0
West	29	1	82	2.0	4.80			30	80	0.0
West	18	2	82	1.0	4.78			33	70	0.0
West	22	3	82	2.0	4.78			31	60	0.0
West	21	4	82	9.5	4.90			29	55	0.0
West	26	5	82	13.0	5.14					0.0
West	29	6	82	18.0	5.10			22	100	0.0
West	29	7	82	20.0	5.13			23	80	0.0
West	30	8	82	18.5	5.18			22	100	0.0
West	29	9	82	16.5	5.25			26	70	0.0
West	27	10	82	9.0	5.39			23	70	
West	19	11	82	4.0	5.05			27	100	0.0
West	21	12	82	2.0	5.00			24	100	0.0
Canaan	29	1	83	1.4	4.63					
Canaan	22	2	83	1.4	4.65					
Canaan	26	3	83	1.4	4.56					
Canaan	19	4	83	8.6	4.65					
Canaan	30	5	83	13.7	4.63					
Canaan	28	6	83	18.5	4.90					
Canaan	27	7	83	19.4	4.61					
Canaan	26	8	83	19.4	5.02					
Canaan	23	9	83	17.5	4.71					
Canaan	27	10	83	8.5	4.81					
Canaan	24	11	83	6.0	4.68	6.97	2.80	26	90	0.0
Canaan	13	12	83	3.5	4.62	8.29	3.00	28	90	0.0
Gold	29	1	83	1.0	5.08			27	60	0.0
Gold	26	3	83	1.0	4.93			22	60	0.0
Gold	19	4	83	9.0	5.22			27	70	0.0
Gold	30	5	83	15.0	5.18			22	110	0.0
Gold	28	6	83	20.5	5.80	5.36	3.93	22	90	0.5
Gold	28	7	83	23.0	5.83	8.05	5.62	26	110	1.2
Gold	26	8	83	20.0	5.92	4.92	5.34	26	90	2.4
Gold	23	9	83	20.0	5.10	7.99	4.68	26	120	0.0
Gold	27	10	83	8.0	5.48	10.32	6.08	28	120	0.6

Table 1. Continued.

River	Day	Month	Year	Temp. °C	pH	Acidity ppm	Hardness ppm	Conductance μmho/cm	Colour Pt-Co	Alkalinity ppm
Gold	23	11	83	5.0	4.90	7.52	5.05	29	110	0.0
Gold	13	12	83	1.5	4.92	7.17	5.52	30	110	0.0
Ingram	28	1	83	1.5	4.82			27	60	0.0
Ingram	21	2	83	2.0	4.98			32	55	0.0
Ingram	25	3	83	2.5	4.80			26	60	0.0
Ingram	19	4	83	9.0	4.91			29	60	0.0
Ingram	31	5	83	13.0	4.90			22	55	0.0
Ingram	28	6	83	19.0	5.28	6.41	3.09	21	50	0.0
Ingram	27	7	83	23.0	5.07	7.58	3.46	22	60	0.0
Ingram	26	8	83	19.0	5.48	5.41	3.09	20	50	
Ingram	23	9	83	18.0	5.20	6.39	3.28	23	60	0.0
Ingram	26	10	83	8.0	5.17	9.22	3.74	24	65	0.0
Ingram	23	11	83	6.0	4.88	6.35	3.93	26	65	0.0
Ingram	13	12	83	2.0	4.88	6.50	3.74	26	70	0.0
LaHave	7	1	83	0.5	5.50			33	60	1.0
LaHave	28	1	83	3.0	5.70			30	50	
LaHave	14	2	83	0.1	5.70			36	40	1.1
LaHave	22	2	83	1.0	5.91			33	55	
LaHave	16	3	83	0.5	5.80			29	50	0.9
LaHave	26	3	83	2.0	5.52			25	55	
LaHave	11	4	83	4.0	5.40			29	45	0.7
LaHave	19	4	83	8.5	5.98			26	70	
LaHave	12	5	83	12.0	5.80			30	55	4.8
LaHave	30	5	83	13.5	5.73			23	75	
LaHave	16	6	83	15.0	5.60			31	60	1.5
LaHave	28	6	83	21.5	6.08	5.36	5.62	26	60	1.4
LaHave	14	7	83	20.0	5.70			29	45	3.0
LaHave	28	7	83	22.0	6.22	3.85	5.99	27	50	1.3
LaHave	16	8	83	20.0	6.30			32	30	1.9
LaHave	26	8	83	23.0	6.20	2.95	6.08	28	35	1.2
LaHave	23	9	83	19.0	6.15	3.07	7.02	31	60	1.9
LaHave	27	10	83	10.0	6.48	5.41	7.86	32	55	2.1
LaHave	23	11	83	4.5	5.68	4.64	8.42	35	110	1.6
LaHave	13	12	83	3.5	5.68	4.70	8.05	32	90	0.9
Middle	28	1	83	1.0	4.65			32	70	0.0
Middle	22	2	83	1.0	4.92			33	60	0.0
Middle	26	3	83	1.5	4.62			26	65	0.0
Middle	19	4	83	8.5	4.87			29	70	0.0
Middle	30	5	83	14.5	4.81			25	110	0.0
Middle	28	6	83	19.0	5.62	6.18	4.30	27	100	1.1
Middle	28	7	83	22.0	5.38	7.70	3.74	25	80	0.5
Middle	26	8	83	18.5	5.81	4.92	4.77	29	80	1.1
Middle	23	9	83	18.0	5.05	7.62	3.46	26	90	0.0
Middle	29	10	83	9.0	5.35	9.95	4.21	28	90	
Middle	23	11	83	5.5	4.60	8.83	3.56	33	110	0.0
Middle	13	12	83	4.0	4.65	8.51	4.30	32	110	0.0
Nine Mile	26	1	83	2.0	4.72			45	50	0.0
Nine Mile	21	2	83	2.5	4.85			49	45	0.0
Nine Mile	24	3	83	3.5	4.70			46	50	0.0

Table 1. Continued.

River	Day	Month	Year	Temp. °C	pH	Acidity ppm	Hardness ppm	Conductance μmho/cm	Colour Pt-Co	Alkalinity ppm
Nine Mile	19	4	83	6.0	4.90			44	50	0.0
Nine Mile	31	5	83	13.0	4.87			43	50	0.0
Nine Mile	28	6	83	20.0	5.32	7.34	5.90	46	40	
Nine Mile	29	7	83	22.0	5.05	7.70	5.15	44	50	0.0
Nine Mile	24	8	83	20.0	4.90	7.74	5.15	44	40	0.0
Nine Mile	21	9	83	19.5	4.95	7.13	5.43	41	50	0.0
Nine Mile	26	10	83	9.5	4.90	7.74	5.24	42	55	0.0
Nine Mile	23	11	83	6.0	4.68	6.43	5.15	43	55	0.0
Nine Mile	13	12	83	2.0	4.72	6.72	5.89	43	55	0.0
Sackville	28	1	83	2.0	4.83			48	50	0.0
Sackville	21	2	83	1.0	5.10			48	50	0.0
Sackville	25	3	83	1.5	4.75			36	60	0.0
Sackville	19	4	83	6.0	4.80			37	70	0.0
Sackville	31	5	83	14.0	4.89			35	110	0.0
Sackville	29	6	83	22.0	5.24	6.18	6.55	44	120	0.0
Sackville	27	7	83	20.5	4.82	11.66	13.57	62	100	0.0
Sackville	24	8	83	22.0	4.93	10.32	10.76	52	105	0.0
Sackville	21	9	83	17.0	4.55	15.61	7.96	48	160	0.0
Sackville	26	10	83	7.5	4.95	13.27	8.89	50	180	0.0
Sackville	24	11	83	3.5	4.68	7.44	7.50	44	110	0.0
Sackville	14	12	83	2.0	4.70	7.95	7.96	47	70	0.0
Salmon	20	1	83	1.5	4.55			42	60	0.0
Salmon	16	2	83	1.0	4.48			41	55	0.0
Salmon	30	3	83	2.0	4.68			39	55	0.0
Salmon	20	4	83	8.0	4.65			39	50	0.0
Salmon	31	5	83	14.5	4.60			40	50	0.0
Salmon	28	6	83	20.0	4.63	8.28	7.96	40	40	0.0
Salmon	27	7	83	21.5	4.57	9.79	7.02	39	50	0.0
Salmon	25	8	83	20.0	4.61	8.73	9.83	38	55	0.0
Salmon	21	9	83	20.0	4.82	6.15	7.49	36	50	0.0
Salmon	26	10	83	9.0	4.95	7.74	8.42	37	45	0.0
Salmon	24	11	83	5.0	4.55	6.43	8.04	42	55	0.0
Salmon	16	12	83	4.0	4.55	8.51	6.92	44	55	0.0
West	28	1	83	1.5	4.85			24	70	0.0
West	22	2	83	1.0	4.93			27	70	0.0
West	26	3	83	1.0	4.83			23	70	0.0
West	30	5	83	13.5	5.01			20	110	0.0
West	28	6	83	21.5	5.40	7.81	3.28	21	100	0.0
West	28	7	83	22.0	5.35	8.16	3.84	24	70	0.0
West	26	8	83	23.0	5.70	4.79	3.56	22	55	0.0
West	23	9	83	19.0	5.23	6.15	3.93	24	80	0.0
West	27	10	83	8.5	5.20	11.18	4.49	28	90	0.0
West	23	11	83	4.0	4.82	6.82	4.21	28	110	0.0
West	13	12	83	1.5	4.87	7.06	5.05	30	110	0.0
Canaan	5	1	84							
Canaan	24	1	84	1.0	4.54	11.20	3.08	33	65	0.0
Canaan	14	2	84	3.0	4.50	12.88	3.08	31	55	0.0
Canaan	28	3	84	2.0	4.58	7.28	2.49	27	55	0.0
Canaan	30	4	84	9.0	4.58	8.40	2.54	27	60	0.0

Table 1. Continued.

River	Day	Month	Year	Temp. °C	pH	Acidity ppm	Hardness ppm	Conductance μmho/cm	Colour Pt-Co	Alkalinity ppm
Canaan	29	5	84	15.5	4.56	9.30	2.64	24	80	0.0
Canaan	25	6	84	17.5	4.65	7.06	2.53	23	55	0.0
Canaan	16	7	84	21.0	4.73	8.96	3.51	22	55	0.0
Canaan	30	8	84	21.0	4.77	7.06	2.53	21	60	0.0
Canaan	28	9	84	15.5	4.88	5.74	3.51	21	55	0.0
Canaan	25	10	84	11.0	4.83	5.84	3.90	21	55	0.0
Canaan	22	11	84	5.0	4.74	6.26	3.90	24	55	0.0
Canaan	13	12	84	4.5	4.65	6.18	3.55	24	65	0.0
Gold	23	1	84	1.0	5.00	7.84	5.77	31	110	0.0
Gold	22	2	84	1.0	4.98	9.52	4.77	26	90	0.0
Gold	27	3	84	4.0	5.00	5.04	3.98	25	55	0.0
Gold	27	4	84	7.0	4.98	6.50	3.42	25	60	0.0
Gold	30	5	84	15.0	5.17	7.28	3.91	26	100	0.0
Gold	28	6	84	14.0	5.02	9.63	8.38	24	130	0.0
Gold	17	7	84	25.0	5.98	3.80	4.87	22	90	0.7
Gold	29	8	84	22.0	5.68	5.94	6.33	29	90	0.8
Gold	26	9	84	20.0	5.72	3.44	8.18	29	55	1.1
Gold	25	10	84	12.0	6.27	3.96	7.50	30	55	2.3
Gold	21	11	84	3.0	5.80	4.17	8.57	34	90	1.3
Gold	18	12	84	2.0	4.90	7.43	7.49	35	110	0.0
Ingram	24	1	84	0.5	4.87	7.73	4.28	27	35	0.0
Ingram	22	2	84	1.0	4.78	9.52	4.48	24	55	0.0
Ingram	27	3	84	3.0	4.75	5.60	3.98	24	45	0.0
Ingram	30	4	84	10.0	4.78	6.72	2.93	24	60	0.0
Ingram	29	5	84	15.5	4.83	6.72	2.93	25	60	0.0
Ingram	28	6	84	16.0	4.98	6.04	3.60	22	65	0.0
Ingram	17	7	84	24.0	5.30	4.48	3.31	22	50	
Ingram	30	8	84	21.0	5.12	4.70	3.21	22	50	0.0
Ingram	26	9	84	18.0	5.20	4.48	4.38	22	55	0.0
Ingram	26	10	84	10.0	5.53	4.90	5.36	21	55	0.6
Ingram	22	11	84	2.5	5.40	4.48	4.87	23	55	0.0
Ingram	17	12	84	3.5	4.90	5.98	5.42	28	65	0.0
LaHave	23	1	84	0.5	5.84	4.48	8.26	33	70	1.2
LaHave	22	2	84	1.0	5.61	5.04	6.47	29	60	0.7
LaHave	27	3	84	4.0	5.40	3.36	5.47	26	55	0.0
LaHave	26	4	84	7.0	5.58	5.04	6.26	28	40	0.8
LaHave	28	5	84	18.0	5.65	5.04	5.38	25	70	1.2
LaHave	27	6	84	17.0	6.18	4.26	7.20	29	90	1.9
LaHave	17	7	84	23.0	5.97	5.38	5.84	24	110	1.1
LaHave	29	8	84	21.0	6.06	3.81	8.08	30	55	1.4
LaHave	26	9	84	18.0	5.88	3.65	6.92	28	65	1.2
LaHave	25	10	84	13.0	6.20	3.65	8.18	30	70	1.7
LaHave	21	11	84	3.5	6.22	3.44	8.86	34	55	2.1
LaHave	18	12	84	2.0	5.60	5.31	10.15	36	110	1.0
Middle	23	1	84	0.5	4.80	8.96	5.37	34	110	0.0
Middle	22	2	84	1.0	4.73	7.28	4.48	30	70	0.0
Middle	27	3	84	3.0	4.72	5.60	3.48	29	50	0.0
Middle	27	4	84	7.0	4.75	7.39	3.32	29	55	0.0
Middle	30	5	84	14.0	5.02	6.72	3.91	27	80	0.0

Table 1. Continued.

River	Day	Month	Year	Temp. °C	pH	Acidity ppm	Hardness ppm	Conductance μmho/cm	Colour Pt-Co	Alkalinity ppm
Middle	28	6	84	14.0	5.18	7.39	5.26	30	110	0.0
Middle	17	7	84	25.0	5.90	4.93	5.55	29	110	0.0
Middle	29	8	84	20.0	5.59	5.49	6.33	30	75	0.0
Middle	26	9	84	19.0	5.70	4.07	5.45	28	55	0.5
Middle	25	10	84	11.0	6.00	4.59	9.25	40	110	1.8
Middle	21	11	84	3.0	5.70	4.48	6.72	33	75	0.9
Middle	18	12	84	2.5	4.66	8.78	5.91	36	110	0.0
Nine Mile	27	1	84	1.0	4.56	8.74	6.27	50	55	0.0
Nine Mile	16	2	84	2.0	4.78	9.86	6.57	56	45	0.0
Nine Mile	28	3	84	3.5	4.68	6.16	4.98	43	45	0.0
Nine Mile	28	4	84	7.0	4.63	7.28	4.40	46	50	0.0
Nine Mile	29	5	84	16.0	4.73	7.17	4.40	40	50	0.0
Nine Mile	28	6	84	19.0	5.03	9.30	4.87	36	55	0.0
Nine Mile	19	7	84	21.5		6.27	6.33	43	35	1.0
Nine Mile	28	8	84	24.0	5.95	7.62	7.69	43	55	2.7
Nine Mile	25	9	84	16.0	5.75	7.47	8.47	48	55	1.5
Nine Mile	24	10	84	14.0	5.89	6.15	9.74	55	55	2.8
Nine Mile	17	12	84	3.5	4.70	6.37	6.50	48	55	0.0
Sackville	24	1	84	0.5	4.90	7.39	8.56	49	70	0.0
Sackville	21	2	84	1.0	4.88	11.20	5.97	41	60	0.0
Sackville	29	3	84	1.5	4.88	5.04	5.97	42	50	0.0
Sackville	27	4	84	5.0	4.82	7.84	5.18	38	60	0.0
Sackville	29	5	84	17.0	5.00	7.06	6.35	37	100	0.0
Sackville	28	6	84	17.0	4.76	14.11	8.77	40	110	0.0
Sackville	18	7	84	25.0	5.20	7.84	9.25	42	110	0.0
Sackville	28	8	84	21.0	4.78	14.56	13.25	60	130	0.0
Sackville	25	9	84	15.0	4.85	10.22	11.69	49	130	0.0
Sackville	26	10	84	10.0	5.28	7.61	12.18	51	110	0.0
Sackville	23	11	84	2.0	4.97	8.87	14.12	63	110	0.0
Sackville	17	12	84	1.5	4.50	11.39	11.13	55	110	0.0
Salmon	25	1	84	0.5	4.47	11.30	10.55	53	70	0.0
Salmon	16	2	84	2.0	4.47	11.20	8.36	47	45	0.0
Salmon	28	3	84	4.0	4.47	7.28	7.96	43	50	0.0
Salmon	30	4	84	8.5	4.38	8.96	7.33	46	40	0.0
Salmon	29	5	84	16.0	4.35	8.96	7.82	43	50	0.0
Salmon	29	6	84	18.0	4.49	7.73	6.62	39	35	0.0
Salmon	19	7	84	23.0	4.60	7.84	8.28	35	35	0.0
Salmon	28	8	84	21.0	4.50	8.29	6.82	37	55	0.0
Salmon	25	9	84	18.0	4.62	5.10	7.99	39	35	0.0
Salmon	24	10	84	10.0	4.76	5.42	9.25	39	35	0.0
Salmon	23	11	84	3.0	4.70	5.95	8.47	39	35	0.0
Salmon	17	12	84	2.5	4.47	6.76	11.13	48	45	0.0
West	23	1	84	0.5	4.88	10.86	4.98	30	110	0.0
West	22	2	84	1.0	4.78	8.18	4.08	25	110	0.0
West	27	3	84	4.0	4.75	5.60	3.58	25	65	0.0
West	26	4	84	6.5	4.88	6.72	3.23	24	70	0.0
West	28	5	84	18.0	5.03	7.28	3.42	24	100	0.0
West	27	6	84	16.0	5.12	6.94	3.60	21	110	0.0
West	17	7	84	23.0	5.20	6.72	4.87	22	110	0.0

Table 1. Continued.

River	Day	Month	Year	Temp. °C	pH	Acidity ppm	Hardness ppm	Conductance μmho/cm	Colour Pt-Co	Alkalinity ppm
West	29	8	84	20.0	5.05	7.84	4.97	25	110	0.0
West	26	9	84	19.0	5.05	6.67	5.84	24	110	0.0
West	25	10	84	12.0	5.45	6.26	8.08	25	90	0.8
West	21	11	84	2.0	5.24	5.84	6.04	26	110	0.0
West	18	12	84	2.0	4.78	8.10	6.10	30	110	0.0
Canaan	14	1	85	1.0	4.60	7.61	4.83	28	110	0.0
Canaan	14	2	85	1.0	4.60	9.40	3.74	30	110	0.0
Canaan	22	3	85	2.0	4.50	10.40	2.76	32	55	0.0
Canaan	24	4	85	5.0	4.60	9.26	2.46	28	45	0.0
Canaan	16	5	85	9.5	4.68	9.92	2.95	26	40	0.0
Canaan	19	6	85	15.0	4.78	8.98	2.46	27	40	0.0
Canaan	24	7	85	23.0	4.65	9.65	2.96	25	65	0.0
Canaan	14	8	85	22.0	4.67	8.04	2.96	23	55	0.0
Canaan	25	9	85	17.0	4.73	6.22	2.56	23	55	0.0
Canaan	17	10	85	14.0	4.75	5.86	3.35	24	55	0.0
Canaan	20	11	85	6.5	4.68	6.68	3.03	26	55	0.0
Gold	17	1	85	0.2	5.10	7.80	8.18	34	110	0.0
Gold	15	2	85	0.0	4.70	9.78	6.21	40	180	0.0
Gold	19	3	85	1.0	4.79	7.37	4.83	31	140	0.0
Gold	17	4	85	5.0	4.89	6.43	3.45	29	55	0.0
Gold	22	5	85	15.0	5.22	9.45	4.63	26	60	0.0
Gold	24	6	85	18.0	5.19	7.84	4.43	24	100	0.0
Gold	18	7	85	19.5	4.71	13.78	3.94	25	130	0.0
Gold	16	8	85	24.0	5.71	5.42	2.76	23	70	0.9
Gold	24	9	85	18.0	5.80	3.20	5.22	26	55	1.1
Gold	18	10	85	8.0	5.42	6.22	6.50	30	75	0.5
Gold	14	11	85	7.0	4.88	7.41	5.87	33	90	0.0
Gold	12	12	85	0.5	5.19	6.86	5.97	30	90	0.0
Ingram	17	1	85	0.3	4.55	6.20	5.64	27	65	0.0
Ingram	15	2	85	0.0	4.65	8.93	4.63	45	110	0.0
Ingram	18	3	85	1.0	4.69	7.37	3.64	26	140	0.0
Ingram	18	4	85	4.0	4.80	6.71	2.96	24	45	0.0
Ingram	23	5	85	16.0	5.10	7.28	3.25	23	35	0.0
Ingram	21	6	85	17.0	4.78	8.51	3.15	24	60	0.0
Ingram	17	7	85	19.0	4.70	9.79	3.94	23	55	0.0
Ingram	13	8	85	23.0	5.09	5.70	2.76	20	55	0.0
Ingram	23	9	85	17.0	5.33	3.48	3.15	20	35	
Ingram	18	10	85	10.5	5.00	6.04	4.53	26	55	0.0
Ingram	14	11	85	7.0	5.13	4.58	3.92	22	45	0.0
Ingram	18	12	85	1.5	5.03	5.49	4.01	25	35	0.0
LaHave	17	1	85	0.3	5.65	4.61	9.95	37	110	1.1
LaHave	28	1	85							
LaHave	15	2	85	0.0	5.67	5.92	10.93	47	140	1.5
LaHave	25	2	85							
LaHave	19	3	85	1.0	5.38	5.67	6.50	32	140	0.0
LaHave	26	3	85							
LaHave	18	4	85	4.5	5.59	5.48	6.01	28	35	0.7
LaHave	25	4	85							
LaHave	22	5	85	15.0	5.88	7.09	6.40	24	30	1.9

Table 1. Continued.

River	Day	Month	Year	Temp. °C	pH	Acidity ppm	Hardness ppm	Conductance μmho/cm	Colour Pt-Co	Alkalinity ppm
LaHave	30	5	85							
LaHave	24	6	85	18.0	5.90	5.95	5.91	27	50	1.0
LaHave	18	7	85	20.0	6.00	7.70	7.98	31	65	2.3
LaHave	29	7	85							
LaHave	13	8	85	22.0	6.17	4.39	6.40	28	55	2.0
LaHave	21	8	85							
LaHave	27	8	85							
LaHave	24	9	85	18.0	5.99	3.48	6.70	28	45	2.0
LaHave	26	9	85							
LaHave	18	10	85	10.5	6.16	3.20	7.19	31	45	2.1
LaHave	28	10	85							
LaHave	15	11	85	5.0	6.03	4.85	10.57	41	55	1.5
LaHave	28	11	85							
LaHave	12	12	85	1.0	5.67	4.58	7.44	24	55	0.9
LaHave	27	12	85							
Middle	17	1	85	0.2	4.86	8.74	6.80	36	110	0.0
Middle	15	2	85	0.0	4.70	10.34	5.91	49	220	0.0
Middle	18	3	85	1.0	4.28	8.03	3.25	35	225	0.0
Middle	28	3	85	1.5	4.77	6.99	4.43	33	55	0.0
Middle	17	4	85	5.5	4.77	7.56	4.43	34	55	0.0
Middle	22	5	85	14.5	5.05	8.03	3.74	28	60	0.0
Middle	24	6	85	16.0	4.65	9.45	3.94	30	110	0.0
Middle	18	7	85	20.0	4.86	11.50	3.94	28	110	0.0
Middle	16	8	85	23.0	5.58	7.01	5.91	30	90	0.0
Middle	24	9	85	18.0	5.63	4.12	5.42	29	55	1.0
Middle	18	10	85	7.0	5.35	6.31	6.70	33	75	0.0
Middle	14	11	85	7.0	4.63	8.42	5.19	35	90	0.0
Middle	12	12	85	0.5	4.80	7.87	5.19	32	75	0.0
Nine Mile	18	1	85	0.3	4.70	6.86	7.09	49	55	0.0
Nine Mile	15	2	85	1.0	4.55	7.43	7.68	66	55	0.0
Nine Mile	18	3	85	1.5	4.53	10.21	6.00	60	70	0.0
Nine Mile	17	4	85	4.0	4.65	8.51	6.60	55	25	0.0
Nine Mile	23	5	85	16.0	4.88	6.33	6.11	52	25	0.0
Nine Mile	24	6	85	17.0	4.65	9.26	5.71	54	45	0.0
Nine Mile	17	7	85	19.0	5.05	12.26	6.99	46	55	0.0
Nine Mile	12	8	85	22.0	4.77	9.16	5.12	44	55	0.0
Nine Mile	23	9	85	18.0	4.95	5.49	6.00	42	45	0.0
Nine Mile	21	10	85	9.0	5.11	4.76	5.52	40	35	0.0
Nine Mile	14	11	85	9.0	4.79	6.22	6.27	46	55	0.0
Nine Mile	11	12	85	2.0	4.89	5.95	5.97	47	25	0.0
Sackville	18	1	85	0.2	5.05	9.02	13.30	59	110	0.0
Sackville	18	2	85	0.2	4.57	12.97	9.85	68	110	0.0
Sackville	18	3	85	1.5	4.59	9.26	6.90	47	110	0.0
Sackville	17	4	85	5.0	4.75	7.09	7.49	48	35	0.0
Sackville	23	5	85	16.0	5.00	9.92	7.19	46	70	0.0
Sackville	19	6	85	14.0	4.70	14.84	5.71	37	110	0.0
Sackville	17	7	85	20.0	5.03	12.83	7.98	44	110	0.0
Sackville	12	8	85	22.0	4.90	10.57	9.36	45	90	0.0
Sackville	23	9	85	14.5	4.74	8.88	10.34	52	75	0.0

Table 1. Continued.

River	Day	Month	Year	Temp. °C	pH	Acidity ppm	Hardness ppm	Conductance μmho/cm	Colour Pt-Co	Alkalinity ppm
Sackville	21	10	85	7.5	4.49	13.27	10.93	57	70	0.0
Sackville	14	11	85	6.0	4.39	11.99	10.77	55	90	0.0
Sackville	11	12	85	1.5	4.77	9.88	10.96	53	55	0.0
Salmon	18	1	85	0.3	4.46	8.55	12.31	54	55	0.0
Salmon	18	2	85	1.0	4.50	9.31	10.05	52	55	0.0
Salmon	18	3	85	1.5	4.28	11.81	10.34	60	70	0.0
Salmon	17	4	85	5.5	4.36	10.21	8.57	50	35	0.0
Salmon	23	5	85	15.0	4.50	11.15	8.37	50	20	0.0
Salmon	24	6	85	18.0	4.35	10.68	8.87	53	40	0.0
Salmon	17	7	85	21.0	4.49	10.93	7.49	42	45	0.0
Salmon	13	8	85	21.0	4.50	10.29	6.60	36	45	0.0
Salmon	23	9	85	17.0	4.59	5.67	7.78	39	25	0.0
Salmon	21	10	85	9.0	4.73	5.40	7.88	39	25	0.0
Salmon	14	11	85	7.0	4.50	7.05	9.01	43	25	0.0
Salmon	11	12	85	1.5	4.54	8.24	11.26	51	25	0.0
West	17	1	85	0.3	4.90	8.27	5.02	29	110	0.0
West	15	2	85	0.0	4.80	9.49	4.93	31	110	0.0
West	19	3	85	1.0	4.70	7.37	3.94	28	140	0.0
West	18	4	85	5.0	4.80	6.71	3.50	26	55	0.0
West	22	5	85	15.0	5.03	8.51	3.45	24	70	0.0
West	24	6	85	20.0	4.95	7.84	3.45	23	70	0.0
West	18	7	85	20.0	5.00	9.60	3.45	21	110	0.0
West	13	8	85	21.0	5.37	6.92	4.43	22	90	0.0
West	24	9	85	16.0	5.30	5.12	4.04	23	55	0.0
West	18	10	85	8.5	5.17	6.41	5.02	27	55	0.0
West	15	11	85	5.0	4.77	7.32	5.38	28	75	0.0
West	12	12	85	0.5	5.01	6.68	4.90	27	55	0.0
Canaan	9	1	86	1.5	4.50	10.07	3.23	32	55	0.0
Canaan	5	3	86	1.0	4.39	9.88	3.72	31	35	0.0
Canaan	25	4	86	5.0	4.59	6.64	2.45	24	45	0.0
Canaan	26	5	86	16.0	4.68	7.06	2.55	23	55	0.0
Canaan	26	6	86	19.0	4.75	6.30	6.66	22	55	0.0
Canaan	20	8	86	21.0	4.69	8.32	3.03	22	130	0.0
Canaan	17	10	86	12.0	4.69	7.09	2.94	22	90	0.0
Gold	21	1	86	1.0	4.73	7.69	4.21	34	45	0.0
Gold	28	2	86	0.5	5.14	6.41	5.38	29	45	0.0
Gold	25	3	86	1.0	4.93	5.04	4.11	28	35	0.0
Gold	23	4	86	8.0	5.15	5.04	4.41	24	55	0.0
Gold	22	5	86	18.0	5.55	4.20	4.31	24	65	0.0
Gold	25	6	86	21.0	5.41	5.46	4.41	25	65	0.0
Gold	30	7	86	19.0	4.75	10.58	4.80	28	180	0.0
Gold	27	8	86	17.0	5.15	8.22	5.09	26	180	0.0
Gold	18	9	86	12.0	5.33	7.75	6.27	26	150	0.0
Gold	21	10	86	8.5	5.20	6.43	6.07	26	150	0.0
Gold	13	11	86	5.0	5.45	6.52	5.87	26	180	0.0
Gold	22	12	86	1.0	5.11	10.40	5.11	25	110	0.0
Ingram	21	1	86	1.0	4.74	7.32	3.43	25	35	0.0
Ingram	28	2	86	0.5	4.81	5.86	3.52	24	35	0.0
Ingram	26	3	86	1.0	4.75	5.96	3.72	32	35	0.0

Table 1. Continued.

River	Day	Month	Year	Temp. °C	pH	Acidity ppm	Hardness ppm	Conductance μmho/cm	Colour Pt-Co	Alkalinity ppm
Ingram	25	4	86	6.0	4.83	5.04	4.01	33	25	0.0
Ingram	22	5	86	18.0	5.08	3.94	3.62	20	35	0.0
Ingram	25	6	86	21.0	5.10	4.87	3.43	20	35	0.0
Ingram	28	7	86	21.0	4.96	6.33	4.21	22	90	0.0
Ingram	27	8	86	18.0	5.01	5.95	2.94	21	75	0.0
Ingram	17	9	86	13.0	5.03	5.86	4.01	23	110	0.0
Ingram	22	10	86	10.0	5.18	4.54	4.01	20	90	0.0
Ingram	13	11	86	7.0	5.34	5.10	3.52	21	90	0.0
Ingram	18	12	86	1.0	4.86	6.62	4.03	25	110	0.0
LaHave	21	1	86	1.0	5.83	4.85	7.44	34	35	0.8
LaHave	28	2	86	0.5	5.88	4.85	8.13	36	25	1.3
LaHave	25	3	86	1.0	5.53	3.78	5.97	30	25	0.5
LaHave	24	4	86	8.5	5.90	2.60	6.26	29	35	1.4
LaHave	21	5	86	18.0	6.14	3.61	5.97	28	35	2.0
LaHave	26	6	86	18.0	5.90	4.96	5.87	27	55	1.8
LaHave	29	7	86	20.0	5.74	5.58	7.44	26	90	1.2
LaHave	25	8	86	18.5	6.05	6.90	7.83	29	130	2.3
LaHave	18	9	86	14.5	6.07	4.25	6.66	28	90	2.0
LaHave	21	10	86	9.0	6.05	4.54	6.95	29	130	1.7
LaHave	13	11	86	3.0	6.24	4.54	7.83	30	130	2.2
LaHave	22	12	86	1.0	6.00	4.73	6.97	31	110	1.3
Middle	21	1	86	1.0	4.80	7.32	4.31	34	45	0.0
Middle	28	2	86	0.5	4.94	6.68	5.19	33	35	0.0
Middle	25	3	86	1.0	4.66	6.72	4.21	32	35	0.0
Middle	23	4	86	7.0	5.07	4.03	5.38	30	55	0.0
Middle	22	5	86	18.0	5.35	4.20	4.70	28	55	0.5
Middle	25	6	86	20.0	5.20	6.22	5.38	29	65	0.0
Middle	30	7	86	20.0	4.73	9.73	4.90	27	150	0.0
Middle	27	8	86	16.0	4.95	9.26	4.11	21	180	0.0
Middle	18	9	86	13.0	5.31	7.09	5.87	32	110	
Middle	21	10	86	8.0	4.85	8.69	5.87	29	150	0.0
Middle	13	11	86	6.0	5.14	7.56	4.99	29	130	0.0
Middle	22	12	86	1.0	4.86	8.51	3.93	31	130	0.0
Nine Mile	13	1	86	2.0	4.88	7.69	7.93	65	25	0.0
Nine Mile	28	2	86	0.5	4.75	6.68	6.85	52	15	0.0
Nine Mile	27	3	86	1.0	4.71	7.14	7.15	64	15	0.0
Nine Mile	23	4	86	6.0	4.65	5.29	5.87	47	25	0.0
Nine Mile	23	5	86	15.0	5.23	4.54	7.54	49	25	0.0
Nine Mile	27	6	86	19.0	4.99	5.29	6.17	47	25	0.0
Nine Mile	28	7	86	21.0	5.33	5.00	8.22	58	55	0.0
Nine Mile	28	8	86	19.0	4.86	7.37	5.48	44	90	0.0
Nine Mile	17	9	86	15.0	5.16	5.67	5.87	46	90	0.0
Nine Mile	22	10	86	10.0	4.97	6.14	6.27	46	65	0.0
Nine Mile	13	11	86	7.0	5.10	6.24	5.97	43	65	0.0
Nine Mile	19	12	86	1.0	4.78	7.18	5.99	47	65	0.0
Sackville	13	1	86	0.5	4.69	10.61	9.30	54	35	0.0
Sackville	28	2	86	0.5	5.09	8.97	11.26	59	35	0.0
Sackville	27	3	86	0.5	4.44	9.49	9.20	55	25	0.0
Sackville	25	4	86	10.0	4.64	7.31	9.10	51	55	0.0

Table 1. Continued.

River	Day	Month	Year	Temp. °C	pH	Acidity ppm	Hardness ppm	Conductance μmho/cm	Colour Pt-Co	Alkalinity ppm
Sackville	23	5	86	18.0	5.15	6.30	10.76	47	65	0.0
Sackville	27	6	86	19.0	4.95	6.97	8.81	44	65	0.0
Sackville	28	7	86	19.0	4.89	8.03	9.10	47	130	0.0
Sackville	25	8	86	17.5	4.46	15.88	11.75	59	180	0.0
Sackville	22	10	86	6.5	4.48	11.62	11.16	54	130	0.0
Sackville	14	11	86	2.0	4.69	10.21	11.36	50	130	0.0
Sackville	19	12	86	1.0	4.91	9.26	10.90	51	110	0.0
Salmon	12	1	86	2.0	4.43	9.61	10.96	56	35	0.0
Salmon	27	3	86	2.0	4.38	8.32	8.42	49	15	0.0
Salmon	25	4	86	9.5	4.46	6.89	6.85	40	25	0.0
Salmon	23	5	86	16.0	4.51	5.88	6.56	38	15	0.0
Salmon	30	6	86	19.0	4.48	6.55	7.15	41	15	0.0
Salmon	28	7	86	22.0	4.53	5.20	8.13	41	55	0.0
Salmon	27	8	86	19.0	4.49	7.37	9.30	45	55	0.0
Salmon	17	9	86	14.0	4.64	5.48	9.20	44	55	0.0
Salmon	22	10	86	9.0	4.50	7.65	11.26	46	65	0.0
Salmon	14	11	86	4.0	4.65	6.71	9.99	43	65	0.0
Salmon	19	12	86	1.0	4.53	9.26	9.43	46	90	0.0
West	21	1	86	1.0	4.78	7.32	4.01	28	35	0.0
West	28	2	86	0.5	4.80	7.41	4.90	28	55	0.0
West	25	3	86	1.0	4.75	6.30	4.01	24	45	0.0
West	25	4	86	9.0	4.99	5.04	4.01	22	55	0.0
West	21	5	86	20.0	5.21	4.96	4.01	21	65	0.0
West	26	6	86	17.0	5.14	6.72	4.31	22	65	0.0
West	29	7	86	20.0	4.64	9.92	4.21	23	180	0.0
West	25	8	86	16.0	5.00	9.17	4.01	21	180	0.0
West	18	9	86	12.0	5.14	6.62	4.41	21	110	0.0
West	21	10	86	7.0	5.04	7.75	4.90	23	180	0.0
West	14	11	86	2.0	5.17	6.80	3.92	23	130	0.0
West	22	12	86	1.0	5.03	9.64	4.91	23	130	0.0
Canaan	20	2	87	1.0	4.50	11.62	3.24	29	130	0.0
Canaan	25	3	87	1.0	4.59	12.29	3.14	29	130	0.0
Canaan	1	4	87	2.0	4.60	10.77	2.26	28	110	0.0
Canaan	7	4	87	2.0	4.59	10.30	2.46	25	110	0.0
Canaan	14	4	87	3.0	4.63			23	110	0.0
Canaan	21	4	87	6.0	4.70	9.26	2.26	23	110	0.0
Canaan	25	5	87	15.0	4.81	8.79	2.06	21	90	0.0
Canaan	25	6	87	21.0	4.87	5.95	1.80	21	75	0.0
Canaan	21	7	87	26.0	5.00	5.20	1.67	20	75	0.0
Canaan	26	8	87	21.0	5.04	5.95	3.44	20	75	0.0
Canaan	24	9	87	17.0	4.99	5.48	2.36	20	80	0.0
Canaan	27	10	87	11.0	4.75	6.27	2.55	22	75	0.0
Canaan	30	11	87	3.0	4.55	6.60	3.44	25	110	0.0
Gold	27	2	87	0.5	5.54	6.43	5.01	26	110	0.0
Gold	31	3	87	1.0	5.05	8.79	5.40	32	110	0.0
Gold	23	4	87	11.0	5.33	5.29	2.65	21	110	0.0
Gold	28	5	87	15.0	5.65	5.58	3.83	22	110	0.7
Gold	29	6	87	20.5	5.34	8.51	4.42	24	220	0.0
Gold	15	7	87	23.0	5.64	6.43	4.32	24	130	0.7

Table 1. Continued.

River	Day	Month	Year	Temp. °C	pH	Acidity ppm	Hardness ppm	Conductance μmho/cm	Colour Pt-Co	Alkalinity ppm
Gold	20	8	87	25.0	6.26	3.59	4.71	26	110	1.9
Gold	30	9	87	16.0	5.28	4.79	7.86	34	110	0.0
Gold	6	10	87							
Gold	21	10	87	11.5	5.24	6.02	6.28	30	110	0.0
Gold	27	11	87	3.0	4.87	7.18	5.40	28	130	0.0
Ingram	27	2	87	0.5	5.13	5.48	3.73	23	110	0.0
Ingram	31	3	87	2.0	4.97	8.03	3.44	23	90	0.0
Ingram	6	4	87	3.0	4.88	6.24	3.93	21	90	0.0
Ingram	14	4	87	3.5	4.91	6.14	2.26	19	90	0.0
Ingram	24	4	87	8.0	5.00	5.48	2.46	19	90	0.0
Ingram	28	5	87	14.0	5.29	4.73	2.95	19	65	0.0
Ingram	24	6	87	21.0	5.35	5.76	2.55	20	110	0.0
Ingram	15	7	87	23.0	5.43	4.73	2.55	19	65	0.0
Ingram	19	8	87	26.0	5.59	4.63	3.04	21	90	0.0
Ingram	23	9	87	16.0	4.78	10.40	5.20	27	100	0.0
Ingram	6	10	87							
Ingram	21	10	87	11.0	5.23	4.37	3.73	22	110	0.0
Ingram	24	11	87	4.0	4.82	6.93	5.20	25	110	0.0
LaHave	26	2	87	0.5	6.16	5.29	7.66	30	90	1.8
LaHave	31	3	87	2.0	6.10	7.37	6.68	34	110	2.1
LaHave	23	4	87	10.5	6.03	4.16	5.70	24	110	1.3
LaHave	28	5	87	14.5	6.15	5.10	5.20	26	110	2.1
LaHave	29	6	87	21.0	6.33	5.39	5.89	27	110	2.4
LaHave	17	7	87	23.0	6.13	3.50	5.70	25	110	1.8
LaHave	20	8	87	25.0	6.23	4.06	5.40	27	90	2.3
LaHave	30	9	87	16.0	5.93	3.88	10.51	39	110	0.9
LaHave	7	10	87							
LaHave	21	10	87	12.0	5.74	5.20	7.37	35	110	1.6
LaHave	27	11	87	3.0	5.62	4.47	6.68	30	110	0.3
Middle	27	2	87	0.5	5.29	6.43	5.79	32	110	0.0
Middle	31	3	87	2.0	4.74	8.03	3.93	29	110	0.0
Middle	23	4	87	11.0	5.15	5.39	4.32	25	110	0.0
Middle	28	5	87	13.0	5.43	4.91	4.32	27	110	0.0
Middle	29	6	87	21.0	5.40	7.18	4.03	26	220	0.0
Middle	15	7	87	23.0	5.58	5.20	4.22	27	150	0.0
Middle	20	8	87	25.0	6.27	3.50	6.87	37	110	1.7
Middle	30	9	87	16.0	5.00	5.86	5.50	29	110	0.0
Middle	21	10	87	10.0	4.91	7.67	3.24	31	110	0.0
Middle	27	11	87	3.0	4.60	8.75	5.70	32	130	0.0
Nine Mile	27	2	87	1.0	4.93	9.92	6.87	47	110	0.0
Nine Mile	30	3	87	2.0	4.95	11.91	7.17	60	65	0.0
Nine Mile	27	4	87	6.0	5.00	7.84	4.71	45	55	0.0
Nine Mile	29	5	87	15.0	5.10	5.29	5.70	44	55	0.0
Nine Mile	24	6	87	20.0	5.09	6.33	5.30	44	55	0.0
Nine Mile	14	7	87	23.0	5.08	3.69	4.91	42	65	0.0
Nine Mile	19	8	87	25.0	5.66	5.29	4.12	51	55	0.9
Nine Mile	23	9	87	17.0	5.00	9.73	5.70	41	55	0.0
Nine Mile	20	10	87	14.0	4.90	9.98	6.19	46	60	0.0
Nine Mile	24	11	87	4.0	4.77	6.60	5.50	47	110	0.0

Table 1. Continued.

River	Day	Month	Year	Temp. °C	pH	Acidity ppm	Hardness ppm	Conductance μmho/cm	Colour Pt-Co	Alkalinity ppm
Sackville	27	2	87	0.5	5.68	5.48	8.05	40	75	0.0
Sackville	30	3	87	2.0	4.63	12.00	8.64	58	65	0.0
Sackville	23	4	87	10.0	5.03	6.90	5.99	35	110	0.0
Sackville	28	5	87	15.0	5.43	10.02	6.52	51	130	0.0
Sackville	24	6	87	20.0	5.07	10.77	7.66	41	220	0.0
Sackville	15	7	87	23.0	5.05	8.51	9.72	56	220	0.0
Sackville	19	8	87	24.0	5.04	8.51	12.28	66	180	0.0
Sackville	20	10	87	10.5	4.36	12.38	15.52	69	180	0.0
Sackville	24	11	87	4.0	4.33	9.65	9.92	52	110	0.0
Sackville	29	12	87	0.5	4.60	9.90	11.56	58	120	0.0
Salmon	30	3	87	2.0	4.60	8.22	8.15	41	90	0.0
Salmon	23	4	87	9.0	4.68	6.80	5.40	36	65	0.0
Salmon	29	5	87	15.0	4.68	5.76	5.70	37	55	0.0
Salmon	24	6	87	19.0	4.65	7.37	7.27	42	55	0.0
Salmon	15	7	87	23.0	4.67	4.06	6.38	38	55	0.0
Salmon	21	8	87	23.0	4.79	5.20	6.78	30	55	0.0
Salmon	23	9	87	16.0	4.70	9.54	8.15	38	55	0.0
Salmon	22	10	87	13.0	4.65	6.35	8.84	44	55	0.0
Salmon	24	11	87	4.0	4.53	8.09	9.62	46	90	0.0
Salmon	29	12	87	0.5	4.50	9.16	6.48	37	140	0.0
West	26	2	87	1.0	5.13	7.65	3.93	23	130	0.0
West	31	3	87	2.0	4.93	8.98	3.44	22	110	0.0
West	23	4	87	11.0	5.13	5.67	3.73	21	110	0.0
West	28	5	87	16.0	5.40	6.05	2.75	20	110	
West	29	6	87	20.0	5.46	6.43	3.73	21	220	0.0
West	17	7	87	23.0	5.43	6.90	3.73	22	220	0.0
West	20	8	87	25.0	5.56	4.73	2.95	23	110	0.0
West	30	9	87	16.0	4.78	7.18	7.66	34	110	0.0
West	21	10	87	11.0	4.93	6.02	4.91	28	110	0.0
West	27	11	87	3.0	4.77	6.44	5.01	27	110	0.0
Canaan	7	1	88	0.5	4.49	8.58	2.95	25	170	0.0
Canaan	27	1	88							
Canaan	23	2	88	2.0	4.40	13.61	1.96	26	110	0.0
Canaan	24	3	88	2.0	4.40	9.76	3.34	26	110	0.0
Canaan	21	4	88	4.0	4.59	7.58	2.06	22	110	0.0
Canaan	24	5	88	13.0	4.78	5.69	2.17	22	55	0.0
Canaan	24	6	88	19.0	4.79	6.45	1.96	20	55	0.0
Canaan	15	7	88	21.0	4.84	5.88	1.28	21	55	0.0
Canaan	16	8	88	20.0	4.77	5.88	2.20	21	65	0.0
Canaan	23	9	88	17.0	4.93	6.09	1.91	20	55	0.0
Canaan	14	10	88	10.4	4.85	5.91	1.43	20	55	0.0
Canaan	16	11	88	7.6	4.57	7.90	1.34	27	75	0.0
Canaan	19	12	88	0.6	4.65	7.99	2.39	28	75	0.0
Gold	6	1	88	0.5	5.05	4.62	4.52	24	120	0.0
Gold	26	2	88	1.5	4.79	7.42	3.44	23	120	0.0
Gold	23	3	88	3.0	5.09	5.88	4.71	28	120	0.0
Gold	12	4	88	4.0	4.90	5.50	3.44	22	110	0.0
Gold	11	5	88							
Gold	20	5	88	16.0	5.47	5.40	3.63	22	55	0.0

Table 1. Continued.

River	Day	Month	Year	Temp. °C	pH	Acidity ppm	Hardness ppm	Conductance μmho/cm	Colour Pt-Co	Alkalinity ppm
Gold	21	6	88	24.0	6.00	3.13	5.40	24	65	0.8
Gold	15	7	88	22.0	5.87	4.27	4.91	25	55	0.8
Gold	12	8	88	26.0	5.65	4.83	4.30	22	90	0.7
Gold	22	9	88	17.0	5.90	4.43	5.44	26	65	1.1
Gold	17	10	88	6.7	5.40	5.81	5.83	29	110	0.0
Gold	14	11	88	6.4	4.90	6.63	4.49	27	110	0.0
Gold	7	12	88	1.8	4.95	7.72	3.92	24	90	0.0
Ingram	27	1	88							
Ingram	26	2	88	1.5	4.58	8.91	2.55	21	110	0.0
Ingram	28	3	88	2.0	4.65	6.45	3.44	23	220	0.0
Ingram	19	5	88	14.0	5.09	4.46	2.26	19	55	0.0
Ingram	21	6	88	18.0	5.45	3.41	3.14	18	55	0.0
Ingram	8	7	88	21.0	5.33	4.65	2.06	19	35	0.0
Ingram	12	8	88	23.5	5.03	6.07	2.67	20	55	0.0
Ingram	20	9	88	18.0	5.20	5.26	3.34	21	55	0.0
Ingram	13	10	88	10.2	5.19	6.46	2.96	21	55	0.0
Ingram	14	11	88	8.0	4.65	7.45	2.96	26	110	0.0
Ingram	7	12	88	2.9	4.75	8.44	2.48	25	55	0.0
LaHave	6	1	88	0.5	5.90	5.78	6.87	30	90	1.0
LaHave	29	2	88	1.0	5.40	5.45	4.71	25	120	1.0
LaHave	23	3	88	2.0	5.85	4.27	6.68	32	90	1.0
LaHave	12	4	88	4.0	5.60	4.36	5.40	26	110	0.6
LaHave	20	5	88	15.0	6.05	3.60	4.91	27	55	1.0
LaHave	21	6	88	25.0	6.24	3.03	6.78	26	55	1.7
LaHave	15	7	88	22.5	6.15	4.36	5.11	26	35	1.5
LaHave	12	8	88	25.0	5.94	4.27	6.49	26	65	1.4
LaHave	22	9	88	17.5	6.28	3.32	5.25	29	55	1.8
LaHave	17	10	88	8.0	6.00	4.62	7.07	32	75	2.2
LaHave	15	11	88	6.6	5.75	4.99	7.74	30	90	1.7
LaHave	7	12	88	2.4	5.65	7.45	5.83	27	65	1.1
Middle	6	1	88	0.5	4.80	7.43	4.52	29	160	0.0
Middle	26	2	88	1.5	4.50	9.07	2.65	25	120	0.0
Middle	29	3	88	2.0	4.56	6.35	3.44	25	220	0.0
Middle	12	4	88	3.5	4.69	6.92	2.55	24	130	0.0
Middle	19	5	88	15.0	5.33	4.93	3.73	26	55	0.0
Middle	23	6	88	21.0	5.85	3.51	5.70	29	55	1.0
Middle	15	7	88	21.0	5.37	5.40	1.96	25	65	0.0
Middle	12	8	88	23.5	4.95	7.20	3.25	24	110	0.0
Middle	20	9	88	16.9	5.38	5.35	4.11	31	100	0.0
Middle	13	10	88	9.2	4.93	8.86	3.82	28	110	0.0
Middle	14	11	88	7.5	4.60	9.55	4.39	33	110	0.0
Middle	7	12	88	2.5	4.55	8.17	3.25	31	90	0.0
Nine Mile	23	3	88	1.5	4.58	8.44	6.58	54	110	0.0
Nine Mile	13	4	88	4.0	4.60	8.15	4.52	42	110	0.0
Nine Mile	19	5	88	16.0	4.93	5.40	4.81	42	35	0.0
Nine Mile	24	6	88	19.0	5.18	5.97	7.17	45	35	0.0
Nine Mile	8	7	88	21.0	5.15	4.27	3.63	46	25	0.0
Nine Mile	12	8	88	24.0	5.05	4.55	5.25	47	25	0.0
Nine Mile	20	9	88	18.5	5.20	4.52	4.49	46	35	0.0

Table 1. Continued.

River	Day	Month	Year	Temp. °C	pH	Acidity ppm	Hardness ppm	Conductance μmho/cm	Colour Pt-Co	Alkalinity ppm
Nine Mile	13	10	88	10.7	4.83	8.03	4.78	45	55	0.0
Nine Mile	14	11	88	8.1	4.75	8.17	5.54	48	70	0.0
Nine Mile	9	12	88	0.5	4.75	10.03	5.06	46	55	0.0
Sackville	28	2	88	0.5	4.49	12.70	8.47	40	140	0.0
Sackville	29	3	88	0.5	4.49	9.20	6.48	42	110	0.0
Sackville	13	4	88	4.5	4.63	7.58	5.79	42	110	0.0
Sackville	19	5	88	16.0	5.00	6.83	7.46	43	110	0.0
Sackville	21	6	88	19.0	5.27	8.82	9.13	52	130	0.0
Sackville	8	7	88	21.0	5.30	8.44	9.72	59	90	0.0
Sackville	12	8	88	23.5	4.79	15.74	9.36	47	220	0.0
Sackville	20	9	88	15.2	4.80	10.15	10.79	61	110	0.0
Sackville	13	10	88	8.4	4.30	17.54	12.80	72	110	0.0
Sackville	14	11	88	5.3	4.60	8.63	8.50	49	70	0.0
Sackville	9	12	88	1.9	4.73	9.35	7.83	47	55	0.0
Salmon	30	3	88	2.0	4.40	7.01	5.89	34	110	0.0
Salmon	15	4	88	5.0	4.53	6.92	5.50	36	110	0.0
Salmon	19	5	88	14.0	4.70	6.08	5.20	30	35	0.0
Salmon	20	6	88	21.0	4.87	4.55	5.10	28	35	0.0
Salmon	8	7	88	21.0	4.68	6.54	2.85	30	35	0.0
Salmon	15	8	88	22.5	4.73	5.31	6.40	34	35	0.0
Salmon	21	9	88	16.0	4.94	4.80	5.16	33	35	0.0
Salmon	17	10	88	9.7	4.77	6.00	6.78	35	55	0.0
Salmon	14	11	88	7.4	4.53	8.54	4.39	37	65	0.0
Salmon	15	12	88	1.8	4.50	9.35	5.54	37	110	0.0
West	6	1	88	0.5	4.80	7.67	4.12	23	160	0.0
West	29	2	88	1.5	4.69	6.60	7.86	23	140	0.0
West	23	3	88	2.0	4.83	5.88	3.93	24	130	0.0
West	12	4	88	3.0	4.83	4.46	3.44	24	110	0.0
West	20	5	88	15.0	5.20	5.59	3.73	21	65	0.0
West	21	6	88	23.0	5.43	4.74	4.22	21	90	0.0
West	15	7	88	22.0	5.41	6.16	2.75	22	65	0.0
West	12	8	88	25.5	5.20	6.35	3.63	22	70	0.0
West	22	9	88	16.0	5.17	6.74	4.01	23	75	0.0
West	17	10	88	6.9	4.96	7.85	4.49	26	110	0.0
West	15	11	88	6.1	4.85	7.26	3.72	25	90	0.0
West	7	12	88	2.0	4.85	6.99	3.53	24	65	0.0
Canaan	23	1	89	0.5	4.60	8.44	2.48	28	65	0.0
Canaan	2	3	89	1.5	4.64	10.64	2.21	32	55	0.0
Canaan	6	4	89	3.0	4.73	9.88	1.83	26	55	0.0
Canaan	3	5	89	7.0	4.80	10.84	2.02	24	55	0.0
Canaan	16	6	89	16.0	4.80	5.10	1.83	24	55	0.0
Canaan	13	7	89	20.2	4.92	6.43	1.83	22	60	0.0
Canaan	26	8	89	20.2	5.03	6.80	1.93	22	40	0.0
Canaan	25	9	89	14.7	4.90	6.14	1.83	26	55	0.0
Canaan	19	10	89	10.4	4.98	4.85	1.90	22	35	0.0
Canaan	19	11	89	0.8	4.80	5.55	2.21	27	55	0.0
Canaan	14	12	89	0.6	4.60	7.18	2.21	32	55	0.0
Gold	19	1	89	0.5	5.16	5.56	5.92	34	65	0.0
Gold	1	3	89	1.5	5.14	4.89	3.95	30	55	0.0

Table 1. Continued.

River	Day	Month	Year	Temp. °C	pH	Acidity ppm	Hardness ppm	Conductance μmho/cm	Colour Pt-Co	Alkalinity ppm
Gold	12	4	89	4.5	5.30	5.75	2.99	23	55	0.0
Gold	10	5	89	10.0	5.33	7.67	3.56	25	75	1.1
Gold	12	6	89	15.0	5.09	6.71	3.27	25	110	0.0
Gold	18	7	89	21.4	5.68	5.10	3.95	25	80	0.8
Gold	23	8	89	23.0	6.30	4.16	4.24	27	60	1.8
Gold	22	9	89	22.8	6.27	3.50	3.95	30	55	2.0
Gold	24	10	89	8.3	5.21	6.78	6.16	36	75	0.0
Gold	17	11	89	11.2	5.00	9.00	4.91	35	90	0.0
Gold	13	12	89	1.0	4.95	4.98	4.82	35	55	0.0
Ingram	17	1	89	2.0	4.95	5.95	4.01	25	65	0.0
Ingram	1	3	89	1.0	4.94	6.23	2.99	25	55	0.0
Ingram	13	4	89	4.0	4.94	6.84	2.21	21	45	0.0
Ingram	4	5	89	9.0	5.13	8.15	2.50	22	55	0.0
Ingram	12	6	89	15.9	5.03	5.20	2.50	22	55	0.0
Ingram	18	7	89	21.5	5.18	5.39	2.50	22	55	0.0
Ingram	23	8	89	24.5	5.62	4.44	2.60	22	40	0.0
Ingram	22	9	89	21.4	5.43	5.58	23.11	25	45	0.0
Ingram	24	10	89	9.4	5.20	5.72	3.37	24	45	0.0
Ingram	17	11	89	10.2	4.90	6.89	3.27	28	55	0.0
Ingram	13	12	89	1.0	4.77	5.84	3.08	29	55	0.0
LaHave	19	1	89	1.0	5.90	4.12	6.69	32	55	1.4
LaHave	1	3	89	1.5	5.69	4.70	5.39	30	55	1.0
LaHave	11	4	89	4.5	5.80	5.27	4.43	27	55	1.0
LaHave	11	5	89	11.0	5.80	7.19	4.62	27	55	1.3
LaHave	13	6	89	15.5	6.19	3.21	6.07	32	65	2.9
LaHave	18	7	89	20.4	6.18	4.73	5.49	29	50	2.0
LaHave	24	8	89	26.2	6.32	3.78	5.49	29	40	1.9
LaHave	26	9	89	16.7	6.29	3.21	4.72	32	35	2.1
LaHave	24	10	89	8.8	5.88	4.39	8.19	42	55	1.5
LaHave	17	11	89	10.8	6.00	5.45	9.05	43	65	1.6
LaHave	13	12	89	0.8	5.57	5.55	6.16	35	55	
Middle	19	1	89	1.0	4.68	7.29	5.35	32	90	0.0
Middle	1	3	89	1.5	4.85	6.62	3.37	35	55	0.0
Middle	11	4	89	4.0	4.85	7.00	2.02	24	55	0.0
Middle	10	5	89	9.5	4.93	9.30	2.70	27	55	0.0
Middle	12	6	89	15.9	5.03	6.33	3.37	29	90	0.0
Middle	18	7	89	19.2	5.78	5.29	4.62	32	90	0.9
Middle	23	8	89	23.1	6.38	6.52	7.51	43	60	2.7
Middle	22	9	89	21.0	6.10	5.48	7.32	49	55	1.8
Middle	24	10	89	7.9	4.96	7.78	4.43	35	55	0.0
Middle	17	11	89	10.2	4.89	7.27	4.04	38	75	0.0
Middle	13	12	89	0.8	4.65	7.37	4.24	39	75	0.0
Nine Mile	17	1	89	2.0	4.75	7.38	6.49	55	55	0.0
Nine Mile	1	3	89	2.0	4.80	5.37	5.78	54	45	0.0
Nine Mile	11	4	89	4.0	4.87	9.11	4.62	46	35	0.0
Nine Mile	10	5	89	10.0	4.85	9.40	4.53	46	45	0.0
Nine Mile	12	6	89	15.8	4.78	5.10	4.72	49	45	0.0
Nine Mile	19	7	89	20.7	4.92	6.90	5.20	50	45	0.0
Nine Mile	23	8	89	22.7	5.30	4.54	5.68	53	20	0.0

Table 1. Continued.

River	Day	Month	Year	Temp. °C	pH	Acidity ppm	Hardness ppm	Conductance μho/cm	Colour Pt-Co	Alkalinity ppm
Nine Mile	23	9	89	19.8	5.23	6.52	4.62	50	35	0.0
Nine Mile	24	10	89	10.3	4.89	7.32	5.01	49	55	0.0
Nine Mile	18	11	89	9.4	4.85	4.59	5.01	50	55	0.0
Nine Mile	13	12	89	1.6	4.73	7.46	5.49	55	55	0.0
Sackville	17	1	89	2.0	4.84	7.19	11.17	80	55	0.0
Sackville	2	3	89	0.5	4.93	7.86	8.76	60	45	0.0
Sackville	11	4	89	3.0	4.96	7.01	6.64	47	45	0.0
Sackville	10	5	89	9.0	4.66	13.14	6.64	71	65	0.0
Sackville	12	6	89	12.8	4.65	9.36	7.13	51	110	0.0
Sackville	19	7	89	19.4	4.80	10.02	10.59	66	110	0.0
Sackville	23	8	89	20.2	5.08	11.72	9.24	64	100	0.0
Sackville	24	10	89	8.0	4.40	10.37	14.64	78	70	0.0
Sackville	17	11	89	11.2	4.49	7.18	9.24	71	65	0.0
Sackville	12	12	89	1.0	4.54	7.08	10.50	72	55	0.0
Salmon	17	1	89	2.0	4.56	7.10	5.92	37	55	0.0
Salmon	12	4	89	4.5	4.70	7.49	4.33	33	55	0.0
Salmon	10	5	89	10.0	4.65	9.39	4.24	34	55	0.0
Salmon	12	6	89	15.5	4.66	6.05	3.66	31	55	0.0
Salmon	19	7	89	20.2	4.80	5.86	3.95	30	55	0.0
Salmon	23	8	89	23.5	5.05	5.67	4.43	28	25	0.0
Salmon	22	9	89	19.6	5.20	5.67	4.14	32	55	0.0
Salmon	25	10	89	9.3	4.72	6.41	5.49	36	35	0.0
Salmon	19	11	89	8.5	4.70	5.36	5.01	40	55	0.0
Salmon	12	12	89	1.2	4.50	6.12	6.64	45	55	0.0
West	19	1	89	0.5	4.90	6.04	4.39	25	65	0.0
West	1	3	89	1.5	4.90	5.66	2.99	25	65	0.0
West	11	4	89	5.0	5.10	7.00	2.50	22	55	0.0
West	11	5	89	11.0	5.00	10.45	2.60	21	90	0.0
West	13	6	89	14.8	5.15	5.86	2.41	20	110	0.0
West	18	7	89	19.2	5.45	6.24	2.99	21	100	1.7
West	24	8	89	25.0	5.68	5.76	2.70	22	60	0.8
West	26	9	89	13.8	5.40	6.52	2.79	27	55	0.0
West	24	10	89	7.2	4.96	7.18	4.24	32	65	0.0
West	17	11	89	11.2	4.86	6.31	3.66	32	90	0.0
West	13	12	89	1.0	4.83	8.61	3.56	31	55	0.0
Canaan	17	2	90	2.1	4.55	9.40	1.93	33	55	0.0
Canaan	15	3	90	3.2	4.65	11.67	2.12	28	55	0.0
Canaan	23	4	90	5.2	4.65	8.83	1.44	25	55	0.0
Canaan	16	5	90	10.5	4.70	7.88	1.25	23	55	0.0
Canaan	19	6	90	19.0	4.70	6.60	1.51	22	55	0.0
Canaan	16	7	90	21.1	4.83	5.38	1.71	21	55	0.0
Canaan	26	8	90	22.0	5.04	1.81	6.06	19	55	0.0
Canaan	23	9	90	17.2	4.50	10.57	2.31	32	90	0.0
Canaan	23	10	90	13.2	4.95	3.97	1.41	20	55	0.0
Canaan	14	11	90	6.4	4.53	7.29	1.91	27	55	0.0
Canaan	14	12	90	1.6	4.53	10.07	2.11	31	65	0.0
Gold	19	2	90	1.2	5.03	5.60	3.66	33	55	0.0
Gold	13	3	90	1.2	5.19	5.30	3.94	29	55	0.0
Gold	20	4	90	7.2	5.06	6.17	2.79	23	65	0.0

Table 1. Continued.

River	Day	Month	Year	Temp. °C	pH	Acidity ppm	Hardness ppm	Conductance μmho/cm	Colour Pt-Co	Alkalinity ppm
Gold	24	5	90	8.3	5.17	7.40	2.99	22	90	0.0
Gold	26	6	90	20.4	5.28	7.07	3.62	22	130	0.0
Gold	16	7	90	23.5	5.74	3.77	3.91	21	90	0.9
Gold	22	8	90	22.7	5.98	3.58	4.82	26	65	1.2
Gold	21	9	90	14.2	6.08	2.50	5.13	36	55	1.5
Gold	17	10	90	15.4	6.00	2.72	5.54	32	65	1.6
Gold	15	11	90	4.3	4.86	7.48	4.23	31	90	0.0
Gold	18	12	90	1.0	4.78	8.53	3.32	27	90	0.0
Ingram	19	2	90	0.9	4.86	5.88	2.99	30	55	0.0
Ingram	13	3	90	2.5	4.95	7.40	3.18	25	45	0.0
Ingram	19	4	90	5.6	4.74	7.21	2.12	22	55	0.0
Ingram	15	5	90	11.5	4.77	7.69	2.12	24	55	0.0
Ingram	27	6	90	19.5	5.06	5.47	2.51	20	55	0.0
Ingram	13	7	90	23.6	5.28	2.41	4.43	19	55	0.0
Ingram	22	8	90	23.0	5.50	3.16	2.71	20	55	0.0
Ingram	20	9	90	16.5	5.68	5.00	3.02	22	45	0.5
Ingram	17	10	90	13.8	5.60	3.42	2.62	22	45	0.0
Ingram	15	11	90	4.8	4.78	7.11	3.42	27	65	0.0
Ingram	14	12	90	1.0	4.60	8.10	2.62	28	65	0.0
LaHave	19	2	90	1.3	5.65	4.37	5.20	34	55	0.7
LaHave	12	3	90	1.3	5.90	4.93	6.55	35	55	1.3
LaHave	20	4	90	6.5	5.50	4.65	4.53	26	55	0.7
LaHave	10	5	90							
LaHave	24	5	90	7.2	6.28	6.07	8.47	40	55	3.8
LaHave	28	6	90	20.0	5.76	4.05	4.22	23	110	1.1
LaHave	20	7	90	23.2	6.03	3.58	4.32	26	55	1.6
LaHave	23	8	90	19.2	5.94	4.95	4.82	24	75	1.4
LaHave	21	9	90	16.8	6.20	4.52	4.32	26	55	1.6
LaHave	19	10	90	15.2	6.01	1.94	5.34	29	55	1.9
LaHave	21	11	90	5.0	5.36	5.72	6.14	31	65	0.0
LaHave	18	12	90	1.0	5.50	5.89	5.04	29	65	0.0
Middle	19	2	90	0.8	4.84	6.45	3.18	39	55	0.0
Middle	13	3	90	3.2	5.13	6.17	4.04	34	55	0.0
Middle	20	4	90	7.0	4.74	7.50	2.21	27	65	0.0
Middle	24	5	90	7.3	5.13	8.92	3.27	31	90	0.0
Middle	26	6	90	19.0	5.00	7.26	2.91	24	110	0.0
Middle	17	7	90	23.6	5.48	4.90	3.72	26	90	0.0
Middle	22	8	90	22.5	5.55	5.46	3.22	25	65	0.0
Middle	21	9	90	13.5	5.55	4.90	7.44	35	90	0.9
Middle	17	10	90	15.0	5.80	3.51	6.24	37	65	1.1
Middle	15	11	90	5.0	4.57	9.97	3.73	35	90	0.0
Middle	18	12	90	2.2	4.54	9.98	2.11	32	90	0.0
Nine Mile	19	2	90	1.3	4.78	8.64	5.30	64	55	0.0
Nine Mile	13	3	90	3.0	4.85	8.54	6.74	67	35	0.0
Nine Mile	19	4	90	5.5	4.68	8.35	4.91	50	45	0.0
Nine Mile	22	5	90							
Nine Mile	16	7	90	23.6	5.15	5.28	5.73	50	45	0.0
Nine Mile	22	8	90	21.3	5.16	5.63	5.63	48	35	0.0
Nine Mile	23	9	90	18.2	5.16	5.29	5.73	44	55	0.0

Table 1. Continued.

River	Day	Month	Year	Temp. °C	pH	Acidity ppm	Hardness ppm	Conductance μmho/cm	Colour Pt-Co	Alkalinity ppm
Nine Mile	17	10	90	14.2	5.19	3.23	5.94	50	55	0.0
Nine Mile	14	11	90	5.0	4.73	6.65	4.83	50	55	0.0
Nine Mile	14	12	90	1.0	4.57	8.19	5.74	52	55	0.0
Sackville	17	2	90	1.0	4.66	9.87	7.80	68	55	0.0
Sackville	13	3	90	1.5	4.99	8.92	12.90	88	45	0.0
Sackville	19	4	90	5.5	4.65	9.77	5.39	45	55	0.0
Sackville	15	5	90	11.5	4.75	10.73	7.42	54	65	0.0
Sackville	25	6	90	17.8	5.18	8.49	9.65	55	110	0.0
Sackville	13	7	90	24.2	5.14	6.03	8.39	46	130	0.0
Sackville	22	8	90	17.7	5.24	9.30	10.95	68	110	0.0
Sackville	20	9	90	11.8	5.39	3.75	11.86	68	55	0.0
Sackville	17	10	90	12.2	4.95	5.54	14.30	73	110	0.0
Sackville	15	11	90	2.2	4.40	11.08	9.77	59	90	0.0
Sackville	14	12	90	0.5	4.55	9.30	7.55	49	55	0.0
Salmon	17	2	90	1.7	4.55	7.21	5.30	47	55	0.0
Salmon	13	3	90	2.5	4.58	7.12	4.72	39	35	0.0
Salmon	19	4	90	6.5	4.57	7.88	4.04	33	55	0.0
Salmon	22	5	90	10.1	4.63	8.16	2.79	33	55	0.0
Salmon	27	6	90	21.1	4.73	5.94	4.52	30	55	0.0
Salmon	13	7	90	24.0	4.83	4.92	5.38	30	55	0.0
Salmon	22	8	90	20.5	4.88	5.89	4.92	33	45	0.0
Salmon	20	9	90	16.6	5.05	6.05	5.33	33	35	0.0
Salmon	17	10	90	14.4	4.84	3.88	5.54	33	55	0.0
Salmon	15	11	90	4.2	4.50	7.11	6.85	42	55	0.0
Salmon	19	12	90	2.8	4.36	10.24	4.43	40	65	0.0
West	19	2	90	1.2	4.90	6.26	3.08	27	55	0.0
West	12	3	90	1.2	4.85	6.64	3.27	25	55	0.0
West	20	4	90	6.2	4.83	6.93	2.31	23	65	0.0
West	24	5	90	7.6	5.15	7.12	2.99	22	90	0.0
West	28	6	90	18.0	5.10	6.32	2.41	19		0.0
West	20	7	90	23.5	5.27	6.32	2.51	19	90	0.0
West	23	8	90	18.5	5.26	6.06	2.91	20	90	0.0
West	21	9	90	16.6	5.57	6.05	2.51	20	65	0.0
West	19	10	90	15.0	5.29	3.88	3.73	23	110	0.0
West	21	11	90	5.0	4.64	8.58	3.93	30	90	0.0
West	18	12	90	1.0	4.67	9.30	3.02	25	90	0.0
Canaan	18	1	91	1.0	4.50	9.90	1.71	31	65	0.0
Canaan	28	2	91	2.7	4.50	10.95	1.62	30	65	0.0
Canaan	18	3	91	3.0	4.59	10.59	1.45	25	55	0.0
Canaan	17	4	91	5.5	4.57	9.59	1.15	24	55	0.0
Canaan	6	5	91	9.5	4.66	8.96	0.72	22	55	0.0
Canaan	7	6	91	21.0	4.80	5.51	1.13	21	55	0.0
Canaan	17	7	91	25.0	4.95	6.19	1.23	19	55	0.0
Canaan	15	8	91	21.7	4.79	5.88	1.52	22	55	0.0
Canaan	27	9	91	17.0	4.85	7.52	1.31	21	55	0.0
Canaan	22	10	91	10.0	4.75	5.96	1.32	24	65	0.0
Canaan	22	11	91	6.5	4.63	8.48	0.98	26	90	0.0
Canaan	23	12	91	2.0	4.63	7.88	1.28	26	70	0.0
Gold	16	1	91	0.5	5.04	7.17	3.73	27	65	0.0

Table 1. Continued.

River	Day	Month	Year	Temp.	pH	Acidity	Hardness	Conductance	Colour	Alkalinity
				°C	ppm	ppm	μmho/cm	Pt-Co	ppm	
Gold	26	2	91	0.5	5.13	6.20	4.10	32	55	0.0
Gold	19	3	91	3.0	5.15	6.31	3.06	31	55	0.0
Gold	23	4	91	5.5	4.77	6.71	1.54	21	55	0.0
Gold	13	5	91	16.0	5.28	6.41	1.87	20	65	0.0
Gold	10	6	91	22.0	5.70	6.62	3.38	21	55	0.7
Gold	16	7	91	26.5	6.39	2.97	3.96	25	55	1.5
Gold	15	8	91	24.5	5.28	9.61	5.83	30	110	0.0
Gold	26	9	91	16.0	4.97	8.10	4.33	29	110	0.0
Gold	23	10	91	10.0	5.06	7.75	3.40	26	110	0.0
Gold	22	11	91	6.0	5.03	7.68	2.76	23	90	0.0
Gold	27	12	91	0.4	5.10	5.53	3.59	25	65	0.0
Ingram	16	1	91	0.5	4.73	6.79	3.02	27	55	0.0
Ingram	26	2	91	1.5	4.83	6.61	2.60	24	55	0.0
Ingram	19	3	91	2.5	4.93	6.65	2.52	21	45	0.0
Ingram	18	4	91	5.0	5.00	4.85	2.00	20	35	0.0
Ingram	13	5	91	15.0	4.97	6.83	1.51	20	55	0.0
Ingram	7	6	91	18.0	5.20	4.73	2.44	19	55	0.0
Ingram	15	7	91	23.0	5.57	4.51	2.79	21	55	0.0
Ingram	14	8	91	24.0	5.13	6.51	2.17	24	55	0.0
Ingram	25	9	91	15.0	5.20	4.41	2.28	22	45	0.0
Ingram	21	10	91	11.5	4.80	5.96	2.34	26	65	0.0
Ingram	22	11	91	6.2	4.74	7.45	2.04	24	70	0.0
Ingram	27	12	91	0.4	4.85	6.73	2.57	25	55	0.0
LaHave	17	1	91	1.0	5.80	5.00	5.94	36	55	1.1
LaHave	27	2	91	0.5	5.80	4.83	6.05	32	45	1.9
LaHave	18	3	91	3.0	5.86	4.40	5.31	30	35	0.8
LaHave	23	4	91	6.5	5.67	4.49	4.12	24	35	1.1
LaHave	9	5	91	13.0	5.80	4.46	3.09	25	55	0.9
LaHave	10	6	91	13.5	5.93	2.87	4.37	25	35	1.2
LaHave	16	7	91	23.7	6.39	2.74	4.81	27	35	1.4
LaHave	15	8	91	24.0	6.20	3.02	4.63	30	35	1.5
LaHave	26	9	91	16.0	5.80	4.32	5.70	29	55	1.1
LaHave	23	10	91	11.0	5.86	5.04	2.94	31	65	1.2
LaHave	22	11	91	6.0	5.66	6.18	3.91	27	90	0.0
LaHave	28	12	91	0.5	5.83	4.71	5.97	29	65	1.2
Middle	16	1	91	0.5	4.85	7.83	4.03	34	75	0.0
Middle	26	2	91	1.0	4.80	7.10	3.46	31	55	0.0
Middle	19	3	91	3.0	5.23	6.30	5.78	63	55	0.0
Middle	18	4	91	5.5	5.00	5.62	2.49	26	55	0.0
Middle	10	5	91	15.5	4.86	7.31	1.59	23	65	0.0
Middle	10	6	91	20.0	5.26	4.45	2.50	24	55	0.0
Middle	16	7	91	19.4	5.79	6.43	5.77	32	75	1.1
Middle	14	8	91	24.0	5.13	6.59	2.28	25	65	0.0
Middle	25	9	91	15.0	4.68	8.83	2.33	27	110	0.0
Middle	23	10	91	9.2	4.69	9.68	2.61	29	110	0.0
Middle	22	11	91	6.0	4.68	9.23	1.85	29	110	0.0
Middle	27	12	91	0.3	4.78	8.38	1.77	28	90	0.0
Nine Mile	16	1	91	0.7	4.60	8.39	5.54	49	55	0.0
Nine Mile	26	2	91	1.3	4.69	8.24	5.84	51	35	0.0

Table 1. Continued.

River	Day	Month	Year	Temp. °C	pH	Acidity ppm	Hardness ppm	Conductance μmho/cm	Colour Pt-Co	Alkalinity ppm
Nine Mile	19	3	91	3.0	5.05	8.77	6.71	66	45	0.0
Nine Mile	18	4	91	4.0	4.73	7.77	4.27	45	35	0.0
Nine Mile	13	5	91	13.8	4.85	6.71	4.17	45	45	0.0
Nine Mile	7	6	91	18.0	5.03	6.94	5.23	46	35	0.0
Nine Mile	15	7	91	19.7	5.10	6.27	4.62	44	35	0.0
Nine Mile	14	8	91	24.0	5.55	5.40	5.87	51	55	0.0
Nine Mile	25	9	91	17.0	4.83	6.12	4.50	46	35	0.0
Nine Mile	21	10	91	12.0	4.83	7.86	4.79	49	55	0.0
Nine Mile	23	11	91	5.5	4.63	8.15	4.14	46	65	0.0
Nine Mile	29	12	91	1.3	4.75	5.80	6.48	63	55	0.0
Sackville	16	1	91	0.4	4.97	11.98	11.18	61	55	0.0
Sackville	26	2	91	1.0	4.78	8.36	8.72	59	55	0.0
Sackville	19	3	91	1.5	5.00	8.55	9.44	75	45	0.0
Sackville	22	4	91	5.0	4.70	8.60	5.31	48	55	0.0
Sackville	13	5	91	15.0	4.90	7.84	5.13	43	65	0.0
Sackville	7	6	91	17.0	5.23	5.96	7.64	55	90	0.0
Sackville	15	7	91	17.0	5.39	10.10	8.73	56	110	0.5
Sackville	14	8	91	19.5	4.55	14.85	13.25	73	90	0.0
Sackville	27	9	91	16.0	4.40	14.66	9.38	62	110	0.0
Sackville	21	10	91	10.0	4.63	8.03	7.82	56	110	0.0
Sackville	22	11	91	3.5	4.70	8.82	5.78	47	65	0.0
Sackville	27	12	91	0.5	4.86	7.98	9.06	55	60	0.0
Salmon	16	1	91	0.5	4.43	8.86	4.93	40	55	0.0
Salmon	26	2	91	1.0	4.44	8.97	6.24	43	55	0.0
Salmon	19	3	91	3.0	4.50	8.21	4.32	36	35	0.0
Salmon	22	4	91	7.0	4.63	6.32	3.94	32	35	0.0
Salmon	13	5	91	14.0	4.59	7.99	3.90	32	55	0.0
Salmon	7	6	91	16.0	4.80	7.53	3.55	30	35	0.0
Salmon	15	7	91	19.6	4.93	6.08	3.80	32	35	0.0
Salmon	14	8	91	22.5	5.03	4.76	4.23	31	25	0.0
Salmon	25	9	91	17.0	4.76	5.95	4.19	33	35	0.0
Salmon	21	10	91	11.0	4.56	7.36	5.52	40	55	0.0
Salmon	23	11	91	5.0	4.53	8.14	4.30	40	65	0.0
Salmon	28	12	91	0.3	4.50	7.86	5.90	41	55	0.0
West	17	1	91	0.8	4.86	7.64	3.42	25	65	0.0
West	27	2	91	0.5	4.84	7.30	3.42	25	55	0.0
West	18	3	91	3.0	4.94	6.50	3.00	23	55	0.0
West	23	4	91	5.5	4.85	6.99	1.79	21	65	0.0
West	9	5	91	14.5	5.04	7.59	1.79	20	55	0.0
West	10	6	91	19.0	5.35	9.32	3.00	20	55	0.0
West	16	7	91	27.0	5.59	6.07	2.90	22	65	0.0
West	15	8	91	24.0	5.20	6.11	3.11	23	55	0.0
West	26	9	91	16.0	5.05	6.75	2.76	24	65	0.0
West	23	10	91	9.0	5.00	5.28	3.31	24	90	0.0
West	22	11	91	6.2	4.94	6.45	2.62	22	90	0.0
West	28	12	91	0.4	4.93	6.77	3.20	24	90	0.0
Canaan	20	1	92	0.2	4.47	8.33	0.98	26	55	0.0
Canaan	24	2	92	1.2	4.54	12.05	1.76	28	55	0.0
Canaan	26	3	92	2.3	4.60	13.70	1.83	26	55	0.0

Table 1. Continued.

River	Day	Month	Year	Temp. °C	pH	Acidity ppm	Hardness ppm	Conductance μmho/cm	Colour Pt-Co	Alkalinity ppm
Canaan	21	4	92	5.1	4.65	7.19	1.20	24	55	
Canaan	28	5	92	11.3	4.78	5.88	1.32	21	55	
Canaan	26	6	92	17.0	4.64	10.84		25	110	
Canaan	30	7	92	20.0	4.80	6.51	1.25	21	55	
Canaan	27	8	92	19.8	5.00	4.71	1.92	21	55	
Canaan	25	9	92	14.0	4.95	6.28	1.99	20	55	
Canaan	23	10	92	13.1	4.85	6.86	1.70	22	55	
Canaan	22	11	92	4.6	4.60	8.76	1.43	28	55	
Canaan	17	12	92	3.0	4.80	6.72	2.19	24	60	
Gold	20	1	92	0.3	4.90	6.86	3.35	26	55	0.0
Gold	27	2	92	0.5	4.93	7.66	3.23	28	55	0.0
Gold	25	3	92	0.5	5.35	7.27	3.90	27	55	0.0
Gold	23	4	92	6.1	5.33	5.58	3.08	21	55	0.0
Gold	29	5	92	14.2	5.58	5.49	3.59	22	55	0.5
Gold	26	6	92	16.4	5.75	6.90	3.36	25	65	0.9
Gold	30	7	92	20.0	5.55	8.36	3.52	24	65	0.5
Gold	26	8	92	23.0	5.35	8.41	4.02	25	110	0.0
Gold	25	9	92	17.2	5.65	7.61	3.36	25	90	0.8
Gold	23	10	92	8.6	5.55	7.20	5.94	33	90	0.5
Gold	25	11	92	3.0	4.95	10.02	5.35	34	110	
Gold	17	12	92	0.2	5.36	6.18	5.02	28	65	0.0
Ingram	20	1	92	0.2	4.65	7.46	2.26	25	55	0.0
Ingram	27	2	92	0.5	4.80	7.47	2.51	25	55	0.0
Ingram	27	3	92	1.7	4.97	7.67	2.90	23	55	0.0
Ingram	22	4	92	5.5	4.97	6.17	2.27	21	55	
Ingram	26	5	92	12.4	5.16	4.95	2.42	20	45	
Ingram	26	6	92	18.2	5.34	6.57	2.49	21	55	0.0
Ingram	30	7	92	19.1	5.30	7.11	2.27	21	55	0.0
Ingram	26	8	92	23.3	5.50	2.98	20.00	55	0	
Ingram	25	9	92	15.5	5.50	4.65	2.28	20	35	0.0
Ingram	23	10	92	9.3	5.70	4.39	2.65	21	55	0.0
Ingram	24	11	92	3.5	4.80	9.84	1.98	28	65	
Ingram	17	12	92	1.9	5.15	5.97	3.14	25	55	
LaHave	24	1	92	0.7	5.44	5.48	4.83	27	55	0.0
LaHave	27	2	92	0.3	5.80	6.32	6.46	34	45	1.3
LaHave	26	3	92	1.5	5.90	6.33	6.62	33	55	1.1
LaHave	22	4	92	8.5	6.00	4.41	5.41	28	55	1.5
LaHave	27	5	92	14.2	6.05	4.01	5.27	27	55	1.3
LaHave	26	6	92	17.8	6.03	7.23	5.47	30	55	1.9
LaHave	30	7	92	22.0	6.17	6.99	5.53	31	55	2.0
LaHave	26	8	92	22.7	6.14	5.30	6.27	32	55	2.2
LaHave	25	9	92	16.0	6.34	5.36	6.73	35	55	3.1
LaHave	23	10	92	10.5	5.90	7.57	9.70	45	55	2.2
LaHave	26	11	92	3.0	5.60	8.24	7.49	36	55	0.8
LaHave	17	12	92	1.0	5.80	4.96	6.12	31	55	0.9
Middle	20	1	92	0.2	4.59	8.34	2.12	26	65	0.0
Middle	27	2	92	0.3	4.80	7.47	3.67	39	55	0.0
Middle	25	3	92	2.0	4.85	8.01	2.74	26	55	0.0
Middle	23	4	92	5.5	4.86	6.40	2.11	23	55	

Table 1. Continued.

River	Day	Month	Year	Temp. °C	pH	Acidity ppm	Hardness ppm	Conductance μmho/cm	Colour Pt-Co	Alkalinity ppm
Middle	29	5	92	12.7	5.54	4.42	4.16	30	55	0.0
Middle	26	6	92	16.6	5.35	7.11	3.34	27	55	0.0
Middle	30	7	92	20.5	5.35	10.31	2.83	26	55	0.0
Middle	26	8	92	22.8	5.25	7.21	2.02	25	60	
Middle	24	9	92	12.5	5.40	7.61	3.00	26	65	0.0
Middle	23	10	92	9.2	5.33	7.95	4.42	28	65	0.0
Middle	25	11	92	3.5	4.60	10.02	2.44	32	110	
Middle	17	12	92	1.5	4.80	9.64	3.32	31	65	
Nine Mile	20	1	92	0.2	4.55	8.60	6.10	50	55	0.0
Nine Mile	28	2	92	0.3	4.80	10.24	7.39	59	45	0.0
Nine Mile	23	3	92	1.0	4.75	12.47	5.99	49	55	0.0
Nine Mile	23	4	92	4.4	5.00	6.72	4.86	44	45	
Nine Mile	26	5	92	14.8	5.05	5.65	5.22	45	35	
Nine Mile	26	6	92	18.2	5.45	5.79	7.44	54	45	0.5
Nine Mile	30	7	92	21.0	5.30	5.32	7.69	49	25	0.0
Nine Mile	27	8	92	22.0	5.25	7.14	5.91	47	25	
Nine Mile	25	9	92	15.2	5.25	7.23	3.87	47	55	
Nine Mile	23	10	92	10.2	5.45	8.24	9.87	57	60	2.7
Nine Mile	24	11	92	4.1	4.85	8.80	3.94	48	55	
Nine Mile	17	12	92	2.6	4.95	6.94	7.09	65	55	
Sackville	20	1	92	0.2	4.70	9.00	6.61	45	55	0.0
Sackville	27	2	92	0.5	4.77	14.93	7.50	62	55	0.0
Sackville	23	3	92	1.0	4.94	10.00	9.04	60	55	0.0
Sackville	23	4	92	3.4	5.05	7.12	7.96	33	55	
Sackville	26	5	92	12.1	5.10	6.29	6.61	45	65	
Sackville	26	6	92	18.0	5.10	11.25	7.58	56	110	
Sackville	30	7	92	21.5	5.10	13.49	13.75	77	55	
Sackville	27	8	92	23.5	5.00	7.01	12.30	72	55	
Sackville	25	9	92	13.2	4.70	10.91	17.50	99	45	
Sackville	23	10	92	9.0	5.15	7.10	13.71	74	45	
Sackville	24	11	92	2.8	4.43	14.71	11.19	74	55	
Sackville	17	12	92	0.7	4.74	11.55	12.75	76	60	
Salmon	20	1	92	0.2	4.37	9.11	4.15	41	65	0.0
Salmon	23	3	92	1.0	4.53	10.45	5.03	40	55	0.0
Salmon	24	4	92	5.5	4.64	6.39	4.18	33	45	
Salmon	26	5	92	13.3	4.65	6.49	4.46	34	45	
Salmon	26	6	92	19.0	4.85	6.49	4.73	33	35	
Salmon	30	7	92	22.8	4.85	6.80	4.59	32	55	
Salmon	27	8	92	22.3	4.97	4.69	4.40	22	25	
Salmon	25	9	92	15.0	5.10	5.85	2.35	32	25	
Salmon	23	10	92	9.7	5.25	8.13	5.46	34	35	0.0
Salmon	24	11	92	3.6	4.65	7.65	4.85	37	55	
Salmon	18	12	92	2.2	4.70	7.69	6.11	42	55	
West	24	1	92	0.3	4.85	7.36	3.39	24	55	0.0
West	27	2	92	0.2	4.85	8.78	3.44	24	55	0.0
West	26	3	92	1.2	4.95	10.43	3.51	24	65	0.0
West	22	4	92	9.0	5.07	6.44	2.77	22	55	0.0
West	27	5	92	12.3	5.26	5.91	3.02	22	55	
West	26	6	92	16.7	5.45	9.67	3.11	23	65	0.0

Table 1. Continued.

River	Day	Month	Year	Temp. °C	pH	Acidity ppm	Hardness ppm	Conductance μmho/cm	Colour Pt-Co	Alkalinity ppm
West	30	7	92	20.8	5.53	8.88	2.68	22	55	0.0
West	26	8	92	21.4	5.50	7.60	3.15	22	55	0.6
West	25	9	92	16.0	5.75	6.35	2.62	24	25	0.7
West	23	10	92	7.5	5.00	10.22	5.81	31	90	
West	26	11	92	3.1	4.75	10.85	3.88	30	90	
West	17	12	92	0.8	5.10	6.40	4.20	27	60	
Canaan	29	1	93	0.2	4.70	7.64	2.26	27	65	
Canaan	26	2	93	0.3	4.61	7.45	0.99	27	60	
Canaan	31	3	93	1.7	4.69	11.08	0.84	27	70	
Canaan	28	4	93	6.1	4.75	7.13	1.31	21	70	
Canaan	25	5	93	12.8	4.75	9.00	1.15	19	65	
Canaan	23	6	93	17.3	4.75	7.63	1.04	19	60	
Canaan	16	7	93	20.8	4.87	8.62	0.86	18	65	
Canaan	20	8	93	20.2	4.96	6.17	0.54	18	70	
Canaan	22	9	93	15.7	4.75	7.10	1.09	22	55	
Canaan	26	10	93	7.9	4.73	6.63	0.76	20	50	
Canaan	23	11	93	1.8	4.57	9.97	2.10	24	55	
Canaan	21	12	93	2.6	4.28	11.67	0.57	27	60	
Gold	29	1	93	0.7	5.05	6.35	4.52	32	65	
Gold	25	2	93	0.2	4.98	6.95	3.38	27	70	
Gold	30	3	93	1.3	5.28	6.71	3.34	28	75	
Gold	26	4	93	7.9	5.20	7.13	2.79	20	60	
Gold	21	5	93	12.6	5.17	9.46	2.95	25	70	
Gold	23	6	93	19.8	5.40	12.75	2.60	22	75	
Gold	15	7	93	23.0	5.40	7.94	3.23	21	60	
Gold	20	8	93	22.5	5.76	5.94	3.34	22	55	0.0
Gold	22	9	93	13.9	5.94	7.01	4.59	26	60	0.9
Gold	26	10	93	7.2	5.05	8.30	5.62	32	65	
Gold	25	11	93	2.1	4.98	9.81	4.61	25	60	
Gold	21	12	93	2.3	4.63	8.36	4.05	27	60	
Ingram	29	1	93	0.4	4.95	6.78	3.00	26	55	
Ingram	25	2	93	0.4	4.95	5.71	2.74	25	60	
Ingram	29	3	93	0.9	4.99	6.58	1.92	29	60	
Ingram	28	4	93	7.1	4.90		1.81	19	55	
Ingram	21	5	93	11.3	5.02	8.57	1.84	18	55	
Ingram	22	6	93	16.8	5.11	8.44	1.58	18	55	
Ingram	14	7	93	23.7	5.28	6.41	1.10	17	55	
Ingram	19	8	93	21.9	5.25	6.60	2.30	18	55	
Ingram	21	9	93	16.4	5.20	7.20	2.37	20	55	
Ingram	26	10	93	8.8	4.87	7.51	2.37	21	55	
Ingram	23	11	93	5.3	4.69	9.05	2.76	23	55	
Ingram	21	12	93	0.8	4.57	10.02	2.25	25	55	
LaHave	27	1	93	0.2	5.60	10.35	6.14	35	55	0.8
LaHave	25	2	93	0.2	5.73	5.41	6.17	33	60	1.0
LaHave	29	3	93	0.8	6.22	7.19	6.49	40	55	2.1
LaHave	26	4	93	5.6	5.54	4.56	0.70	55	55	0.0
LaHave	21	5	93	12.5	5.76	8.73	4.47	25	55	1.0
LaHave	23	6	93	17.3	5.88	6.86	4.54	23	55	1.1
LaHave	15	7	93	22.2	6.11	5.47	5.05	25	55	1.9

Table 1. Continued.

River	Day	Month	Year	Temp. °C	pH	Acidity ppm	Hardness ppm	Conductance μmho/cm	Colour Pt-Co	Alkalinity ppm
LaHave	20	8	93	21.9	6.35	5.13	5.74	28	50	1.6
LaHave	22	9	93	17.1	6.41	5.01	5.54	30	55	2.1
LaHave	26	10	93	8.2	6.35	3.86	9.38	39	55	2.0
LaHave	25	11	93	3.1	5.64	7.13	6.36	29	55	0.6
LaHave	21	12	93	2.4	5.40	8.69	6.29	28	55	
Middle	29	1	93	0.2	5.00	8.35	4.15	36	60	
Middle	25	2	93	0.2	4.81	7.29	3.20	30	60	
Middle	30	3	93	1.4	4.81	6.82	1.43	27	70	
Middle	26	4	93	7.1	4.75	7.08	1.43	21	55	
Middle	21	5	93	11.8	4.99	8.61	2.78	24	60	
Middle	22	6	93	19.3	4.89	10.92	1.69	22	60	
Middle	15	7	93	21.9	5.11	11.17	0.41	21	60	
Middle	20	8	93	22.2	5.17	8.55	2.42	22	65	
Middle	22	9	93	12.6	5.46	7.93	5.06	29	55	
Middle	26	10	93	6.8	4.81	8.53	2.78	27	55	
Middle	25	11	93	2.2	4.52	13.03	2.64	29	60	
Middle	21	12	93	2.8	4.39	12.49	3.05	33	65	
Nine Mile	29	1	93	2.0	4.83	7.37	6.52	58	55	
Nine Mile	25	2	93	0.6	4.81	4.02	6.73	58	50	
Nine Mile	29	3	93	1.2	4.69	11.29	5.12	58	45	
Nine Mile	28	4	93	7.8	4.66	8.30	4.31	40	55	
Nine Mile	21	5	93	1.8	4.82					
Nine Mile	22	6	93	17.8	4.88					
Nine Mile	15	7	93	22.5	4.82					
Nine Mile	19	8	93	20.2	4.80					
Nine Mile	21	9	93	16.5	4.82					
Nine Mile	19	10	93	11.5	4.74					
Nine Mile	23	11	93	5.7	4.49					
Nine Mile	22	12	93	4.3	4.52					
Sackville	25	2	93	0.2	4.79	4.90	7.15	50	65	
Sackville	29	3	93	0.4	4.66	13.86	6.79	60	55	
Sackville	28	4	93	4.5	4.70	8.00	5.91	39	65	
Sackville	21	5	93	12.2	5.12					
Sackville	22	6	93	18.2	5.07					
Sackville	14	7	93	23.2	4.88					
Sackville	19	8	93	19.2	4.80					
Sackville	21	9	93	12.4	4.45					
Sackville	19	10	93	9.4	4.46					
Sackville	23	11	93	3.5	4.54					
Sackville	28	12	93	1.0	4.55					
Salmon	25	2	93	0.3	4.48	8.88	6.10	45	60	
Salmon	25	3	93	1.0	4.61	8.95	4.77	39	65	
Salmon	27	4	93	6.1	4.57	7.74	4.52	33	55	
Salmon	26	5	93	13.5	4.63	9.66	4.08	29	55	
Salmon	22	6	93	18.0	4.57	10.28	4.00	30	55	
Salmon	14	7	93	22.0	4.69	8.04	4.68	32	40	
Salmon	19	8	93	22.2	4.67	7.07	5.06	33	45	
Salmon	21	9	93	16.1	4.98	7.48	5.26	33	40	
Salmon	19	10	93	10.4	4.57	9.67	4.89	32	55	

Table 1. Continued.

River	Day	Month	Year	Temp. °C	pH	Acidity ppm	Hardness ppm	Conductance μmho/cm	Colour Pt-Co	Alkalinity ppm
Salmon	23	11	93	5.2	4.33	12.24	4.41	36	55	
Salmon	23	12	93	1.9	4.31	11.90	3.87	39	55	
West	27	1	93	0.2	4.80	13.70	3.97	30	65	
West	25	2	93	0.2	4.80	7.88	8.57	26	80	
West	29	3	93	1.4	4.99	6.71	2.92	25	70	
West	26	4	93	8.5	4.99	8.04	2.45	22	65	
West	21	5	93	12.2	4.99	13.92	2.49	21	60	
West	23	6	93	17.2	5.17	9.45	2.42	20	60	
West	15	7	93	23.0	5.46	10.41	2.08	20	60	
West	20	8	93	22.8	5.59	9.05	3.06	22	55	0.0
West	22	9	93	16.2	6.04	7.63	3.04	25	55	0.6
West	26	10	93	6.4	4.69	9.66	6.28	32	60	
West	25	11	93	1.5	4.69	10.34	4.10	25	60	
West	21	12	93	1.9	4.74	10.00	3.45	24	65	
Canaan	20	1	94	0.5	4.33	12.56	1.76	29	55	
Canaan	24	2	94	0.9	4.22	17.97	1.49	35	55	
Canaan	24	3	94	2.2	4.37	9.41		23	55	
Canaan	25	4	94	8.2	4.45	8.70	0.00	22	60	
Canaan	20	5	94	10.4	4.51	7.18	0.66	20	55	
Canaan	23	6	94	19.5	4.45	9.62	0.00	19	55	
Canaan	26	7	94	23.9	4.69	6.14	0.92	19	55	
Canaan	24	8	94	19.2	4.69	6.47	1.43	23	60	
Canaan	16	9	94	12.5	4.93	4.90	1.20	20	55	
Canaan	27	10	94	10.2	4.80	8.85	1.44	20	55	
Canaan	23	11	94	6.9	4.75	7.59		24	55	
Canaan	16	12	94	1.3	4.60	9.71	1.44	24	65	
Gold	19	1	94	0.2	4.57	14.22	5.09	38	50	
Gold	24	2	94	0.8	4.93	11.40	4.56	32	55	
Gold	24	3	94	2.8	4.57	5.95	1.07	20	55	
Gold	22	4	94	9.1	5.08	6.39	1.72	19	60	
Gold	20	5	94	9.3	5.11	6.34	2.05	17	55	
Gold	21	6	94	20.5	5.46	10.28	2.72	19	60	0.0
Gold	26	7	94	25.2	5.52	4.50	2.81	20	55	1.0
Gold	23	8	94	20.8	5.79	4.30	3.11	23	55	1.3
Gold	21	9	94	18.1	6.23	6.83	3.75	25	55	
Gold	26	10	94	12.3	5.50	12.09	6.38	31	60	0.8
Gold	22	11	94	6.9	4.90	9.37		32	60	
Gold	16	12	94	1.1	5.00	9.10	4.39	27	55	
Ingram	19	1	94	0.2	4.63	12.77	2.46	25	55	
Ingram	23	2	94	0.5	4.45	10.01	1.34	28	55	
Ingram	25	3	94	2.1	4.31	6.34	0.74	21	55	
Ingram	22	4	94	8.9	4.73	6.29	1.62	19	55	
Ingram	19	5	94	9.5	4.75	6.56	1.50	19	55	
Ingram	21	6	94	19.9	4.99	9.37	0.98	19	50	
Ingram	26	7	94	22.8	5.28	7.48	1.93	19	60	
Ingram	18	8	94	20.2	5.51	4.08	1.35	19	55	0.0
Ingram	19	9	94	15.2	5.64	4.50	2.42	19	55	
Ingram	26	10	94	12.1	5.50	6.48	2.65	20	50	0.0
Ingram	22	11	94	7.8	4.96	6.79		24	55	

Table 1. Continued.

River	Day	Month	Year	Temp. °C	pH	Acidity ppm	Hardness ppm	Conductance μmho/cm	Colour Pt-Co	Alkalinity ppm
Ingram	15	12	94	2.1	4.80	9.08	2.46	24	55	
LaHave	19	1	94	0.1	5.58	9.83	8.73	44	50	
LaHave	24	2	94	1.0	5.64	9.83	7.67	39	55	1.3
LaHave	25	3	94	1.4	5.28	4.71	1.86	24	50	
LaHave	22	4	94	9.2	5.70	5.13	3.21	22	55	0.6
LaHave	20	5	94	10.2	5.70	5.22	3.59	21	55	0.6
LaHave	21	6	94	21.8	5.70	15.02	3.78	22	50	1.3
LaHave	28	7	94	23.8	6.05	5.34	4.04	22	55	1.3
LaHave	25	8	94	20.6	6.00	2.50	4.89	26	40	1.5
LaHave	21	9	94	17.8	6.23	3.08	5.42	27	55	
LaHave	26	10	94	12.6	6.20	1.95	6.90	32	50	2.0
LaHave	24	11	94	4.8	5.66	4.76		33	55	1.3
LaHave	16	12	94	1.3	5.55	6.66	4.53	29	55	1.5
Middle	19	1	94	0.5	4.39	16.70	2.90	35	55	
Middle	25	2	94	0.6	4.68	11.24	4.13	41	50	
Middle	25	3	94	2.2	4.45	6.51	1.28	23	55	
Middle	22	4	94	9.2	4.63	8.28	1.69	23	60	
Middle	19	5	94	9.5	4.63	9.78	1.68	25	60	
Middle	23	6	94	19.1	4.93	9.25	1.34	20	55	
Middle	26	7	94	24.2	5.40	7.00	3.80	22	55	
Middle	23	8	94	20.4	5.76	5.61	4.63	28	55	0.0
Middle	21	9	94	18.2	5.76	5.81	4.05	26	55	
Middle	26	10	94	11.5	5.40	7.64	3.30	25	55	0.0
Middle	22	11	94	6.9	4.60	11.56		32	60	
Middle	16	12	94	1.7	4.60	10.35	3.25	31	55	
Nine Mile	20	1	94	0.6	4.49					
Nine Mile	24	2	94	0.9	4.56					
Nine Mile	16	3	94	1.2	4.56					
Nine Mile	22	4	94	9.3	4.62					
Nine Mile	19	5	94	10.2	4.71					
Nine Mile	22	6	94	19.3	4.86					
Nine Mile	26	7	94	23.1	4.89					
Nine Mile	23	8	94	19.7	5.17	6.38	3.97	40	55	
Nine Mile	19	9	94	16.7	5.17	8.69	4.08	38	50	
Nine Mile	25	10	94	12.4	5.10	11.60	4.51	39	55	
Nine Mile	22	11	94	7.9	4.84	9.57		43	50	
Nine Mile	16	12	94	2.7	4.68	9.26	4.46	45	55	
Sackville	20	1	94	0.8	4.60					
Sackville	23	2	94	0.8	4.72					
Sackville	16	3	94	0.9	4.62					
Sackville	22	4	94	7.9	4.85					
Sackville	19	5	94	8.5	4.91					
Sackville	22	6	94	20.9	5.06					
Sackville	25	7	94	23.4	5.15					
Sackville	23	8	94	20.1	5.40	7.61	5.59	38	55	
Sackville	19	9	94	14.9	5.11	6.68	13.22	67		
Sackville	25	10	94	12.2	5.14	13.42	14.59	62	60	
Sackville	22	11	94	5.3	4.64	12.15		50	60	
Sackville	15	12	94	1.5	4.65	11.98	12.81	49	55	

Table 1. Continued.

River	Day	Month	Year	Temp. °C	pH	Acidity ppm	Hardness ppm	Conductance μmho/cm	Colour Pt-Co	Alkalinity ppm
Salmon	20	1	94	0.5	4.22	16.17	5.87	48	55	
Salmon	23	2	94	0.3	4.16	13.48	4.54	45	45	
Salmon	16	3	94	1.4	4.22	9.04	3.09	36	55	
Salmon	26	4	94	8.8	4.33	7.87	3.39	30	55	
Salmon	19	5	94	9.5	4.45	8.46	2.91	30	55	
Salmon	22	6	94	20.2	4.57	10.01	1.96	28	55	
Salmon	25	7	94	23.5	4.69	5.79	3.35	29	50	
Salmon	22	8	94	20.4	4.81	4.49	3.42	29	50	
Salmon	19	9	94	16.1	5.05	6.77	4.10	30	55	
Salmon	25	10	94	12.3	5.40	7.87	4.29	31	50	0.0
Salmon	22	11	94	6.6	4.70	7.76		33	55	
Salmon	15	12	94	1.7	4.50	9.83	5.70	39	55	
West	19	1	94	0.1	4.68	13.50	3.15	26	55	
West	22	2	94	0.3	4.74	13.98	3.48	26	60	
West	25	3	94	1.7	4.73	7.03		20	55	
West	22	4	94	8.3	4.93	8.66	2.29	19	60	
West	20	5	94	9.6	5.08	6.80	1.52	16	60	
West	24	6	94	21.2	5.05	12.06	2.18	17	55	
West	28	7	94	23.6	5.28	7.77	1.72	18	55	
West	25	8	94	20.3	5.57	5.64	4.27	24	55	0.0
West	21	9	94	14.7	5.72	7.06	2.84	21	55	
West	26	10	94	11.3	5.05	12.37	2.98	24	55	
West	24	11	94	2.9	4.75	10.65		26	60	
West	16	12	94	1.0	4.90	7.64	3.95	26	65	

Table 2a. Chemical analyses done at the Environment Canada Water Quality Laboratory in Moncton, N.B., and (June 1983-March 1984) at the Environmental Chemistry Laboratory in Halifax, N.S. The water samples were stored at 4°C for 2-6 weeks.

River	Date	Colour Pt-Co	Cond. μmho/cm	pH	Carbon ppm	Aluminum ppm	Silica ppm	Manganese ppm	Iron ppm
Gold	20-Jan-81	50	34	5.0		0.21	4.6	0.04	0.12
Gold	16-Feb-81	50	32	5.0		0.18	3.3	0.03	0.10
Gold	17-Mar-81	50	27	5.0		0.19	3.7	0.02	0.11
Gold	23-Apr-81	40	25	5.3		0.18	2.0	0.02	0.14
Gold	15-May-81	80	27	5.4		0.21	2.0	0.02	0.17
Ingram	20-Jan-81	40	32	4.9		0.27	3.7	0.03	0.13
Ingram	16-Feb-81	40	33	4.8		0.24	3.0	0.04	0.12
Ingram	17-Mar-81	60	31	4.7		0.26	2.9	0.04	0.13
Ingram	23-Apr-81	10	26	5.0		0.22	2.2	0.03	0.10
Ingram	15-May-81	30	33	5.0		0.23	1.8	0.04	0.12
Ingram	19-Jun-81	35	26	5.0		0.33	2.2	0.04	0.15
Ingram	31-Aug-81	30	26	5.3		0.25	2.0	0.03	0.12
Ingram	24-Sep-81	50	29	5.3		0.27	4.0	0.04	0.18
Ingram	27-Oct-81	40	29	5.1		0.28	3.8	0.04	0.27
Ingram	23-Nov-81	60	36	4.5		0.32	3.3	0.04	0.15
Ingram	08-Dec-81	60	29	4.7		0.34	3.4	0.04	0.18
LaHave	19-Jun-81	55	28	6.0		0.25	1.6	0.03	0.23
LaHave	28-Aug-81	50	32	6.3		0.16	2.9	0.04	0.29
LaHave	25-Sep-81	55	51	6.2		0.15	4.4	0.05	0.40
LaHave	27-Oct-81	80	39	5.9		0.22	4.1	0.04	0.33
LaHave	25-Nov-81	80	28	5.4		0.23	3.6	0.04	0.21
LaHave	11-Dec-81	60	28	5.7		0.25	3.7	0.03	0.19
Middle	19-Jun-81	100	30	5.1		0.44	2.6	0.02	0.29
Middle	31-Aug-81	70	34	5.8		0.27	2.7	0.03	0.25
Middle	25-Sep-81	200	44	5.3		0.50	5.4	0.07	0.52
Middle	27-Oct-81	200	39	5.0		0.39	5.4	0.04	0.44
Middle	23-Nov-81	200	33	4.6		0.38	4.1	0.03	0.24
Middle	11-Dec-81	100	31	4.7		0.35	4.6	0.03	0.25
Nine Mile	19-Jun-81	30	53	4.8		0.33	1.4	0.07	0.17
Nine Mile	31-Aug-81	30	52	5.3		0.24	1.5	0.10	0.17
Nine Mile	24-Sep-81	30	53	5.3		0.38	2.7	0.11	0.33
Nine Mile	28-Oct-81	20	53	4.9		0.25	2.6	0.09	0.28
Nine Mile	23-Nov-81	50	51	4.8		0.32	2.8	0.08	0.22
Nine Mile	08-Dec-81	50	49	4.6		0.33	2.9	0.07	0.23
Salmon	28-Aug-81	45	32	5.0		0.30	1.8	0.09	0.22
Salmon	25-Sep-81	40	34	4.8		0.26	2.5	0.09	0.20
Salmon	29-Oct-81	50	34	4.8		0.27	2.9	0.08	0.26
Salmon	25-Nov-81	80	39	4.6		0.32	3.3	0.09	0.30
Salmon	08-Dec-81	60	38	4.6		0.36	3.3	0.08	0.29
Sackville	20-Jan-81	40	59	4.8		0.18	3.6	0.11	0.23
Sackville	16-Feb-81	30	50	4.8		0.16	2.2	0.09	0.15
Sackville	17-Mar-81	40	68	4.9		0.25	2.7	0.10	0.23
Sackville	22-Apr-81	10	58	5.1		0.21	1.1	0.09	0.18
Sackville	15-May-81	55	64	5.0		0.27	0.8	0.10	0.33
Sackville	28-Aug-81	100	63	5.4		0.28	0.5	0.04	0.48
Sackville	24-Sep-81	60	85	5.0		0.39	2.6	0.27	0.55
Sackville	27-Oct-81	100	65	4.7		0.34	3.2	0.20	0.53

Table 2a. Continued.

River	Date	Colour Pt-Co	Cond. μmho/cm	pH	Carbon ppm	Aluminum ppm	Silica ppm	Manganese ppm	Iron ppm	
Sackville	23-Nov-81	100	38	4.6		0.24	2.3	0.10	0.26	
Sackville	08-Dec-81	80	38	4.7		0.29	2.6	0.08	0.32	
West	28-Aug-81	90	25	5.5		0.26	1.6	0.03	0.25	
West	25-Sep-81	80	30	5.2		0.21	5.1	0.04	0.26	
West	27-Oct-81	100	30	5.0		0.28	4.3	0.03	0.27	
West	25-Nov-81	100	28	4.8		0.25	3.3	0.02	0.21	
West	11-Dec-81	100	26	4.9		0.27	3.5	0.02	0.22	
Gold	29-Jun-82			5.2	5.1	0.23		0.02	0.16	
Gold	29-Jul-82			5.5	6.3	0.15		0.02	0.19	
Gold	30-Aug-82			5.7	7.4	0.16		0.01	0.16	
Gold	29-Sep-82			5.7	9.9	0.22		0.01	0.20	
Gold	27-Oct-82			5.9	10.8	0.21		0.01	0.16	
Gold	19-Nov-82			5.3	13.8	0.33		0.03	0.26	
Gold	29-Dec-82			5.0	11.0	0.30		0.03	0.20	
Ingram	26-Jan-82	50	31	4.6		0.27	4.2	0.04	0.13	
Ingram	17-Feb-82	55	30	4.8		0.25	3.5	0.03	0.12	
Ingram	24-Mar-82	40	30	4.7		0.22	3.0	0.03	0.13	
Ingram	23-Apr-82	30	27	4.8		0.20	2.6	0.03	0.11	
Ingram	29-Jun-82			5.2	6.5	0.20		0.04	0.10	
Ingram	29-Jul-82			4.7	14.0	0.56		0.06	0.42	
Ingram	30-Aug-82			5.2	5.0	0.20		0.03	0.11	
Ingram	29-Sep-82			5.4	5.7	0.23		0.03	0.13	
Ingram	27-Oct-82			5.5	5.9	0.18		0.03	0.13	
Ingram	11-Nov-82			5.5	4.6	0.00		0.04	0.17	
Ingram	19-Nov-82			5.3	6.9	0.24		0.04	0.18	
Ingram	29-Dec-82			5.0	7.6	0.34		0.04	0.18	
LaHave	29-Jan-82	40	33	5.8		0.17	5.0	0.04	0.14	
LaHave	18-Feb-82	30	34	5.7		0.15	4.0	0.03	0.15	
LaHave	24-Mar-82	35	33	5.7		0.12	2.9	0.03	0.11	
LaHave	21-Apr-82	30	31	5.7		0.14	2.6	0.02	0.12	
LaHave	26-May-82			5.8	4.4	0.17		0.03	0.16	
LaHave	29-Jun-82			5.8	7.4	0.16		0.04	0.17	
LaHave	29-Jul-82			5.9	5.1	0.11		0.05	0.23	
LaHave	30-Aug-82			5.7	7.6	0.13		0.04	0.27	
LaHave	30-Sep-82			6.0	5.5	0.12		0.03	0.27	
LaHave	27-Oct-82			6.1	5.9	0.10		0.03	0.19	
LaHave	19-Nov-82			6.0	7.0	0.13		0.03	0.21	
LaHave	21-Dec-82			5.7	8.6	0.23		0.04	0.18	
Middle	27-Jan-82	60	35	4.7		0.24	5.4	0.04	0.15	
Middle	17-Feb-82	45	37	4.9		0.20	4.7	0.04	0.16	
Middle	24-Mar-82	40	35	4.8		0.22	3.9	0.03	0.14	
Middle	23-Apr-82	40	32	4.8		0.23	2.9	0.01	0.15	
Middle	26-May-82			5.3	4.4	0.23		0.03	0.18	
Middle	29-Jun-82			5.2	8.4	0.29		0.02	0.20	
Middle	29-Jul-82			5.5	9.0	0.42		0.11	0.71	
Middle	30-Aug-82			5.3	6.0	0.22		0.02	0.20	
Middle	29-Sep-82			5.5	8.3	0.27		0.03	0.24	
Middle	27-Oct-82			5.8	9.4	0.25		0.03	0.25	
Middle	19-Nov-82			5.1	12.0	0.38		0.04	0.28	

Table 2a. Continued.

River	Date	Colour Pt-Co	Cond. μmho/cm	pH	Carbon ppm	Aluminum ppm	Silica ppm	Manganese ppm	Iron ppm
Middle	29-Dec-82			4.8	11.4	0.35		0.04	0.26
Nine Mile	25-Jan-82	35	70	4.7		0.25	3.2	0.07	0.16
Nine Mile	17-Feb-82	25	61	4.7		0.21	3.0	0.08	0.16
Nine Mile	22-Mar-82	25	54	4.6		0.19	3.0	0.08	0.13
Nine Mile	23-Apr-82	20	53	4.7		0.21	2.4	0.07	0.14
Nine Mile	23-May-82			4.7	3.3	0.23		0.08	0.12
Nine Mile	30-Jun-82			4.9	4.6	0.22		0.08	0.13
Nine Mile	30-Jul-82			4.7	6.1	0.27		0.08	0.20
Nine Mile	31-Aug-82			5.0	4.8	0.24		0.09	0.18
Nine Mile	29-Sep-82			5.0	6.1	0.26		0.09	0.18
Nine Mile	27-Oct-82			5.1	6.4	0.24		0.08	0.16
Nine Mile	18-Nov-82			5.0	7.2	0.28		0.08	0.24
Nine Mile	17-Dec-82			5.3	6.4	0.36		0.08	0.28
Salmon	26-Jan-82	50	38	4.5		0.26	3.6	0.07	0.16
Salmon	17-Feb-82	40	38	4.6		0.23	3.0	0.06	0.15
Salmon	22-Mar-82	40	35	4.6		0.17	2.4	0.05	0.13
Salmon	22-Apr-82	20	34	4.6		0.20	2.3	0.05	0.14
Salmon	27-May-82			4.8	3.0	0.21		0.06	0.12
Salmon	30-Jun-82			4.9	4.4	0.20		0.07	0.13
Salmon	30-Jul-82			4.6	5.6	0.24		0.07	0.16
Salmon	31-Aug-82			4.8	4.7	0.24		0.11	0.15
Salmon	28-Sep-82			4.8	5.4	0.24		0.12	0.16
Salmon	22-Oct-82			5.1	4.8	0.21		0.11	0.16
Salmon	19-Nov-82			4.9	6.2	0.25		0.13	0.20
Salmon	17-Dec-82			4.8	6.4	0.28		0.13	0.26
Sackville	25-Jan-82	35	104	4.6		0.27	3.4	0.16	0.25
Sackville	19-Feb-82	45	63	5.0		0.16	3.8	0.10	0.22
Sackville	23-Mar-82	35	59	5.3		0.15	2.8	0.11	0.16
Sackville	22-Apr-82	45	44	4.9		0.18	1.2	0.06	0.16
Sackville	25-May-82			5.2	5.9	0.24		0.07	0.26
Sackville	30-Jun-82			5.2	9.6	0.31		0.09	0.48
Sackville	19-Aug-82			4.8	16.6	0.54		0.20	0.70
Sackville	30-Sep-82			4.9	14.2	0.49		0.22	0.51
Sackville	26-Oct-82			5.2	11.6	0.34		0.14	0.32
Sackville	18-Nov-82			4.7	14.6	0.61		0.26	0.47
Sackville	22-Dec-82			4.7	10.0	0.32		0.13	0.25
West	29-Jan-82	80	30	4.9		0.19	4.7	0.03	0.14
West	18-Feb-82	70	33	4.8		0.17	3.7	0.02	0.15
West	22-Mar-82	60	31	4.8		0.15	3.2	0.03	0.13
West	21-Apr-82	55	29	4.9		0.15	2.5	0.01	0.12
West	26-May-82			5.1	5.2	0.21		0.03	0.18
West	29-Jun-82			5.1	5.1	0.30		0.03	0.22
West	29-Jul-82			5.2	6.6	0.23		0.03	0.26
West	30-Aug-82			5.2	8.8	0.23		0.03	0.19
West	29-Sep-82			5.3	7.7	0.22		0.03	0.20
West	27-Oct-82			5.5	9.0	0.21		0.03	0.17
West	19-Nov-82			5.1	11.0	0.28		0.03	0.20
West	21-Dec-82			4.9	11.0	0.30		0.03	0.19
Canaan	24-Nov-83			4.8	7.6	0.36		0.03	0.20

Table 2a. Continued.

River	Date	Colour Pt-Co	Cond. μmho/cm	pH	Carbon ppm	Aluminum ppm	Silica ppm	Manganese ppm	Iron ppm
Canaan	13-Dec-83			4.7	9.4	0.37		0.03	0.22
Gold	29-Jan-83			5.2	9.5	0.11		0.01	0.08
Gold	26-Mar-83			5.1	7.0	0.14		0.02	0.12
Gold	19-Apr-83			5.1	9.2	0.17		0.01	0.09
Gold	30-May-83			5.2	8.8	0.19		0.02	0.18
Gold	28-Jun-83			5.5	7.4	0.14		0.02	0.21
Gold	28-Jul-83			5.5	14.2	0.24		0.01	0.14
Gold	26-Aug-83			5.7	9.8	0.16		0.01	0.30
Gold	23-Sep-83			5.1	13.6	0.30		0.04	0.30
Gold	27-Oct-83			5.4	12.4	0.32		0.02	0.25
Gold	23-Nov-83			5.0	12.0	0.32		0.03	0.22
Gold	13-Dec-83			5.0	11.0	0.27		0.03	0.19
Ingram	28-Jan-83			4.9	6.8	0.23		0.03	0.13
Ingram	21-Feb-83			4.9	6.4	0.17		0.03	0.10
Ingram	25-Mar-83			4.8	6.7	0.25		0.03	0.11
Ingram	19-Apr-83			4.9	7.9	0.25		0.03	0.12
Ingram	31-May-83			5.0	6.2	0.19		0.03	0.15
Ingram	28-Jun-83			5.2	5.0	0.16		0.03	0.15
Ingram	27-Jul-83			5.1	7.8	0.21		0.03	0.16
Ingram	26-Aug-83			5.3	5.6	0.16		0.03	0.30
Ingram	23-Sep-83			5.1	6.8	0.26		0.04	0.19
Ingram	23-Nov-83			4.9	8.0	0.32		0.03	0.18
Ingram	13-Dec-83			4.9	8.3	0.29		0.03	0.20
LaHave	28-Jan-83			5.6	7.6	0.20		0.03	0.15
LaHave	22-Feb-83			5.8	7.0	0.17		0.03	0.16
LaHave	26-Mar-83			5.5	6.4	0.20		0.03	0.12
LaHave	19-Apr-83			5.7	7.3	0.19		0.02	0.12
LaHave	30-May-83			5.8	7.6	0.15		0.03	0.19
LaHave	28-Jun-83			5.7	6.0	0.12		0.05	0.12
LaHave	28-Jul-83			5.9	6.9	0.11		0.03	0.23
LaHave	26-Aug-83			5.8	5.6	0.07		0.04	0.23
LaHave	23-Sep-83			5.6	6.8	0.14		0.06	0.31
LaHave	27-Oct-83			6.0	6.4	0.12		0.04	0.29
LaHave	23-Nov-83			5.6	9.4	0.27		0.04	0.25
LaHave	13-Dec-83			5.5	8.6	0.22		0.03	0.18
Middle	28-Jan-83			4.7	9.5	0.32		0.03	0.20
Middle	22-Feb-83			4.9	7.4	0.28		0.04	0.31
Middle	26-Mar-83			4.8	7.5	0.26		0.02	0.11
Middle	19-Apr-83			4.9	9.4	0.18		0.01	0.10
Middle	30-May-83			4.9	8.6	0.25		0.02	0.22
Middle	28-Jun-83			5.3	6.8	0.18		0.02	0.11
Middle	28-Jul-83			5.3	9.5	0.21		0.03	0.14
Middle	26-Aug-83			5.7	7.0	0.18		0.02	0.23
Middle	23-Sep-83			5.1	8.8	0.30		0.03	0.31
Middle	29-Oct-83			5.3	7.9	0.31		0.03	0.26
Middle	23-Nov-83			4.7	12.0	0.42		0.03	0.30
Middle	13-Dec-83			4.7	10.4	0.35		0.03	0.28
Nine Mile	26-Jan-83			4.7	5.6	0.14		0.03	0.10
Nine Mile	21-Feb-83			4.8	5.3	0.17		0.04	0.10

Table 2a. Continued.

River	Date	Colour Pt-Co	Cond. μmho/cm	pH	Carbon ppm	Aluminum ppm	Silica ppm	Manganese ppm	Iron ppm
Nine Mile	24-Mar-83			4.8	5.6	0.23		0.05	0.12
Nine Mile	19-Apr-83			4.8	6.2	0.21		0.05	0.12
Nine Mile	31-May-83			4.9	4.5	0.16		0.06	0.14
Nine Mile	28-Jun-83			5.1	3.6	0.14		0.06	0.19
Nine Mile	29-Jul-83			5.0	5.5	0.16		0.07	0.15
Nine Mile	24-Aug-83			4.9	5.2	0.20		0.07	0.15
Nine Mile	21-Sep-83			5.0	5.2	0.24		0.06	0.16
Nine Mile	26-Oct-83			5.1	4.9	0.23		0.07	0.23
Nine Mile	23-Nov-83			4.8	6.2	0.28		0.06	0.20
Nine Mile	13-Dec-83			4.8	7.5	0.29		0.06	0.20
Salmon	20-Jan-83			4.6	6.4	0.29		0.11	0.22
Salmon	16-Feb-83			4.6	6.5	0.25		0.09	0.18
Salmon	30-Mar-83			4.6	5.6	0.30		0.09	0.16
Salmon	20-Apr-83			4.6	6.6	0.28		0.09	0.16
Salmon	31-May-83			4.7	4.2	0.19		0.10	0.14
Salmon	28-Jun-83			4.7	3.4	0.17		0.11	0.19
Salmon	27-Jul-83			4.7	5.7	0.20		0.12	0.33
Salmon	25-Aug-83			4.7	5.0	0.24		0.12	0.18
Salmon	21-Sep-83			4.9	4.4	0.22		0.11	0.18
Salmon	26-Oct-83			5.0	3.8	0.22		0.12	0.28
Salmon	24-Nov-83			4.7	6.4	0.31		0.15	0.26
Salmon	16-Dec-83			4.6	7.8	0.31		0.10	0.23
Sackville	28-Jan-83			4.8	6.2	0.20		0.10	0.20
Sackville	21-Feb-83			5.0	5.8	0.17		0.09	0.19
Sackville	25-Mar-83			4.8	6.4	0.20		0.10	0.15
Sackville	19-Apr-83			4.8	10.0	0.23		0.07	0.19
Sackville	31-May-83			5.1	9.4	0.21		0.03	0.10
Sackville	29-Jun-83			5.1	8.8	0.20		0.09	0.27
Sackville	27-Jul-83			5.0	13.1	0.37		0.17	0.23
Sackville	24-Aug-83			5.1	11.8	0.30		0.12	0.37
Sackville	21-Sep-83			4.7	17.0	0.49		0.15	0.59
Sackville	26-Oct-83			5.0	11.6	0.39		0.15	0.50
Sackville	24-Nov-83			4.8	8.6	0.34		0.10	0.29
Sackville	14-Dec-83			4.7	7.5	0.24		0.09	0.21
West	28-Jan-83			5.0	8.3	0.18		0.02	0.14
West	22-Feb-83			5.0	8.9	0.14		0.02	0.14
West	26-Mar-83			5.0	8.0	0.17		0.02	0.12
West	30-May-83			5.2	9.0	0.20		0.02	0.20
West	28-Jun-83			5.3	7.5	0.17		0.02	0.10
West	28-Jul-83			5.4	8.6	0.15		0.03	0.11
West	26-Aug-83			5.5	6.6	0.12		0.02	0.18
West	23-Sep-83			5.2	9.1	0.24		0.03	0.26
West	27-Oct-83			5.1	10.2	0.30		0.03	0.26
West	23-Nov-83			4.9	10.5	0.32		0.02	0.23
West	13-Dec-83			5.0	10.3	0.27		0.03	0.20
Canaan	05-Jan-84			4.7	9.5				
Canaan	24-Jan-84			4.6	9.4	0.38		0.03	0.19
Canaan	14-Feb-84			4.5	8.6	0.31		0.02	0.15
Canaan	28-Mar-84			4.6	6.5	0.28		0.03	0.14

Table 2a. Continued.

River	Date	Colour Pt-Co	Cond. μmho/cm	pH	Carbon ppm	Aluminum ppm	Silica ppm	Manganese ppm	Iron ppm
Canaan	30-Apr-84	40	27	4.6	5.0	0.26	3.0	0.02	0.13
Canaan	29-May-84	55	26	4.7	6.9	0.28	2.1	0.02	0.14
Canaan	25-Jun-84	70	25	4.8	6.6	0.23	1.6	0.02	0.15
Canaan	16-Jul-84	50	25	4.8	7.0	0.24	1.4	0.02	0.17
Canaan	30-Aug-84	40	24	4.9	5.4	0.23	1.0	0.02	0.17
Canaan	28-Sep-84	40	25	4.8	5.8	0.23	1.9	0.03	0.17
Canaan	25-Oct-84	40	24	4.9	5.4	0.23	2.1	0.03	0.18
Canaan	22-Nov-84	40	25	4.9	6.1	0.48	2.6	0.03	0.18
Canaan	13-Dec-84	45	29	4.8	6.0	0.26	2.9	0.04	0.18
Gold	23-Jan-84			5.0	9.2	0.26		0.03	0.19
Gold	22-Feb-84			5.0	8.0	0.21		0.02	0.14
Gold	27-Mar-84			5.0	5.4	0.16		0.03	0.09
Gold	27-Apr-84	60	26	5.1	6.9	0.18	1.6	0.02	0.10
Gold	30-May-84	80	24	5.3	8.2	0.18	1.7	0.02	0.19
Gold	28-Jun-84	125	28	5.1	15.0	0.28	3.6	0.03	0.33
Gold	17-Jul-84	70	26	5.7	8.9	0.14	0.8	0.20	
Gold	29-Aug-84	70	33	5.6	12.0	0.20	3.0	0.01	0.19
Gold	26-Sep-84	55	35	5.9	5.4	0.10	3.2	0.01	0.14
Gold	25-Oct-84	50	34	6.2	7.2	0.10	2.9		0.17
Gold	21-Nov-84	65	39	5.8	11.0	0.18	6.0		0.18
Gold	18-Dec-84	80	38	5.1	11.0	0.15	4.7	0.03	0.13
Ingram	24-Jan-84			4.9	7.7	0.31		0.03	0.16
Ingram	27-Mar-84			4.7	6.0	0.26		0.03	0.10
Ingram	30-Apr-84	35	24	4.8	5.4	0.19	2.2	0.02	0.10
Ingram	29-May-84	40	24	4.9	6.0	0.20	1.7	0.04	0.12
Ingram	28-Jun-84	50	25	5.0	7.4	0.25	2.3	0.04	0.18
Ingram	17-Jul-84	35	25	5.3	4.8	0.18	1.8	0.04	0.16
Ingram	30-Aug-84	40	25	5.1	6.1	0.20	1.9	0.03	0.14
Ingram	26-Sep-84	45	26	5.3	5.5	0.34	2.7	0.07	0.25
Ingram	26-Oct-84	35	25	5.4	5.9	0.18	3.5	0.04	0.19
Ingram	22-Nov-84	40	26	5.4	6.4	0.16	3.3	0.03	0.14
Ingram	17-Dec-84	50	31	5.1	7.9	0.23	3.2	0.04	0.17
LaHave	23-Jan-84			5.7	7.2	0.18		0.03	0.19
LaHave	22-Feb-84			5.6	7.1	0.19		0.03	0.14
LaHave	27-Mar-84			5.4	5.1	0.15		0.03	0.09
LaHave	26-Apr-84	30	30	5.5	5.5	0.16	3.0	0.02	0.46
LaHave	28-May-84	55	29	5.7	7.0	0.16	1.9	0.03	0.20
LaHave	27-Jun-84	55	32	6.1	7.9	0.15	2.0	0.05	0.34
LaHave	17-Jul-84	80	27	5.8	9.5	0.18	2.1	0.04	0.26
LaHave	29-Aug-84	50	33	6.1	7.4	0.11	2.1	0.02	0.32
LaHave	26-Sep-84	50	32	6.0	7.7	0.14	2.8	0.03	0.26
LaHave	25-Oct-84	50	33	6.1	7.4	0.13	2.5	0.04	0.28
LaHave	21-Nov-84	40	38	6.2	8.1	0.13	3.4	0.02	0.22
Middle	23-Jan-84			4.9	8.6	0.32		0.03	0.22
Middle	22-Feb-84			4.8	7.4	0.24		0.02	0.16
Middle	27-Mar-84			4.8	5.7	0.22		0.03	0.11
Middle	27-Apr-84	55	30	4.8	6.4	0.19	3.6	0.02	0.12
Middle	30-May-84	80	29	5.1	8.2	0.25	2.7	0.04	0.23
Middle	28-Jun-84	100	33	5.3	11.0	0.27	3.4	0.04	0.37

Table 2a. Continued.

River	Date	Colour Pt-Co	Cond. μmho/cm	pH	Carbon ppm	Aluminum ppm	Silica ppm	Manganese ppm	Iron ppm
Middle	17-Jul-84	80	33	5.8	9.9	0.18	2.9	0.03	0.29
Middle	29-Aug-84	60	35	5.4	8.7	0.20	3.1	0.03	0.28
Middle	26-Sep-84	50	33	5.7	6.0	0.15	2.7	0.02	0.18
Middle	25-Oct-84	70	45	5.9	7.6	0.16	5.4	0.02	0.30
Middle	21-Nov-84	55	36	5.7	8.5	0.21	4.9	0.02	0.20
Middle	18-Dec-84	100	39	4.8	12.0	0.21	5.6	0.04	0.17
Nine Mile	27-Jan-84			4.7	6.5	0.32		0.07	0.17
Nine Mile	16-Feb-84			4.9	6.0	0.34		0.06	0.21
Nine Mile	28-Mar-84			4.7	4.8	0.22		0.06	0.12
Nine Mile	28-Apr-84	20	47	4.7	4.5	0.18	1.8	0.05	0.11
Nine Mile	29-May-84	35	44	4.8	5.1	0.20	0.9	0.06	0.13
Nine Mile	28-Jun-84	35	42	5.1	5.0	0.17	1.0	0.06	0.17
Nine Mile	19-Jul-84	25	49	5.9	4.1	0.14	0.5	0.07	0.20
Nine Mile	28-Aug-84	50	46	5.7	5.8	0.16	1.1	0.07	0.25
Nine Mile	25-Sep-84	40	58	6.0	4.8	0.14	1.8	0.07	0.24
Nine Mile	24-Oct-84	35	62	6.1	4.6	0.14	1.8	0.09	0.21
Nine Mile	17-Dec-84	35	51	4.9	5.2	0.20	2.3	0.06	0.21
Salmon	25-Jan-84			4.5	6.6	0.52		0.13	0.22
Salmon	16-Feb-84			4.5	6.2	0.39		0.09	0.15
Salmon	28-Mar-84			4.5	4.6	0.30		0.08	0.14
Salmon	30-Apr-84	20	47	4.5	3.9	0.32	2.2	0.09	0.13
Salmon	29-May-84	20	48	4.5	3.8	0.35	0.6	0.10	0.13
Salmon	29-Jun-84	15	43	4.6	3.6	0.24	0.9	0.09	0.13
Salmon	19-Jul-84	20	43	4.6	4.1	0.22	0.9	0.11	0.16
Salmon	28-Aug-84	30	41	4.7	5.3	0.24	1.7	0.10	0.21
Salmon	25-Sep-84	10	46	4.7	3.3	0.20	1.5	0.12	0.12
Salmon	24-Oct-84	5	44	4.8	2.8	0.18	1.5	0.13	0.13
Salmon	23-Nov-84	10	45	4.8	2.7	0.21	1.7	0.14	0.08
Salmon	17-Dec-84	15	55	4.6	2.9	0.31	2.2	0.17	0.14
Sackville	21-Feb-84			4.9	6.4	0.18		0.08	0.16
Sackville	29-Mar-84			4.9	5.2	0.19		0.08	0.13
Sackville	27-Apr-84	60	39	5.0	6.9	0.21	1.8	0.06	0.18
Sackville	29-May-84	90	41	5.1	8.5	0.23	0.2	0.08	0.34
Sackville	28-Jun-84	110	45	4.9	15.0	0.32	2.3	0.13	0.49
Sackville	18-Jul-84	100	49	5.2	13.0	0.22	0.8	0.07	0.55
Sackville	28-Aug-84	110	66	4.9	16.0	0.43	4.2	0.21	0.66
Sackville	25-Sep-84	100	59	5.0	16.0	0.41	3.8	0.11	0.40
Sackville	26-Oct-84	80	59	5.2	12.0	0.26	1.8	0.06	0.30
Sackville	23-Nov-84	80	71	5.1	13.0	0.37	5.1	0.16	0.30
Sackville	17-Dec-84	90	60	4.7	13.0	0.30	4.1	0.13	0.33
West	23-Jan-84			5.0	9.2	0.29		0.02	0.21
West	22-Feb-84			4.9	9.0	0.20		0.02	0.17
West	27-Mar-84			4.9	6.8	0.17		0.02	0.11
West	26-Apr-84	55	25	4.9	7.0	0.16	2.3	0.02	0.12
West	28-May-84	90	24	5.1	9.5	0.23	1.0	0.02	0.21
West	27-Jun-84	100	23	5.3	10.0	0.23	3.2	0.03	0.27
West	17-Jul-84	100	25	5.2	10.0	0.13	1.5	0.03	0.29
West	29-Aug-84	80	28	5.2	11.0	0.23	3.2	0.03	0.31
West	26-Sep-84	80	28	5.2	10.0	0.24	3.2	0.02	0.26

Table 2a. Continued.

River	Date	Colour Pt-Co	Cond. μmho/cm	pH	Carbon ppm	Aluminum ppm	Silica ppm	Manganese ppm	Iron ppm
West	25-Oct-84	70	30	5.6	9.2	0.19	3.8	0.03	0.28
West	21-Nov-84	70	30	5.3	12.0	0.22	5.2	0.02	0.22
West	18-Dec-84	100	33	4.9	11.0	0.17	4.8	0.03	0.15
Canaan	14-Jan-85	60	31	4.7	8.4	0.30	3.8	0.03	0.17
Canaan	14-Feb-85	45	33	4.6	8.7	0.29	4.3	0.03	0.20
Canaan	22-Mar-85	50	35	4.6	8.4	0.35	4.4	0.02	0.17
Canaan	24-Apr-85	40	33	4.6	7.5	0.27	4.1	0.03	0.20
Canaan	16-May-85	30	29	4.7	6.4	0.31	3.3	0.03	0.19
Canaan	19-Jun-85	50	28	4.7	8.1	0.28	2.7	0.02	0.18
Canaan	24-Jul-85	60	26	4.7	8.9	0.35	1.9	0.02	0.22
Canaan	14-Aug-85	50	27	4.7	7.9	0.37	1.5	0.02	0.26
Canaan	25-Sep-85	55	26	4.8	8.6	0.38	1.7	0.02	0.22
Canaan	17-Oct-85	50	26	4.8	8.4	0.35	2.1	0.03	0.20
Canaan	20-Nov-85	60	27	4.7	8.5	0.34	2.7	0.03	0.24
Gold	17-Jan-85	70	38	5.4	9.9	0.23	6.2	0.03	0.18
Gold	15-Feb-85	80	45	4.9		0.26	4.9	0.05	0.24
Gold	19-Mar-85	45	34	4.9	8.4	0.14	4.1	0.03	0.09
Gold	17-Apr-85	45	31	5.0	7.9	0.20	3.2	0.02	0.11
Gold	22-May-85	65	29	5.2	8.4	0.20	1.2	0.03	0.19
Gold	24-Jun-85	90	27	5.0	11.0	0.21	2.6	0.03	0.29
Gold	18-Jul-85	160	27	4.7	18.0	0.37	3.9	0.03	0.42
Gold	16-Aug-85	80	26	5.5	11.0	0.21	1.3	0.01	0.26
Gold	24-Sep-85	80	28	5.7	11.0	0.21	1.2		0.19
Gold	18-Oct-85	90	33	5.5	14.0	0.27	4.7	0.02	0.29
Gold	14-Nov-85	90	35	4.9	14.0	0.32	4.6	0.03	0.29
Gold	12-Dec-85	90	33	5.1	13.0	0.28	5.3	0.02	0.24
Ingram	17-Jan-85	50	37	4.6	7.9	0.29	4.2	0.04	0.12
Ingram	15-Feb-85	50	59	4.6	8.6	0.28	4.4	0.04	0.18
Ingram	18-Mar-85	35	29	4.8	7.2	0.28	3.5	0.03	0.13
Ingram	18-Apr-85	30	26	4.9	6.9	0.27	2.8	0.03	0.14
Ingram	23-May-85	25	24	5.0	6.0	0.25	0.9	0.03	0.12
Ingram	21-Jun-85	50	26	4.8	8.5	0.24	2.3	0.03	0.16
Ingram	17-Jul-85	80	26	4.7	11.0	0.38	2.7	0.04	0.28
Ingram	13-Aug-85	35	23	5.0	6.8	0.22	1.8	0.05	0.18
Ingram	23-Sep-85	30	23	5.2	6.8	0.24	1.9	0.03	0.15
Ingram	18-Oct-85	60	28	5.0	11.0	0.38	3.8	0.04	0.21
Ingram	14-Nov-85	40	25	5.1	7.3	0.28	3.0	0.04	0.21
Ingram	18-Dec-85	50	27	5.0	9.2	0.29	3.4	0.03	0.18
LaHave	17-Jan-85	50	42	5.8	8.2	0.16	4.9	0.03	0.15
LaHave	28-Jan-85			5.7	7.2	0.23		0.04	0.21
LaHave	15-Feb-85	25	54	6.1	6.8	0.14	3.7	0.08	0.22
LaHave	25-Feb-85			5.6	7.6	0.23		0.07	0.19
LaHave	19-Mar-85	25	36	5.5	6.5	0.11	4.0	0.01	0.06
LaHave	26-Mar-85			5.3	5.9	0.19		0.03	0.13
LaHave	18-Apr-85	30	33	5.6	6.3	0.17	2.9	0.03	0.13
LaHave	25-Apr-85			5.2	7.1	0.16		0.03	0.11
LaHave	22-May-85	30	34	5.7	6.4	0.16	1.2	0.03	0.20
LaHave	30-May-85			5.6	8.0	0.18		0.04	0.27
LaHave	24-Jun-85	60	30	5.7	8.1	0.16	2.8	0.04	0.27

Table 2a. Continued.

River	Date	Colour Pt-Co	Cond. μmho/cm	pH	Carbon ppm	Aluminum ppm	Silica ppm	Manganese ppm	Iron ppm
LaHave	18-Jul-85	80	35	6.0	9.5	0.19	3.2	0.05	0.49
LaHave	29-Jul-85			5.6	9.2	0.18		0.04	0.31
LaHave	13-Aug-85	40	32	6.0	7.7	0.14	2.2	0.04	0.28
LaHave	21-Aug-85			5.8	8.0	0.14		0.04	0.26
LaHave	27-Aug-85			5.8	7.6	0.13		0.03	0.24
LaHave	24-Sep-85	50	31	6.0	8.8	0.16	2.8	0.04	0.26
LaHave	26-Sep-85			5.7	7.8	0.17		0.04	0.28
LaHave	18-Oct-85	40	34	6.1	7.7	0.15	2.7	0.03	0.34
LaHave	28-Oct-85			5.8	8.1	0.16		0.07	0.40
LaHave	15-Nov-85	55	46	6.0	9.5	0.20	4.3	0.05	0.32
LaHave	28-Nov-85			5.3	9.0	0.20		0.03	0.23
LaHave	12-Dec-85	50	39	5.1	9.6	0.20	4.4	0.02	0.21
LaHave	27-Dec-85			5.5	7.2	0.17		0.06	0.22
Middle	17-Jan-85	80	40	5.1	10.0	0.30	6.7	0.04	0.22
Middle	15-Feb-85	80	56	4.9	10.0	0.31	5.5	0.08	0.28
Middle	18-Mar-85	50	69	3.9	8.6	0.26	4.4	0.03	0.15
Middle	28-Mar-85	45	37	4.9	8.1	0.27	4.8	0.03	0.16
Middle	17-Apr-85	55	38	4.9	7.4	0.25	3.8	0.03	0.15
Middle	22-May-85	60	34	5.0	7.8	0.26	2.4	0.03	0.26
Middle	24-Jun-85	100	32	4.8	12.0	0.28	3.9	0.02	0.31
Middle	18-Jul-85	120	31	4.9	14.0	0.39	3.8	0.03	0.49
Middle	16-Aug-85	80	34	5.4	10.0	0.26	3.6	0.03	0.39
Middle	24-Sep-85	80	33	5.5	11.0	0.29	2.9	0.03	0.27
Middle	18-Oct-85	100	37	5.4	10.0	0.33	4.8	0.05	0.34
Middle	14-Nov-85	90	36	4.7	13.0	0.38	5.0	0.04	0.33
Middle	12-Dec-85	90	36	4.8	13.0	0.34	5.9	0.03	0.27
Nine Mile	18-Jan-85	35	55	4.9	6.0	0.24	2.8	0.07	0.15
Nine Mile	15-Feb-85	20	79	4.7	6.2	0.28	3.4	0.08	0.18
Nine Mile	18-Mar-85	20	67	4.6	5.9	0.28	3.1	0.08	0.16
Nine Mile	17-Apr-85	15	61	4.8	5.8	0.27	2.7	0.07	0.16
Nine Mile	23-May-85	10	56	4.9	5.3	0.24	1.6	0.07	0.15
Nine Mile	24-Jun-85	35	58	4.7	7.1	0.24	1.8	0.08	0.20
Nine Mile	17-Jul-85	75	52	5.0	7.1	0.45	2.6	0.08	0.47
Nine Mile	12-Aug-85	40	48	4.9	7.4	0.27	1.8	0.10	0.26
Nine Mile	23-Sep-85	35	47	5.0	6.7	0.24	1.8	0.09	0.26
Nine Mile	21-Oct-85	30	45	5.1	6.6	0.23	2.4	0.08	0.22
Nine Mile	14-Nov-85	40	50	4.9	7.5	0.28	2.6	0.08	0.30
Nine Mile	11-Dec-85	30	52	4.9	7.6	0.29	2.5	0.08	0.25
Salmon	18-Jan-85	30	61	4.6	5.4	0.36	3.0	0.17	0.15
Salmon	18-Feb-85	20	60	4.5	4.6	0.26	3.4	0.16	0.14
Salmon	18-Mar-85	25	66	4.4	5.3	0.53	3.5	0.16	0.31
Salmon	17-Apr-85	20	58	4.4	5.1	0.51	2.7	0.13	0.25
Salmon	23-May-85	5	54	4.5	4.2	0.43	1.8	0.12	0.18
Salmon	24-Jun-85	25	57	4.4	5.1	0.43	2.1	0.15	0.20
Salmon	17-Jul-85	40	47	4.6	6.1	0.39	2.0	0.15	0.32
Salmon	13-Aug-85	35	40	4.6	5.9	0.35	2.0	0.13	0.30
Salmon	23-Sep-85	10	44	4.6	4.7	0.36	2.0	0.15	0.21
Salmon	21-Oct-85	20	44	4.8	5.4	0.30	2.1	0.14	0.21
Salmon	14-Nov-85	25	48	4.6	5.5	0.34	2.5	0.16	0.25

Table 2a. Continued.

River	Date	Colour Pt-Co	Cond. μmho/cm	pH	Carbon ppm	Aluminum ppm	Silica ppm	Manganese ppm	Iron ppm
Salmon	11-Dec-85	35	59	4.6	6.3	0.44	3.1	0.20	0.23
Sackville	18-Jan-85	60	65	5.4	8.9	0.24	5.2	0.13	0.29
Sackville	18-Feb-85	50	75	5.0	8.6	0.17	4.1	0.17	0.18
Sackville	18-Mar-85	40	52	4.7	6.9	0.21	2.8	0.11	0.19
Sackville	17-Apr-85	25	57	4.7	6.3	0.22	2.2	0.09	0.17
Sackville	23-May-85	70	51	5.0	9.0	0.21	0.0	0.10	0.33
Sackville	19-Jun-85	100	40	4.5	14.0	0.30	2.2	0.11	0.48
Sackville	17-Jul-85	110	49	5.0	11.0	0.34	1.2	0.20	1.20
Sackville	12-Aug-85	90	52	4.9	12.0	0.36	2.1	0.20	0.61
Sackville	23-Sep-85	80	58	4.8	12.0	0.48	2.5	0.25	0.69
Sackville	21-Oct-85	110	62	4.6	21.0	0.63	4.1	0.23	0.64
Sackville	14-Nov-85	90	60	4.5	13.0	0.50	3.7	0.16	0.48
Sackville	11-Dec-85	60	60	4.7	10.0	0.37	4.1	0.15	0.32
West	17-Jan-85	80	33	5.1	9.4	0.22	5.1	0.03	0.19
West	15-Feb-85	65	34	4.9	8.9	0.23	4.9	0.03	0.20
West	19-Mar-85	50	36	4.6	8.4	0.13	3.6	0.02	0.12
West	18-Apr-85	50	29	4.9	7.9	0.19	3.0	0.02	0.13
West	22-May-85	65	26	5.0	8.4	0.22	1.1	0.02	0.23
West	24-Jun-85	90	25	5.0	10.0	0.22	2.3	0.02	0.32
West	18-Jul-85	90	24	5.1	12.0	0.30	3.6	0.03	0.42
West	13-Aug-85	80	25	5.3	10.0	0.22	1.7	0.04	0.37
West	24-Sep-85	70	26	5.3	9.2	0.23	1.3	0.03	0.25
West	18-Oct-85	80	29	5.2	11.0	0.25	5.7	0.03	0.27
West	15-Nov-85	90	31	4.8	13.0	0.32	3.9	0.03	0.26
West	12-Dec-85	80	31	5.1	12.0	0.24	4.1	0.02	0.25
Canaan	09-Jan-86	70	35	4.6	8.5	0.35	4.4	0.03	0.24
Canaan	05-Mar-86	50	38	4.4	7.1	0.28	3.5	0.02	0.16
Canaan	25-Apr-86	50	33	4.5	7.0	0.39	3.1	0.02	0.19
Canaan	26-May-86	50	24	4.8	6.5	0.30	2.2	0.02	0.20
Canaan	26-Jun-86	45	24	4.8	6.8	0.29	1.2	0.01	0.21
Canaan	20-Aug-86	70	24	4.8	7.0	0.21	1.7	0.02	0.24
Canaan	17-Oct-86	65	24	4.8	7.9	0.31	2.6	0.03	0.23
Gold	21-Jan-86	60	40	4.9	7.0	0.21	3.4	0.04	0.21
Gold	28-Feb-86	60	30	5.3	6.2	0.19	5.0	0.03	0.18
Gold	25-Mar-86	60	30	5.0	6.8	0.21	3.6	0.27	0.59
Gold	23-Apr-86	60	27	5.2	6.3	0.15	2.4	0.02	0.11
Gold	22-May-86	70	27	5.5	7.3	0.12	0.9	0.01	0.19
Gold	25-Jun-86	70	29	5.5	8.2	0.23	1.1	0.02	0.26
Gold	30-Jul-86	140	29	4.8	16.0	0.33	2.9	0.04	0.38
Gold	27-Aug-86	120	28	5.2	14.0	0.29	4.0	0.01	0.46
Gold	18-Sep-86	120	29	5.3	14.0	0.29	4.2	0.02	0.37
Gold	21-Oct-86	110	28	5.3	14.0	0.28	4.8	0.02	0.30
Gold	13-Nov-86	110	29	5.3	13.0	0.27	5.2	0.01	0.29
Gold	22-Dec-86	80	27	5.2	7.5	0.22	5.3	0.01	0.23
Ingram	21-Jan-86	40	29	4.8	7.3	0.28	3.2	0.04	0.16
Ingram	28-Feb-86	40	27	4.9	6.1	0.24	3.2	0.04	0.15
Ingram	26-Mar-86	50	34	4.8	6.7	0.26	3.2	0.03	0.15
Ingram	25-Apr-86	40	31	4.9	5.6	0.20	1.9	0.03	0.14
Ingram	22-May-86	30	22	5.1	5.1	0.20	0.6	0.03	0.12

Table 2a. Continued.

River	Date	Colour	Cond.	pH	Carbon	Aluminum	Silica	Manganese	Iron
			Pt-Co						
Ingram	25-Jun-86	35	22	5.1	5.3	0.21	0.8	0.03	0.13
Ingram	28-Jul-86	60	24	5.0	9.1	0.36	1.8	0.07	0.34
Ingram	27-Aug-86	60	23	5.0	7.5	0.28	2.4	0.04	0.21
Ingram	17-Sep-86	70	26	5.0	9.0	0.35	3.5	0.04	0.23
Ingram	22-Oct-86	50	23	5.2	7.3	0.21	3.2	0.03	0.19
Ingram	13-Nov-86	55	24	5.2	8.2	0.26	3.5	0.03	0.18
Ingram	18-Dec-86	50	30	4.9	6.4	0.29	3.8	0.02	0.20
LaHave	21-Jan-86	10	25	5.6	2.5	0.19	1.8	0.08	0.24
LaHave	28-Feb-86	40	40	5.9	5.2	0.14	4.5	0.04	0.17
LaHave	25-Mar-86	30	33	5.6	5.6	0.13	3.6	0.05	0.14
LaHave	24-Apr-86	40	32	5.8	5.3	0.12	2.5	0.03	0.14
LaHave	21-May-86	40	33	6.0	5.1	0.14	1.7	0.04	0.20
LaHave	26-Jun-86	60	30	5.8	6.5	0.15	1.5	0.04	0.23
LaHave	29-Jul-86	60	30	5.5	8.9	0.23	2.2	0.09	0.41
LaHave	25-Aug-86	90	33	5.9	15.0	0.20	4.0	0.05	0.54
LaHave	18-Sep-86	80	32	5.8	9.0	0.16	3.2	0.04	0.39
LaHave	21-Oct-86	80	32	6.0	9.6	0.19	4.0	0.02	0.31
LaHave	13-Nov-86	70	34	6.1	8.9	0.18	4.3	0.03	0.29
LaHave	22-Dec-86	50	34	6.1	5.7	0.17	4.5	0.02	0.23
Middle	21-Jan-86	55	39	5.0	6.7	0.49	3.5	0.10	0.58
Middle	28-Feb-86	50	37	5.0	5.6	0.22	5.3	0.04	0.21
Middle	25-Mar-86	50	35	4.7	7.1	0.28	4.0	0.03	0.19
Middle	23-Apr-86	50	33	5.1	6.0	0.17	3.2	0.03	0.16
Middle	22-May-86	60	32	5.3	5.9	0.21	1.6	0.03	0.22
Middle	25-Jun-86	90	32	5.2	8.7	0.31	3.2	0.03	0.32
Middle	30-Jul-86	110	29	4.8	15.0	0.39	3.1	0.03	0.42
Middle	27-Aug-86	120	30	5.0	11.0	0.35	4.4	0.03	0.49
Middle	18-Sep-86	100	36	5.2	12.0	0.35	5.3	0.04	0.37
Middle	21-Oct-86	110	31	5.0	14.0	0.40	5.9	0.03	0.37
Middle	13-Nov-86	110	33	5.1	12.0	0.31	5.9	0.03	0.32
Middle	22-Dec-86	80	34	5.0	7.2	0.28	5.6	0.02	0.28
Nine Mile	13-Jan-86	25	73	4.9	5.3	0.24	2.7	0.08	0.21
Nine Mile	28-Feb-86	30	57	4.9	4.7	0.19	1.9	0.08	0.20
Nine Mile	27-Mar-86	30	69	4.8	5.1	0.23	2.9	0.07	0.20
Nine Mile	23-Apr-86	25	55	4.6	4.9	0.19	2.2	0.06	0.15
Nine Mile	23-May-86	20	57	5.2	4.1	0.22	1.2	0.07	0.18
Nine Mile	27-Jun-86	20	54	5.0	4.3	0.19	1.5	0.07	0.16
Nine Mile	28-Jul-86	10	66	5.2	4.5	0.21	1.5	0.09	0.27
Nine Mile	28-Aug-86	45	51	4.9	6.0	0.23	2.1	0.08	0.28
Nine Mile	17-Sep-86	40	51	5.1	6.4	0.24	2.3	0.08	0.24
Nine Mile	22-Oct-86	40	52	5.1	5.8	0.20	2.8	0.07	0.29
Nine Mile	13-Nov-86	50	49	5.1	6.7	0.22	3.0	0.06	0.35
Nine Mile	19-Dec-86	30	51	4.8	5.3	0.24	2.8	0.04	0.25
Salmon	12-Jan-86	45	64	4.5	5.9	0.51	3.5	0.20	0.26
Salmon	27-Mar-86	40	55	4.5	5.2	0.44	3.0	0.12	0.20
Salmon	25-Apr-86	25	45	4.5	4.2	0.32	2.2	0.10	0.17
Salmon	23-May-86	20	43	4.6	3.4	0.35	0.7	0.10	0.14
Salmon	30-Jun-86	10	48	4.5	3.9	0.33	1.1	0.11	0.14
Salmon	28-Jul-86	10	47	4.6	3.0	0.29	0.9	0.14	0.14

Table 2a. Continued.

River	Date	Colour Pt-Co	Cond. μmho/cm	pH	Carbon ppm	Aluminum ppm	Silica ppm	Manganese ppm	Iron ppm
Salmon	27-Aug-86	20	49	4.6	4.0	0.31	1.7	0.14	0.18
Salmon	17-Sep-86	15	49	4.7	4.1	0.29	1.7	0.15	0.17
Salmon	22-Oct-86	30	52	4.7	4.7	0.36	2.2	0.15	0.21
Salmon	14-Nov-86	40	49	4.8	6.4	0.30	2.7	0.14	0.21
Salmon	19-Dec-86	50	50	4.6	5.5	0.37	3.3	0.13	0.29
Sackville	13-Jan-86	50	61	4.8	5.9	0.31	3.9	0.16	0.29
Sackville	28-Feb-86	40	64	5.2	4.7	0.26	4.8	0.19	0.32
Sackville	27-Mar-86	50	61	4.6	4.4	0.44	2.6	0.19	0.43
Sackville	25-Apr-86	50	56	4.8	6.2	0.39	2.0	0.17	0.43
Sackville	23-May-86	70	55	5.1	7.6	0.28	0.2	0.13	0.40
Sackville	27-Jun-86	80	50	4.9	8.8	0.31	0.3	0.14	0.45
Sackville	28-Jul-86	70	53	4.9	9.1	0.35	1.3	0.26	0.64
Sackville	25-Aug-86	120	65	4.6	12.0	0.71	3.2	0.40	0.84
Sackville	22-Oct-86	90	59	4.6	11.0	0.49	3.6	0.26	0.49
Sackville	14-Nov-86	100	57	4.8	12.0	0.49	4.1	0.21	0.48
Sackville	19-Dec-86	35	57	5.0	5.4	0.28	3.9	0.16	0.36
West	21-Jan-86	50	31	4.9	7.3	0.19	3.5	0.04	0.18
West	28-Feb-86	70	30	4.9	7.3	0.19	4.1	0.03	0.22
West	25-Mar-86	60	26	4.8	7.3	0.17	3.2	0.02	0.13
West	25-Apr-86	70	26	5.1	6.4	0.17	2.5	0.02	0.16
West	21-May-86	70	24	5.3	6.9	0.21	1.0	0.02	0.23
West	26-Jun-86	90	24	5.4	9.0	0.24	2.1	0.03	0.29
West	29-Jul-86	110	25	4.7	16.0	0.33	2.8	0.02	0.30
West	25-Aug-86	120	23	5.2	12.0	0.33	4.1	0.04	0.52
West	18-Sep-86	100	24	5.1	11.0	0.24	4.1	0.03	0.34
West	21-Oct-86	110	25	5.1	13.0	0.29	4.6	0.03	0.34
West	14-Nov-86	110	25	5.1	12.0	0.25	5.0	0.02	0.31
West	22-Dec-86	90	25	5.4	8.0	0.23	4.5	0.02	0.28
Canaan	20-Feb-87	70	31	4.6	7.6	0.29	4.7	0.02	0.22
Canaan	25-Mar-87	70	30	4.7	6.3	0.35	4.5	0.02	0.23
Canaan	01-Apr-87	65	31	4.7	6.4	0.34	4.3	0.02	0.22
Canaan	07-Apr-87	60	27	4.7	6.3	0.29	3.6	0.02	0.18
Canaan	14-Apr-87	60	26	4.7	6.0	0.37	3.4	0.02	0.18
Canaan	21-Apr-87	60	24	4.8	6.0	0.33	3.7	0.02	0.22
Canaan	25-May-87	60	23	4.9	6.7	0.32	3.5	0.02	0.18
Canaan	25-Jun-87	50	22	4.9	6.0	0.30	1.8	0.02	0.21
Canaan	21-Jul-87	40	22	5.0	5.6	0.24	1.4	0.02	0.19
Canaan	26-Aug-87	20	22	5.0	4.9	0.29	1.2	0.02	0.14
Canaan	24-Sep-87	25	22	5.0	4.5	0.28	1.7	0.02	0.16
Canaan	27-Oct-87	40	24	4.9	7.0	0.34	2.6	0.03	0.20
Canaan	30-Nov-87	60	28	4.7	8.3	0.38	3.6	0.02	0.22
Gold	27-Feb-87	80	29	5.6	5.6	0.19	5.9	0.01	0.25
Gold	31-Mar-87	60	35	5.1	5.7	0.20	4.1	0.03	0.20
Gold	23-Apr-87	70	23	5.3	6.2	0.18	2.8	0.02	0.15
Gold	28-May-87	90	25	5.7	8.7	0.19	1.7	0.02	0.18
Gold	29-Jun-87	110	26	5.2	14.0	0.33	3.3	0.03	0.32
Gold	15-Jul-87	100	26	5.5	8.7	0.17	1.5	0.01	0.33
Gold	20-Aug-87	40	29	5.9	7.3	0.13	0.6		0.24
Gold	30-Sep-87	70	37	5.4	9.7	0.25	3.2	0.02	0.27

Table 2a. Continued.

River	Date	Colour Pt-Co	Cond. μmho/cm	pH	Carbon ppm	Aluminum ppm	Silica ppm	Manganese ppm	Iron ppm
Gold	06-Oct-87	110	39	5.1	14.0	0.30	4.3	0.06	0.28
Gold	21-Oct-87	80	33	5.4	9.5	0.28	4.0	0.02	0.23
Gold	27-Nov-87	90	30	5.1	9.7	0.24	4.4	0.02	0.21
Ingram	27-Feb-87	50	26	5.1	6.0	0.21	4.0	0.03	0.18
Ingram	31-Mar-87	60	24	5.0	5.7	0.27	3.4	0.02	0.18
Ingram	06-Apr-87	50	23	5.0	5.4	0.23	3.0	0.03	0.15
Ingram	14-Apr-87	50	22	4.9	5.2	0.25	2.9	0.03	0.15
Ingram	24-Apr-87	50	22	5.0	5.6	0.20	2.6	0.03	0.16
Ingram	28-May-87	30	21	5.2	5.3	0.24	1.4	0.03	0.16
Ingram	24-Jun-87	40	22	5.3	5.1	0.20	1.4	0.03	0.15
Ingram	15-Jul-87	35	22	5.4	4.9	0.17	1.1	0.02	0.18
Ingram	19-Aug-87	15	24	5.4	4.8	0.16	0.9		0.11
Ingram	23-Sep-87	60	29	5.2	10.0	0.41	2.8	0.03	0.24
Ingram	06-Oct-87	55	26	5.1	7.1	0.30	2.8	0.03	0.22
Ingram	21-Oct-87	35	24	5.3	6.4	0.25	0.3	0.03	0.18
Ingram	24-Nov-87	60	26	5.0	8.2	0.36	3.7	0.03	0.20
LaHave	26-Feb-87	60	35	6.2	5.5	0.15	5.1	0.03	0.27
LaHave	31-Mar-87	35	38	6.0	3.9	0.15	2.9	0.08	0.19
LaHave	23-Apr-87	40	28	5.9	4.8	0.12	2.9	0.03	0.15
LaHave	28-May-87	50	29	6.0	7.1	0.14	1.4	0.03	0.20
LaHave	29-Jun-87	70	31	6.2	7.5	0.15	2.0	0.05	0.35
LaHave	17-Jul-87	40	29	6.2	6.0	0.10	1.2	0.05	0.22
LaHave	20-Aug-87	15	30	6.0	5.5	0.08	0.8	0.05	0.27
LaHave	30-Sep-87	30	43	5.9	6.2	0.16	3.1	0.07	0.29
LaHave	07-Oct-87	90	37	5.3	12.0	0.29	4.4	0.06	0.27
LaHave	21-Oct-87	50	38	5.8	8.8	0.21	3.7	0.07	0.27
LaHave	27-Nov-87	50	33	5.7	7.4	0.19	3.8	0.04	0.20
Middle	27-Feb-87	70	36	5.3	5.5	0.20	6.5	0.03	0.28
Middle	31-Mar-87	60	33	4.8	5.9	0.29	4.4	0.02	0.20
Middle	23-Apr-87	65	30	5.1	5.7	0.23	3.3	0.02	0.18
Middle	28-May-87	80	30	5.5	7.4	0.24	1.9	0.03	0.29
Middle	29-Jun-87	90	30	5.3	9.6	0.29	2.6	0.03	0.31
Middle	15-Jul-87	100	30	5.5	7.9	0.24	2.3	0.02	0.39
Middle	20-Aug-87	40	42	5.9	5.8	0.16	2.1	0.01	0.35
Middle	30-Sep-87	80	32	5.1	9.4	0.32	3.2	0.03	0.31
Middle	21-Oct-87	100	34	5.1	12.0	0.38	4.5	0.04	0.33
Middle	27-Nov-87	100	34	4.8	11.0	0.38	5.0	0.02	0.27
Nine Mile	27-Feb-87	30	55	5.0	4.4	0.19	2.8	0.06	0.19
Nine Mile	30-Mar-87	30	66	5.1	4.3	0.25	2.1	0.08	0.22
Nine Mile	27-Apr-87	35	49	5.1	4.2	0.24	2.3	0.08	0.22
Nine Mile	29-May-87	30	49	5.1	4.4	0.23	1.6	0.08	0.17
Nine Mile	24-Jun-87	25	50	5.1	4.0	0.20	1.5	0.06	0.16
Nine Mile	14-Jul-87	30	47	5.1	3.8	0.17	1.2	0.06	0.17
Nine Mile	19-Aug-87	5	57	6.0	3.3	0.13	0.8	0.08	0.12
Nine Mile	23-Sep-87	30	46	5.1	5.2	0.23	2.1	0.06	0.17
Nine Mile	20-Oct-87	20	52	5.1	5.7	0.22	2.1	0.07	0.16
Nine Mile	24-Nov-87	50	54	4.9	6.1	0.31	3.0	0.06	0.28
Salmon	30-Mar-87	40	46	4.7	5.2	0.30	2.3	0.10	0.21
Salmon	23-Apr-87	35	41	4.7	3.9	0.24	2.0	0.10	0.19

Table 2a. Continued.

River	Date	Colour Pt-Co	Cond. μmho/cm	pH	Carbon ppm	Aluminum ppm	Silica ppm	Manganese ppm	Iron ppm
Salmon	29-May-87	25	41	4.8	4.2	0.29	0.6	0.11	0.11
Salmon	24-Jun-87	20	43	4.7	4.0	0.22	1.3	0.09	0.15
Salmon	15-Jul-87	20	43	4.7	3.4	0.24	1.0	0.12	0.16
Salmon	21-Aug-87	5	42	4.9	2.9	0.18	0.5	0.12	0.13
Salmon	23-Sep-87	10	42	4.8	4.5	0.26	1.6	0.12	0.19
Salmon	22-Oct-87	20	49	4.9	4.4	0.26	1.5	0.15	0.17
Salmon	24-Nov-87	55	52	4.6	7.2	0.36	3.1	0.13	0.28
Salmon	29-Dec-87	70	43	4.7	7.6	0.31	3.3	0.10	0.29
Sackville	27-Feb-87	60	65	5.7	5.6	0.23	6.1	0.16	0.50
Sackville	30-Mar-87	40	63	4.7	4.2	0.22	2.6	0.16	0.25
Sackville	23-Apr-87	90	41	5.1	7.4	0.23	1.3	0.12	0.34
Sackville	28-May-87	90	59	5.2	8.5	0.33	0.6	0.15	0.43
Sackville	24-Jun-87	120	46	5.1	13.0	0.36	0.9	0.13	0.67
Sackville	15-Jul-87	130	63	5.1	11.0	0.37	0.6	0.11	0.95
Sackville	19-Aug-87	70	74	5.0	9.0	0.30	0.2	0.09	0.70
Sackville	20-Oct-87	80	77	4.6	9.9	0.60	3.6	0.38	0.48
Sackville	24-Nov-87	90	59	4.5	10.0	0.46	3.4	0.17	0.46
Sackville	29-Dec-87	60	69	4.7	6.4	0.36	4.2	0.21	0.44
West	26-Feb-87	110	25	5.1	7.4	0.22	5.3	0.03	0.33
West	31-Mar-87	65	24	5.1	5.9	0.20	3.6	0.02	0.18
West	23-Apr-87	80	23	5.4	6.4	0.19	2.9	0.03	0.22
West	28-May-87	90	23	5.3	9.0	0.23	1.0	0.02	0.23
West	29-Jun-87	100	23	5.3	8.7	0.22	1.4	0.02	0.25
West	17-Jul-87	90	24	5.5	7.6	0.19	0.7	0.03	0.32
West	20-Aug-87	50	26	5.4	7.3	0.17	0.2	0.02	0.34
West	30-Sep-87	65	37	5.0	10.0	0.33	3.9	0.05	0.27
West	21-Oct-87	70	30	5.2	9.2	0.26	3.4	0.03	0.23
West	27-Nov-87	80	29	5.4	9.0	0.25	4.0	0.02	0.22
Canaan	07-Jan-88	80	28	4.7	9.1	0.34	3.9	0.03	0.23
Canaan	27-Jan-88	80	30	4.6	9.4	0.33	4.2	0.03	0.22
Canaan	23-Feb-88	70	29	4.6	7.9	0.30	3.7	0.02	0.15
Canaan	24-Mar-88	70	28	4.6	7.5	0.25	3.4	0.02	0.11
Canaan	21-Apr-88	60	24	4.8	6.8	0.31	3.2	0.02	0.17
Canaan	24-May-88	60	22	4.8	6.4	0.27	1.4	0.01	0.14
Canaan	24-Jun-88	40	22	4.9	5.1	0.25	1.8	0.02	0.14
Canaan	15-Jul-88	40	23	4.8	5.3	0.23	1.9	0.02	0.17
Canaan	16-Aug-88	70	23	4.8	7.0	0.31	2.5	0.03	0.22
Canaan	23-Sep-88	50	21	5.0	5.3	0.23	1.7	0.03	0.17
Canaan	14-Oct-88	50	22	4.9	5.7	0.26	1.7	0.03	0.19
Canaan	16-Nov-88	80	28	4.7	7.6	0.37	2.7	0.03	0.26
Canaan	19-Dec-88	90	29	4.6	7.8	0.35	3.3	0.02	0.21
Gold	06-Jan-88	80	28	5.2	8.6	0.22	5.3	0.04	0.20
Gold	26-Feb-88	60	29	5.0	7.7	0.17	3.6	0.03	0.11
Gold	23-Mar-88	70	31	5.4	6.8	0.19	4.4	0.02	0.13
Gold	12-Apr-88	60	25	5.1	7.2	0.18	3.0	0.02	0.13
Gold	11-May-88	60	24	5.2	7.0	0.17	2.0	0.18	0.20
Gold	20-May-88	70	24	5.4	7.0	0.19	1.6	0.03	0.19
Gold	21-Jun-88	80	27	5.8	6.4	0.15	1.3	0.02	0.19
Gold	15-Jul-88	50	29	5.7	6.4	0.13	1.8	0.25	

Table 2a. Continued.

River	Date	Colour	Cond. Pt-Co μmho/cm	pH	Carbon ppm	Aluminum ppm	Silica ppm	Manganese ppm	Iron ppm
Gold	12-Aug-88	100	25	5.5	9.6	0.23	2.1	0.02	0.31
Gold	22-Sep-88	100	28	5.8	11.0	0.22	3.6		0.22
Gold	17-Oct-88	100	32	5.4	11.0	0.22	4.3	0.01	0.27
Gold	14-Nov-88	110	29	4.9	8.6	0.22	4.4	0.03	0.28
Gold	07-Dec-88	100	25	5.0	7.3	0.22	4.2	0.03	0.21
Ingram	27-Jan-88	90	28	4.7	9.5	0.29	3.7	0.03	0.20
Ingram	26-Feb-88	60	25	4.8	6.7	0.25	3.3	0.03	0.13
Ingram	28-Mar-88	70	25	4.9	7.7	0.24	3.3	0.03	0.15
Ingram	19-May-88	40	21	5.1	5.5	0.23	2.0	0.04	0.15
Ingram	21-Jun-88	50	21	5.4	4.8	0.22	1.7	0.03	0.17
Ingram	08-Jul-88	30	20	5.3	4.0	0.20	1.9	0.03	0.18
Ingram	12-Aug-88	55	22	5.1	6.9	0.31	2.1	0.05	0.19
Ingram	20-Sep-88	60	23	5.3	7.8	0.27	3.4	0.03	0.19
Ingram	13-Oct-88	60	23	5.1	6.9	0.23	3.2	0.03	0.20
Ingram	14-Nov-88	80	27	4.8	7.3	0.31	3.5	0.03	0.26
Ingram	07-Dec-88	75	26	4.8	6.5	0.29	3.4	0.03	0.18
LaHave	06-Jan-88	50	36	6.0	6.5	0.16	4.5	0.05	0.20
LaHave	29-Feb-88	40	30	5.7	4.7	0.14	3.8	0.03	0.13
LaHave	23-Mar-88	45	36	6.3	5.3	0.12	4.1	0.03	0.15
LaHave	12-Apr-88	40	28	5.7	5.5	0.14	2.3	0.03	0.08
LaHave	20-May-88	50	30	5.8	5.1	0.15	2.4	0.04	0.16
LaHave	21-Jun-88	45	30	6.0	4.8	0.13	1.5	0.04	0.18
LaHave	15-Jul-88	25	30	6.2	4.4	0.08	1.6	0.05	0.23
LaHave	12-Aug-88	70	29	5.8	7.7	0.18	2.5	0.06	0.29
LaHave	22-Sep-88	40	32	6.2	6.3	0.12	2.7	0.04	0.33
LaHave	17-Oct-88	70	35	6.1	8.7	0.17	4.0	0.04	0.33
LaHave	15-Nov-88	80	33	5.7	6.6	0.18	3.8	0.04	0.27
LaHave	07-Dec-88	70	29	5.5	6.4	0.18	3.6	0.04	0.20
Middle	06-Jan-88	80	35	5.0	8.2	0.28	5.8	0.04	0.27
Middle	26-Feb-88	60	29	4.8	7.7	0.21	3.5	0.02	0.12
Middle	29-Mar-88	80	28	4.9	7.6	0.23	3.6	0.02	0.15
Middle	12-Apr-88	70	27	4.9	7.5	0.26	3.2	0.02	0.15
Middle	19-May-88	60	29	5.2	6.3	0.22	2.3	0.03	0.23
Middle	23-Jun-88	70	33	5.7	5.7	0.22	2.0	0.03	0.29
Middle	15-Jul-88	80	27	5.4	6.7	0.24	2.5	0.02	0.33
Middle	12-Aug-88	110	27	5.0	11.0	0.38	2.5	0.03	0.34
Middle	20-Sep-88	100	35	5.4	9.5	0.30	4.1	0.05	0.32
Middle	13-Oct-88	120	31	5.0	12.0	0.32	4.4	0.04	0.34
Middle	14-Nov-88	120	35	4.7	10.0	0.28	4.9	0.04	0.32
Middle	07-Dec-88	110	32	4.7	8.4	0.30	4.9	0.03	0.23
Nine Mile	23-Mar-88	40	60	4.9	5.2	0.20	3.0	0.06	0.14
Nine Mile	13-Apr-88	40	47	4.8	5.3	0.22	2.1	0.05	0.11
Nine Mile	19-May-88	30	48	5.0	4.2	0.19	2.1	0.06	0.16
Nine Mile	24-Jun-88	35	52	5.2	4.0	0.20	1.3	0.06	0.18
Nine Mile	08-Jul-88	15	51	5.2	3.8	0.19	1.4	0.06	0.17
Nine Mile	12-Aug-88	10	52	5.1	4.2	0.18	1.0	0.07	0.13
Nine Mile	20-Sep-88	25	49	5.4	4.1	0.17	1.7	0.06	0.15
Nine Mile	13-Oct-88	45	50	4.9	6.2	0.20	2.1	0.06	0.18
Nine Mile	14-Nov-88	60	51	4.9	7.3	0.31	2.8	0.06	0.25

Table 2a. Continued.

River	Date	Colour Pt-Co	Cond. μmho/cm	pH	Carbon ppm	Aluminum ppm	Silica ppm	Manganese ppm	Iron ppm
Nine Mile	09-Dec-88	65	50	4.7	6.5	0.25	2.8	0.05	0.18
Salmon	30-Mar-88	50	38	4.6	5.4	0.22	2.5	0.07	0.15
Salmon	15-Apr-88	50	39	4.7	5.3	0.24	1.3	0.07	0.16
Salmon	19-May-88	40	34	4.8	4.8	0.21	1.5	0.06	0.13
Salmon	20-Jun-88	20	32	5.0	3.8	0.20	0.5	0.07	0.12
Salmon	08-Jul-88	20	32	4.8	4.4	0.25	2.0	0.07	0.16
Salmon	15-Aug-88	25	38	4.8	4.0	0.21	1.0	0.10	0.21
Salmon	21-Sep-88	25	36	5.0	4.1	0.18	1.9	0.10	0.21
Salmon	17-Oct-88	50	39	4.8	5.1	0.25	2.5	0.11	0.36
Salmon	14-Nov-88	90	39	4.6	7.2	0.27	3.2	0.08	0.35
Salmon	15-Dec-88	90	39	4.6	5.8	0.32	3.2	0.09	0.30
Sackville	28-Feb-88	50	48	4.8	6.3	0.21	2.6	0.11	0.22
Sackville	29-Mar-88	55	44	4.8	6.3	0.19	2.1	0.11	0.22
Sackville	13-Apr-88	50	45	4.8	6.3	0.21	1.7	0.10	0.16
Sackville	19-May-88	100	49	5.1	8.2	0.28	0.3	0.15	0.51
Sackville	21-Jun-88	140	59	5.2	11.0	0.37	0.5	0.18	1.10
Sackville	08-Jul-88	110	65	5.3	10.7	0.34	1.4	0.11	0.79
Sackville	12-Aug-88	240	52	4.8	16.0	0.70	2.4	0.37	1.80
Sackville	20-Sep-88	110	68	4.8	10.0	0.40	1.4	0.40	0.79
Sackville	13-Oct-88	120	80	4.4	12.0	0.70	4.0	0.45	0.77
Sackville	14-Nov-88	90	51	4.7	7.1	0.29	2.6	0.19	0.43
Sackville	09-Dec-88	80	51	4.8	6.2	0.25	2.8	0.18	0.31
West	06-Jan-88	80	27	5.0	8.6	0.22	4.2	0.04	0.22
West	29-Feb-88	75	26	5.0	6.9	0.18	3.4	0.02	0.16
West	23-Mar-88	90	26	5.1	6.5	0.17	3.6	0.02	0.14
West	12-Apr-88	70	25	5.1	7.2	0.19	2.6	0.02	0.11
West	20-May-88	70	23	5.1	7.0	0.19	1.4	0.03	0.21
West	21-Jun-88	90	24	5.4	7.2	0.21	1.2	0.03	0.27
West	15-Jul-88	80	24	5.4	6.7	0.19	1.0	0.04	0.34
West	12-Aug-88	80	25	5.2	7.4	0.20	2.3	0.03	0.31
West	22-Sep-88	80	25	5.2	9.7	0.25	4.2	0.02	0.28
West	17-Oct-88	100	29	5.0	11.0	0.29	4.9	0.02	0.37
West	15-Nov-88	110	26	5.3	8.5	0.24	3.8	0.02	0.29
West	07-Dec-88	100	26	4.9	7.4	0.20	3.1	0.03	0.25
Canaan	23-Jan-89	80	29	4.7	7.1	0.37	3.4	0.03	0.22
Canaan	02-Mar-89	70	31	4.6	6.5	0.28	3.7	0.03	0.18
Canaan	06-Apr-89	40	26	4.8	4.8	0.21	3.3	0.03	0.13
Canaan	03-May-89	60	25	4.8	5.4	0.28	3.4	0.03	0.18
Canaan	16-Jun-89	70	24	4.8	6.4	0.29	1.9	0.02	0.19
Canaan	13-Jul-89	60	24	4.9	5.5	0.22	1.4	0.02	0.19
Canaan	26-Aug-89	50	23	5.1	3.8	0.43	1.1	0.03	0.36
Canaan	25-Sep-89	50	27	4.9	5.1	0.19	2.3	0.03	0.13
Canaan	19-Oct-89	50	23	5.0	4.5	0.21	1.3	0.03	0.17
Canaan	19-Nov-89	50	26	4.9	5.9	0.35	1.6	0.03	0.19
Canaan	14-Dec-89	60	30	4.7	7.5	0.35	2.3	0.03	0.21
Gold	19-Jan-89	70	36	5.2	5.6	0.17	4.8	0.03	0.18
Gold	01-Mar-89	60	32	5.1	5.5	0.17	3.9	0.03	0.16
Gold	12-Apr-89	50	25	5.2	5.1	0.14	3.3	0.03	0.18
Gold	10-May-89	80	28	5.2	6.2	0.18	3.1	0.02	0.16

Table 2a. Continued.

River	Date	Colour Pt-Co	Cond. μmho/cm	pH	Carbon ppm	Aluminum ppm	Silica ppm	Manganese ppm	Iron ppm
Gold	12-Jun-89	140	26	5.0	11.0	0.25	3.6	0.02	0.27
Gold	18-Jul-89	110	27	5.7	8.4	0.19	1.3	0.01	0.26
Gold	23-Aug-89	50	29	6.0	5.2	0.08	0.4		0.18
Gold	22-Sep-89	45	31	6.1	4.8	0.07	1.7		0.11
Gold	24-Oct-89	100	38	5.2	8.8	0.22	4.9	0.03	0.25
Gold	17-Nov-89	120	33	5.0	10.8	0.34	4.8	0.03	0.30
Gold	13-Dec-89	100	35	5.1	9.2	0.27	5.0	0.03	0.21
Ingram	17-Jan-89	65	25	5.0	5.5	0.26	3.6	0.03	0.18
Ingram	01-Mar-89	50	26	4.9	5.5	0.23	3.4	0.03	0.16
Ingram	13-Apr-89	40	21	5.0	4.2	0.20	2.8	0.03	0.15
Ingram	04-May-89	50	22	5.0	4.4	0.22	2.6	0.03	0.14
Ingram	12-Jun-89	60	23	5.0	5.7	0.24	2.5	0.03	0.15
Ingram	18-Jul-89	50	22	5.2	5.4	0.22	2.0	0.03	0.16
Ingram	23-Aug-89	35	22	5.6	3.7	0.14	1.7	0.02	0.11
Ingram	22-Sep-89	40	27	5.5	4.6	0.17	3.1	0.03	0.14
Ingram	24-Oct-89	55	26	5.2	5.4	0.19	3.2	0.03	0.18
Ingram	17-Nov-89	60	28	5.0	7.6	0.34	3.7	0.03	0.21
Ingram	13-Dec-89	50	29	4.9	6.7	0.27	3.6	0.03	0.16
LaHave	19-Jan-89	50	35	5.9	4.6	0.18	4.2	0.03	0.20
LaHave	01-Mar-89	40	32	5.8	4.3	0.14	3.8	0.04	0.17
LaHave	11-Apr-89	40	28	5.6	5.4	0.12	3.3	0.04	0.17
LaHave	11-May-89	60	29	5.6	5.1	0.16	2.9	0.03	0.18
LaHave	13-Jun-89	80	34	6.0	6.8	0.18	3.3	0.05	0.31
LaHave	18-Jul-89	65	31	6.4	5.8	0.13	2.0	0.04	0.27
LaHave	24-Aug-89	30	30	6.3	4.4	0.07	1.1	0.04	0.23
LaHave	26-Sep-89	40	34	6.2	3.8	0.06	1.7	0.03	0.34
LaHave	24-Oct-89	80	33	5.2	7.8	0.23	4.6	0.03	0.23
LaHave	17-Nov-89	65	43	5.9	8.3	0.24	4.0	0.06	0.34
LaHave	13-Dec-89	60	36	5.6	6.5	0.20	4.3	0.04	0.20
Middle	19-Jan-89	90	32	4.8	6.6	0.27	6.5	0.03	0.21
Middle	01-Mar-89	60	35	4.8	5.5	0.23	4.4	0.03	0.17
Middle	11-Apr-89	50	26	4.9	5.2	0.19	3.3	0.03	0.18
Middle	10-May-89	90	29	4.9	6.2	0.26	3.6	0.03	0.23
Middle	12-Jun-89	120	31	4.9	9.4	0.33	3.7	0.02	0.27
Middle	18-Jul-89	100	35	5.8	7.2	0.23	3.4	0.03	0.38
Middle	23-Aug-89	70	44	6.4	4.5	0.12	2.3		0.38
Middle	22-Sep-89	60	50	6.0	5.8	0.15	3.9	0.02	0.27
Middle	24-Oct-89	100	36	5.0	8.4	0.26	4.7	0.04	0.29
Middle	17-Nov-89	80	36	5.0	8.9	0.35	4.8	0.04	0.37
Middle	13-Dec-89	100	38	4.8	9.2	0.34	5.8	0.03	0.27
Nine Mile	17-Jan-89	40	56	4.9	4.5	0.24	3.0	0.07	0.18
Nine Mile	01-Mar-89	40	57	4.8	4.5	0.23	2.7	0.07	0.16
Nine Mile	11-Apr-89	25	49	5.0	3.7	0.19	2.4	0.06	0.17
Nine Mile	10-May-89	40	50	4.9	4.2	0.22	2.4	0.07	0.15
Nine Mile	12-Jun-89	50	51	4.8	5.5	0.21	1.7	0.07	0.15
Nine Mile	19-Jul-89	40	54	5.0	5.0	0.22	1.3	0.07	0.18
Nine Mile	23-Aug-89	10	55	5.3	3.4	0.17	1.0	0.08	0.14
Nine Mile	23-Sep-89	25	54	5.3	3.4	0.14	1.4	0.08	0.17
Nine Mile	24-Oct-89	50	64	4.9	5.4	0.19	2.4	0.07	0.27

Table 2a. Continued.

River	Date	Colour Pt-Co	Cond. μmho/cm	pH	Carbon ppm	Aluminum ppm	Silica ppm	Manganese ppm	Iron ppm
Nine Mile	18-Nov-89	50	49	5.0	6.2	0.27	2.8	0.06	0.31
Nine Mile	13-Dec-89	40	54	4.8	6.4	0.26	3.1	0.06	0.24
Salmon	17-Jan-89	65	37	4.7	5.2	0.26	3.2	0.09	0.26
Salmon	12-Apr-89	30	35	4.8	3.9	0.20	2.5	0.08	0.22
Salmon	10-May-89	40	35	4.7	3.2	0.23	2.7	0.10	0.20
Salmon	12-Jun-89	60	31	4.7	5.9	0.27	2.3	0.08	0.20
Salmon	19-Jul-89	55	31	4.9	5.0	0.25	1.6	0.10	0.20
Salmon	23-Aug-89	30	32	5.2	3.0	0.17	0.8	0.08	0.18
Salmon	22-Sep-89	25	34	5.2	3.4	0.15	1.3	0.07	0.16
Salmon	25-Oct-89	40	36	4.9	4.4	0.18	2.5	0.11	0.25
Salmon	19-Nov-89	50	38	4.8	5.9	0.29	3.0	0.10	0.26
Salmon	12-Dec-89	60	44	4.7	5.9	0.37	3.1	0.11	0.27
Sackville	17-Jan-89	30	82	4.9	3.2	0.29	3.6	0.27	0.30
Sackville	02-Mar-89	50	67	4.9	4.4	0.20	3.4	0.22	0.27
Sackville	11-Apr-89	30	52	4.9	4.4	0.17	1.8	0.30	0.28
Sackville	10-May-89	80	54	4.7	6.1	0.26	2.3	0.20	0.37
Sackville	12-Jun-89	130	53	4.7	11.0	0.42	2.5	0.21	0.54
Sackville	19-Jul-89	110	72	4.9	8.2	0.28	2.2	0.29	0.72
Sackville	23-Aug-89	100	64	5.1	6.8	0.31	0.2	0.12	0.91
Sackville	24-Oct-89	100	84	4.5	9.2	0.35	3.8	0.33	0.42
Sackville	17-Nov-89	70	66	4.6	8.9	0.38	3.2	0.25	0.38
Sackville	12-Dec-89	65	70	4.7	7.1	0.33	3.6	0.22	0.27
West	19-Jan-89	80	26	4.9	5.8	0.15	4.0	0.04	0.18
West	01-Mar-89	70	25	4.9	5.6	0.18	3.3	0.02	0.17
West	11-Apr-89	70	22	5.2	5.4	0.15	3.0	0.03	0.21
West	11-May-89	90	23	4.9	6.3	0.21	2.7	0.02	0.20
West	13-Jun-89	130	21	5.0	7.9	0.28	3.3	0.02	0.29
West	18-Jul-89	110	22	5.6	7.4	0.20	0.9	0.03	0.30
West	24-Aug-89	80	22	5.6	5.1	0.13	0.7	0.01	0.30
West	26-Sep-89	60	28	6.2	4.6	0.11	2.4	0.03	0.21
West	24-Oct-89	55	44	6.0	6.1	0.14	4.0	0.05	0.22
West	17-Nov-89	100	30	4.9	10.3	0.31	3.4	0.03	0.28
West	13-Dec-89	90	31	5.0	9.7	0.25	4.3	0.02	0.23
Canaan	17-Feb-90	60	35	4.6	6.6	0.34	4.0	0.03	0.19
Canaan	15-Mar-90	50	31	4.7	6.9	0.37	3.6	0.03	0.15
Canaan	23-Apr-90	60	28	4.7	7.1	0.26	2.9	0.03	0.19
Canaan	16-May-90	20	26	4.8	4.8	0.23	2.1	0.03	0.15
Canaan	19-Jun-90	35	24	4.8	6.1	0.28	1.5	0.02	0.15
Canaan	16-Jul-90	30	23	5.0	5.1	0.24	1.0	0.02	0.17
Canaan	26-Aug-90	30	23	5.0	4.8	0.24	0.8	0.03	0.15
Canaan	23-Sep-90	80	36	4.5	10.4	0.42	3.5	0.03	0.19
Canaan	23-Oct-90	40	29	4.9	4.6	0.25	1.9	0.03	0.20
Canaan	14-Nov-90	50	30	4.8	7.7	0.34	3.0	0.03	0.20
Canaan	14-Dec-90	60	34	4.6	9.1	0.40	3.3	0.03	0.22
Gold	19-Feb-90	60	33	5.1	6.0	0.18	4.3	0.03	0.15
Gold	13-Mar-90	50	32	5.3	5.2	0.18	4.3	0.02	0.10
Gold	20-Apr-90	70	26	5.0	7.1	0.17	2.7	0.02	0.16
Gold	24-May-90	60	25	5.3	6.7	0.20	2.6	0.02	0.13
Gold	26-Jun-90	100	26	5.2	12.3	0.28	2.9	0.03	0.31

Table 2a. Continued.

River	Date	Colour Pt-Co	Cond. μmho/cm	pH	Carbon ppm	Aluminum ppm	Silica ppm	Manganese ppm	Iron ppm
Gold	16-Jul-90	60	24	5.6	7.7	0.21	1.2	0.01	0.20
Gold	22-Aug-90	60	26	5.9	8.5	0.14	2.1		0.21
Gold	21-Sep-90	30	42	6.1	5.4	0.09	1.8	0.01	0.10
Gold	17-Oct-90	60	37	5.8	7.2	0.16	3.6	0.01	0.20
Gold	15-Nov-90	90	35	5.0	9.0	0.35	4.4	0.03	0.22
Gold	18-Dec-90	70	31	4.9	8.6	0.23	3.7	0.03	0.16
Ingram	19-Feb-90	40	29	4.9	5.4	0.27	3.8	0.04	0.14
Ingram	13-Mar-90	40	27	5.0	5.0	0.23	3.6	0.03	0.12
Ingram	19-Apr-90	50	24	4.8	6.2	0.22	2.6	0.03	0.13
Ingram	15-May-90	35	26	4.9	6.0	0.24	2.4	0.03	0.12
Ingram	27-Jun-90	30	23	5.1	5.0	0.24	2.0	0.04	0.18
Ingram	13-Jul-90	20	23	5.3	4.1	0.24	1.6	0.03	0.13
Ingram	22-Aug-90	20	22	5.4	3.8	0.15	1.5	0.01	0.10
Ingram	20-Sep-90	20	25	5.7	3.2	0.13	3.2	0.03	0.14
Ingram	17-Oct-90	25	25	5.5	4.8	0.17	2.9	0.02	0.07
Ingram	15-Nov-90	50	31	4.9	8.2	0.28	3.4	0.04	0.19
Ingram	14-Dec-90	50	33	4.7	7.9	0.30	3.0	0.03	0.15
LaHave	19-Feb-90	40	37	5.5	4.9	0.15	4.0	0.04	0.15
LaHave	12-Mar-90	30	39	6.0	4.3	0.16	4.0	0.04	0.13
LaHave	20-Apr-90	50	30	5.6	5.7	0.14	2.7	0.03	0.14
LaHave	10-May-90	35	26	5.5	5.2	0.15	2.0	0.01	0.16
LaHave	24-May-90	20	43	6.3	4.2	0.17	1.5	0.05	0.17
LaHave	28-Jun-90	70	26	5.7	8.1	0.26	2.1	0.12	0.35
LaHave	20-Jul-90	30	29	5.8	5.5	0.14	0.9	0.06	0.23
LaHave	23-Aug-90	60	25	5.8	7.5	0.15	2.4	0.01	0.32
LaHave	21-Sep-90	40	30	6.0	5.4	0.10	2.0	0.03	0.32
LaHave	19-Oct-90	40	33	6.0	6.0	0.13	2.6	0.02	0.20
LaHave	21-Nov-90	60	36	5.4	8.5	0.23	3.7	0.05	0.20
LaHave	18-Dec-90	50	33	5.5	6.7	0.19	3.7	0.04	0.16
Middle	19-Feb-90	60	38	4.9	5.9	0.26	4.8	0.03	0.18
Middle	13-Mar-90	35	38	5.2	4.5	0.13	4.7	0.03	0.15
Middle	20-Apr-90	70	31	4.8	7.2	0.22	3.1	0.02	0.18
Middle	24-May-90	50	41	5.4	6.0	0.30	2.1	0.03	0.12
Middle	26-Jun-90	90	28	5.0	8.7	0.30	2.6	0.03	0.33
Middle	17-Jul-90	60	32	5.4	7.0	0.30	2.5	0.02	0.30
Middle	22-Aug-90	90	28	5.4	7.5	0.21	2.5	0.03	0.34
Middle	21-Sep-90	70	42	5.5	9.5	0.26	5.1	0.06	0.40
Middle	17-Oct-90	50	43	5.6	6.2	0.19	3.4	0.03	0.28
Middle	15-Nov-90	90	39	4.7	10.4	0.42	4.6	0.03	0.28
Middle	18-Dec-90	70	36	4.7	9.2	0.32	3.7	0.03	0.20
Nine Mile	19-Feb-90	35	65	4.8	4.0	0.22	3.0	0.08	0.16
Nine Mile	13-Mar-90	20	75	4.9	3.9	0.23	2.9	0.09	0.14
Nine Mile	19-Apr-90	30	58	4.9	5.0	0.20	2.4	0.07	0.20
Nine Mile	22-May-90	5	75	4.9	3.0	0.46	1.6	0.11	0.16
Nine Mile	16-Jul-90	10	57	5.3	3.2	0.18	0.4	0.08	0.17
Nine Mile	22-Aug-90	20	50	5.2	3.7	0.15	0.9	0.08	0.13
Nine Mile	23-Sep-90	30	53	5.2	4.3	0.16	1.4	0.07	0.12
Nine Mile	17-Oct-90	30	56	5.3	4.8	0.19	1.7	0.08	0.14
Nine Mile	14-Nov-90	40	57	4.9	6.6	0.31	2.4	0.06	0.27

Table 2a. Continued.

River	Date	Colour Pt-Co	Cond. μmho/cm	pH	Carbon ppm	Aluminum ppm	Silica ppm	Manganese ppm	Iron ppm
Nine Mile	14-Dec-90	50	58	4.7	7.5	0.29	2.6	0.07	0.20
Salmon	17-Feb-90	40	47	4.6	4.6	0.29	3.3	0.10	0.21
Salmon	13-Mar-90	35	44	4.7	4.5	0.28	2.8	0.09	0.16
Salmon	19-Apr-90	40	38	4.7	5.3	0.25	2.2	0.08	0.17
Salmon	22-May-90	10	37	4.8	3.3	0.22	2.0	0.09	0.16
Salmon	27-Jun-90	20	35	4.8	3.9	0.22	1.3	0.09	0.15
Salmon	13-Jul-90	30	35	5.0	3.0	0.19	1.0	0.10	0.14
Salmon	22-Aug-90	20	33	4.9	3.6	0.18	1.3	0.11	0.16
Salmon	20-Sep-90	10	39	5.1	2.4	0.13	1.3	0.09	0.06
Salmon	17-Oct-90	25	40	5.0	4.3	0.21	2.1	0.09	0.11
Salmon	15-Nov-90	40	47	4.8	6.1	0.30	2.7	0.13	0.23
Salmon	19-Dec-90	60	45	4.5	7.5	0.36	2.7	0.17	0.21
Sackville	17-Feb-90	40	68	4.8	4.7	0.24	3.5	0.18	0.22
Sackville	13-Mar-90	35	101	4.9	4.3	0.29	4.2	0.24	0.25
Sackville	19-Apr-90	60	51	4.7	6.8	0.23	1.6	0.15	0.26
Sackville	15-May-90	45	60	5.0	6.4	0.31	0.9	0.17	0.27
Sackville	25-Jun-90	100	65	5.1	8.9	0.33	0.2	0.24	0.89
Sackville	13-Jul-90	90	52	5.3	9.8	0.37	0.2	0.10	1.00
Sackville	22-Aug-90	80	69	5.2	7.7	0.25	1.7	0.08	0.68
Sackville	20-Sep-90	40	77	6.3	7.4	0.15	0.6	0.02	0.16
Sackville	17-Oct-90	70	84	5.0	10.4	0.37	2.3	0.22	0.56
Sackville	15-Nov-90	75	67	4.7	9.5	0.42	3.5	0.26	0.35
Sackville	14-Dec-90	50	56	4.7	7.5	0.27	2.5	0.17	0.22
West	19-Feb-90	60	28	4.9	6.4	0.18	3.5	0.03	0.17
West	12-Mar-90	50	28	5.0	6.2	0.21	3.6	0.02	0.13
West	20-Apr-90	70	31	5.0	7.2	0.17	2.4	0.02	0.15
West	24-May-90	50	25	5.8	6.5	0.19	2.2	0.02	0.19
West	28-Jun-90	100	22	5.1	9.7	0.25	2.4	0.05	0.50
West	20-Jul-90	60	21	5.3	6.8	0.21	1.1	0.03	0.28
West	23-Aug-90	90	20	5.5	7.7	0.23	1.9	0.02	0.33
West	21-Sep-90	70	24	5.6	6.5	0.15	0.8	0.02	0.14
West	19-Oct-90	90	35	4.9	9.2	0.25	3.9	0.04	0.29
West	21-Nov-90	80	33	4.9	8.8	0.34	3.7	0.03	0.22
West	18-Dec-90	70	28	4.9	8.6	0.21	3.5	0.02	0.18
Canaan	18-Jan-91	80	33	4.6	9.3	0.40	3.7	0.03	0.20
Canaan	28-Feb-91	60	32	4.6	8.7	0.37	3.8	0.03	0.22
Canaan	18-Mar-91	40	26	4.7	5.9	0.28	3.0	0.02	0.13
Canaan	17-Apr-91	50	25	4.7	6.1	0.28	3.3	0.02	0.17
Canaan	06-May-91	50	23	4.7	5.4	0.30	2.8	0.04	0.13
Canaan	07-Jun-91	60	21	4.8	4.7	0.25	1.0	0.02	0.14
Canaan	17-Jul-91	45	20	4.9	4.3	0.25	0.9	0.02	0.18
Canaan	15-Aug-91	50	22	4.8	5.1	0.21	1.1	0.02	0.20
Canaan	27-Sep-91	30	22	4.9	6.2	0.32	2.8	0.03	0.27
Canaan	22-Oct-91	50	25	4.7	9.0	0.35	3.9	0.03	0.34
Canaan	22-Nov-91	60	26	4.9	9.1	0.35	3.7	0.03	0.22
Canaan	23-Dec-91	65	27	4.6	11.0	0.42	4.0	0.02	0.24
Gold	16-Jan-91	60	28	5.1	8.6	0.23	4.6	0.03	0.18
Gold	26-Feb-91	50	35	5.2	6.9	0.19	4.4	0.02	0.16
Gold	19-Mar-91	40	36	5.1	5.0	0.20	3.3	0.04	0.12

Table 2a. Continued.

River	Date	Colour Pt-Co	Cond. μmho/cm	pH	Carbon ppm	Aluminum ppm	Silica ppm	Manganese ppm	Iron ppm
Gold	23-Apr-91	55	23	4.9	6.9	0.19	2.1	0.02	0.14
Gold	13-May-91	75	20	5.2	6.4	0.20	1.9	0.02	0.11
Gold	10-Jun-91	65	22	5.7	5.4	0.16	1.0		0.17
Gold	16-Jul-91	45	27	5.9	4.6	0.09	0.3		0.11
Gold	15-Aug-91	145	31	5.3	16.2	0.35	4.7	0.06	0.35
Gold	26-Sep-91	75	30	5.1	11.0	0.31	3.9	0.03	0.33
Gold	23-Oct-91	90	26	5.2	12.6	0.30	4.5	0.02	0.29
Gold	22-Nov-91	70	28	5.2	10.2	0.27	4.2	0.03	0.24
Gold	27-Dec-91	70	27	5.1	8.8	0.22	4.9	0.03	0.23
Ingram	16-Jan-91	50	28	4.9	8.6	0.30	3.7	0.04	0.17
Ingram	26-Feb-91	50	27	4.9	7.1	0.27	3.4	0.05	0.10
Ingram	19-Mar-91	40	23	4.9	5.2	0.27	2.8	0.04	0.18
Ingram	18-Apr-91	30	21	5.0	4.7	0.22	2.4	0.02	0.10
Ingram	13-May-91	50	21	4.9	5.4	0.24	2.1	0.04	0.11
Ingram	07-Jun-91	40	20	5.2	4.0	0.21	1.2	0.03	0.15
Ingram	15-Jul-91	30	22	5.4	4.0	0.15	1.5	0.02	0.11
Ingram	14-Aug-91	55	25	5.1	6.6	0.25	2.0	0.04	0.17
Ingram	25-Sep-91	25	22	5.3	5.7	0.21	2.9	0.03	0.14
Ingram	21-Oct-91	55	26	4.9	9.4	0.33	4.8	0.03	0.19
Ingram	22-Nov-91	40	26	4.9	8.5	0.30	3.4	0.04	0.19
Ingram	27-Dec-91	50	25	4.9	8.1	0.33	3.9	0.05	0.19
LaHave	17-Jan-91	30	39	5.7	4.8	0.18	3.3	0.05	0.14
LaHave	27-Feb-91	40	36	5.7	6.0	0.17	4.2	0.03	0.15
LaHave	18-Mar-91	30	34	5.8	4.7	0.12	3.6	0.04	0.12
LaHave	23-Apr-91	35	27	5.5	5.4	0.19	2.3	0.03	0.18
LaHave	09-May-91	50	26	5.7	4.5	0.16	2.3	0.03	0.11
LaHave	10-Jun-91	40	26	5.8	4.5	0.13	0.8	0.04	0.20
LaHave	16-Jul-91	25	28	5.9	4.7	0.08	0.4	0.05	0.22
LaHave	15-Aug-91	30	32	6.0	3.8	0.05	0.8	0.03	0.26
LaHave	26-Sep-91	35	31	6.0	7.3	0.16	3.9	0.05	0.29
LaHave	23-Oct-91	50	33	5.8	8.3	0.20	4.8	0.04	0.33
LaHave	22-Nov-91	50	30	5.9	8.2	0.19	3.8	0.04	0.26
LaHave	28-Dec-91	45	31	5.8	6.9	0.19	4.3	0.04	0.21
Middle	16-Jan-91	60	35	5.0	7.6	0.32	4.9	0.04	0.25
Middle	26-Feb-91	50	35	4.9	7.1	0.24	4.8	0.02	0.17
Middle	19-Mar-91	40	70	5.2	4.3	0.31	3.4	0.07	0.31
Middle	18-Apr-91	45	29	5.0	6.2	0.22	3.1	0.02	0.14
Middle	10-May-91	85	24	4.8	7.2	0.28	2.8	0.03	0.14
Middle	10-Jun-91	75	25	5.2	5.8	0.21	1.5	0.02	0.25
Middle	16-Jul-91	75	34	5.8	6.3	0.21	4.1	0.04	0.22
Middle	14-Aug-91	80	26	5.1	6.8	0.23	1.8	0.03	0.29
Middle	25-Sep-91	85	28	4.8	15.0	0.42	3.9	0.03	0.35
Middle	23-Oct-91	95	29	4.7	14.5	0.40	5.1	0.02	0.38
Middle	22-Nov-91	85	28	4.9	12.1	0.35	5.1	0.03	0.30
Middle	27-Dec-91	75	30	4.8	9.6	0.31	5.7	0.03	0.24
Nine Mile	16-Jan-91	40	53	4.7	6.4	0.35	2.9	0.08	0.21
Nine Mile	26-Feb-91	40	58	4.8	5.8	0.25	2.9	0.09	0.15
Nine Mile	19-Mar-91	30	73	5.1	3.7	0.32	2.3	0.08	0.35
Nine Mile	18-Apr-91	30	49	4.9	4.3	0.23	2.1	0.07	0.15

Table 2a. Continued.

River	Date	Colour	Cond. Pt-Co μmho/cm	pH	Carbon ppm	Aluminum ppm	Silica ppm	Manganese ppm	Iron ppm	
									ppm	ppm
Nine Mile	13-May-91	35	47	4.8	4.0	0.24	1.5	0.08	0.11	
Nine Mile	07-Jun-91	35	48	5.0	3.5	0.21	0.8	0.07	0.17	
Nine Mile	15-Jul-91	35	46	5.0	2.8	0.17	0.2	0.09	0.25	
Nine Mile	14-Aug-91	25	54	5.5	2.8	0.11	1.0	0.07	0.19	
Nine Mile	25-Sep-91	25	49	4.9	5.4	0.23	1.9	0.06	0.12	
Nine Mile	21-Oct-91	40	49	4.9	7.1	0.30	3.5	0.07	0.28	
Nine Mile	23-Nov-91	40	50	4.8	7.6	0.24	3.0	0.09	0.19	
Nine Mile	29-Dec-91	35	69	4.8	6.7	0.27	3.2	0.10	0.18	
Salmon	16-Jan-91	50	41	4.6	6.4	0.36	3.6	0.08	0.23	
Salmon	26-Feb-91	40	48	4.5	6.2	0.35	3.1	0.09	0.21	
Salmon	19-Mar-91	30	38	4.7	4.2	0.27	2.4	0.07	0.16	
Salmon	22-Apr-91	30	34	4.7	3.9	0.23	2.1	0.07	0.16	
Salmon	13-May-91	35	34	4.6	3.6	0.28	2.0	0.08	0.15	
Salmon	07-Jun-91	35	31	4.7	3.3	0.25	0.9	0.06	0.14	
Salmon	15-Jul-91	20	32	4.9	2.7	0.19	0.6	0.08	0.22	
Salmon	14-Aug-91	25	33	5.1	2.3	0.15	0.7	0.08	0.21	
Salmon	25-Sep-91	20	34	4.8	4.3	0.24	2.9	0.08	0.21	
Salmon	21-Oct-91	30	41	4.6	6.1	0.32	3.3	0.10	0.26	
Salmon	23-Nov-91	40	64	4.7	7.3	0.33	3.4	0.11	0.29	
Salmon	28-Dec-91	45	44	4.5	8.1	0.44	3.4	0.10	0.30	
Sackville	16-Jan-91	40	67	5.0	6.6	0.33	3.8	0.19	0.36	
Sackville	26-Feb-91	40	66	4.9	5.3	0.24	2.9	0.18	0.24	
Sackville	19-Mar-91	40	83	5.0	4.3	0.24	2.5	0.18	0.22	
Sackville	22-Apr-91	50	52	4.8	6.1	0.41	1.4	0.21	0.53	
Sackville	13-May-91	80	44	4.9	6.6	0.27	0.4	0.15	0.28	
Sackville	07-Jun-91	85	58	5.1	6.2	0.29	0.4	0.16	0.65	
Sackville	15-Jul-91	105	59	5.4	6.6	0.27	0.3	0.12	0.94	
Sackville	14-Aug-91	115	77	4.6	10.7	0.49	3.2	0.27	0.82	
Sackville	27-Sep-91	70	64	4.5	11.0	2.50	4.4	0.24	0.77	
Sackville	21-Oct-91	70	56	4.7	11.6	0.41	4.8	0.22	0.63	
Sackville	22-Nov-91	50	94	4.8	8.0	0.27	2.8	0.15	0.34	
Sackville	27-Dec-91	40	60	4.9	6.3	0.30	4.0	0.17	0.32	
West	17-Jan-91	60	25	5.0	8.3	0.21	4.0	0.13	0.21	
West	27-Feb-91	70	28	4.9	8.0	0.22	4.1	0.02	0.19	
West	18-Mar-91	60	25	5.0	6.3	0.16	3.2	0.03	0.15	
West	23-Apr-91	60	25	5.0	7.4	0.19	2.4	0.01	0.16	
West	09-May-91	75	20	5.0	6.3	0.20	2.0	0.02	0.13	
West	10-Jun-91	80	21	5.4	5.1	0.17	0.8	0.02	0.26	
West	16-Jul-91	60	23	5.7	4.9	0.14	0.4	0.03	0.21	
West	15-Aug-91	55	25	5.2	5.7	0.15	1.8	0.03	0.24	
West	26-Sep-91	55	24	5.2	9.4	0.31	4.0	0.02	0.27	
West	23-Oct-91	65	24	5.1	10.7	0.30	4.0	0.03	0.29	
West	22-Nov-91	60	24	5.0	9.7	0.21	3.6	0.03	0.26	
West	28-Dec-91	70	25	4.9	9.3	0.27	4.1	0.02	0.27	
Canaan	20-Jan-92	50	24	4.6	8.8	0.37	3.1	0.02	0.21	
Canaan	24-Feb-92	45	28	4.6	6.3	0.32	3.8	0.03	0.21	
Canaan	26-Mar-92	55	25	4.6	4.9	0.28	4.0	0.03	0.16	
Canaan	21-Apr-92	55	24	4.6	5.3	0.29	2.8	0.01	0.21	
Canaan	28-May-92	45	23	4.9	9.2	0.24	1.1	0.02	0.18	

Table 2a. Continued.

River	Date	Colour Pt-Co	Cond. μmho/cm	pH	Carbon ppm	Aluminum ppm	Silica ppm	Manganese ppm	Iron ppm
Canaan	26-Jun-92	90	26	4.7	8.5	0.37	2.7	0.02	0.21
Canaan	30-Jul-92	45	23	4.9	5.5	0.26	1.5	0.02	0.15
Canaan	27-Aug-92	50	21	5.0	4.9	0.19	1.1	0.02	0.14
Canaan	25-Sep-92	40	21	5.0	5.8	0.26	1.9	0.02	0.12
Canaan	23-Oct-92	50	21	5.2	4.7	0.26	2.2	0.03	0.13
Canaan	22-Nov-92	65	26	4.6	7.4	0.43	2.9	0.02	0.22
Canaan	17-Dec-92	45	30	4.8	6.9	0.34	3.2	0.03	0.17
Gold	20-Jan-92	65	26	5.0	8.3	0.22	4.1	0.03	0.17
Gold	27-Feb-92	40	29	5.0	5.1	0.17	4.1	0.02	0.14
Gold	25-Mar-92	50	28	5.3	5.1	0.18	4.4	0.02	0.15
Gold	23-Apr-92	50	22	5.3	4.4	0.15	2.8	0.02	0.15
Gold	29-May-92	60	24	5.6	5.6	0.18	0.7	0.00	0.16
Gold	26-Jun-92	75	26	5.7	6.6	0.17	1.4	0.00	0.24
Gold	30-Jul-92	75	26	5.6	11.2	0.17	1.6	0.00	0.19
Gold	26-Aug-92	110	26	5.3	13.8	0.27	2.9	0.03	0.23
Gold	25-Sep-92	105	26	5.7	11.5	0.32	3.1	0.00	0.24
Gold	23-Oct-92	85	33	5.7	8.5	0.22	4.3	0.02	0.24
Gold	25-Nov-92	100	33	5.0	11.2	0.34	4.9	0.04	0.26
Gold	17-Dec-92	75	87	5.4	8.4	0.22	4.9	0.02	0.18
Ingram	20-Jan-92	50	24	4.8	7.8	0.32	3.3	0.03	0.17
Ingram	27-Feb-92	35	25	4.8	5.6	0.26	3.4	0.04	0.18
Ingram	27-Mar-92	40	24	4.9	5.2	0.26	2.7	0.03	0.16
Ingram	22-Apr-92	40	22	4.9	4.6	0.24	2.2	0.03	0.17
Ingram	26-May-92	35	22	5.1	4.7	0.24	0.8	0.03	0.11
Ingram	26-Jun-92	40	21	5.4	5.3	0.25	1.9	0.03	0.18
Ingram	30-Jul-92	35	22	5.4	5.0	0.23	2.0	0.03	0.14
Ingram	26-Aug-92	20	21	5.6	3.8	0.14	1.0	0.02	0.08
Ingram	25-Sep-92	30	21	5.5	4.4	0.17	2.2	0.02	0.10
Ingram	23-Oct-92	30	21	5.7	3.6	0.16	2.6	0.02	0.08
Ingram	24-Nov-92	70	27	4.8	8.1	0.37	3.6	0.02	0.20
Ingram	17-Dec-92	45	24	5.1	7.8	0.29	3.6	0.04	0.11
LaHave	24-Jan-92	45	27	5.7	6.3	0.19	3.5	0.04	0.16
LaHave	27-Feb-92	26	36	5.8	4.1	0.14	4.0	0.05	0.17
LaHave	26-Mar-92	35	35	6.0	4.3	0.18	4.1	0.04	0.21
LaHave	22-Apr-92	35	29	6.0	3.9	0.13	2.6	0.02	0.16
LaHave	27-May-92	40	30	6.2	3.9	0.14		0.03	0.16
LaHave	26-Jun-92	45	31	6.0	3.9	0.12	1.2	0.06	0.26
LaHave	30-Jul-92	55	33	6.3	4.5	0.05	0.9	0.05	0.16
LaHave	26-Aug-92	25	34	6.2	4.6	0.05	1.6	0.04	0.16
LaHave	25-Sep-92	20	35	6.4	3.9	0.06	2.0	0.06	0.26
LaHave	23-Oct-92	65	47	6.1	7.4	0.15	3.6	0.07	0.53
LaHave	26-Nov-92	55	36	5.6	6.3	0.24	4.1	0.06	0.26
LaHave	17-Dec-92	40	36	5.9	5.6	0.16	3.7	0.04	0.16
Middle	20-Jan-92	70	24	4.8	7.6	0.25	4.2	0.03	0.22
Middle	27-Feb-92	35	42	4.9	4.7	0.22	4.3	0.04	0.19
Middle	25-Mar-92	50	28	4.9	5.1	0.23	4.2	0.02	0.12
Middle	23-Apr-92	50	24	4.9	5.0	0.21	3.2	0.02	0.19
Middle	29-May-92	50	33	5.4	4.1	0.24	0.2	0.03	0.23
Middle	26-Jun-92	82	28	5.3	6.9	0.25	3.3	0.03	0.29

Table 2a. Continued.

River	Date	Colour Pt-Co	Cond. μmho/cm	pH	Carbon ppm	Aluminum ppm	Silica ppm	Manganese ppm	Iron ppm
Middle	30-Jul-92	65	27	5.4	6.4	0.24	1.1	0.04	0.24
Middle	26-Aug-92	90	26	5.2	8.0	0.22	2.4	0.03	0.28
Middle	24-Sep-92	80	27	5.5	7.0	0.30	3.7	0.03	0.23
Middle	23-Oct-92	85	27	5.4	8.6	0.28	4.5	0.05	0.30
Middle	25-Nov-92	115	31	4.6	11.8	0.46	5.9	0.03	0.35
Middle	17-Dec-92	95	34	4.8	11.9	0.36	7.3	0.03	0.29
Nine Mile	20-Jan-92	40	54	4.7	6.2	0.30	2.5	0.10	0.19
Nine Mile	28-Feb-92	25	63	4.8	4.4	0.26	3.1	0.11	0.20
Nine Mile	23-Mar-92	30	52	4.8	4.1	0.26	3.0	0.10	0.17
Salmon	20-Jan-92	35	40	4.5	6.4	0.38	2.0	0.09	0.29
Salmon	23-Mar-92	45	39	4.6	4.1	0.28	2.8	0.10	0.21
Salmon	24-Apr-92	35	34	4.6	3.5	0.24	1.9	0.07	0.16
Salmon	26-May-92	25	35	4.7	2.7	0.29	0.6	0.09	0.17
Salmon	26-Jun-92	20	35	4.9	3.0	0.19	0.8	0.09	0.11
Salmon	30-Jul-92	15	37	4.7	2.7	0.17	0.9	0.09	0.12
Salmon	27-Aug-92	20	33	5.0	2.5	0.14	1.3	0.09	0.09
Salmon	25-Sep-92	20	37	5.2	2.7	0.15	1.9	0.08	0.12
Salmon	23-Oct-92	20	33	5.4	2.8	0.16	2.1	0.09	0.14
Salmon	24-Nov-92	30	36	4.7	3.7	0.30	2.7	0.11	0.16
Salmon	18-Dec-92	20	39	4.8	3.7	0.33	2.0	0.13	0.16
Sackville	20-Jan-92	40	46	4.9	6.6	0.23	2.9	0.13	0.25
Sackville	27-Feb-92	25	64	5.0	3.9	0.21	0.7	0.19	0.27
Sackville	23-Mar-92	50	62	5.0	4.2	0.22	3.5	0.17	0.28
West	24-Jan-92	55	23	5.1	6.2	0.19	2.4	0.03	0.17
West	27-Feb-92	55	26	4.9	6.4	0.20	4.0	0.02	0.19
West	26-Mar-92	60	25	5.0	5.7	0.20	3.8	0.02	0.17
West	22-Apr-92	55	23	5.1	4.9	0.17	2.8	0.00	0.16
West	27-May-92	65	23	5.3	5.3	0.19	1.2	0.02	0.22
West	26-Jun-92	80	25	5.4	5.7	0.19	1.9	0.03	0.29
West	30-Jul-92	55	24	5.6	6.9	0.16	0.5	0.02	0.18
West	26-Aug-92	55	23	5.5	8.2	0.16	1.0	0.03	0.20
West	25-Sep-92	40	24	5.8	5.2	0.12	1.4	0.01	0.27
West	23-Oct-92	65	31	5.1	9.2	0.30	5.5	0.05	0.26
West	26-Nov-92	85	28	4.8	10.3	0.34	4.3	0.03	0.22
West	17-Dec-92	50	26	5.1	6.7	0.21	4.2	0.03	0.16
Canaan	29-Jan-93	60	25	4.8	8.1	0.35	4.0	0.03	0.21
Canaan	26-Feb-93	65	26	4.6	7.4	0.30	3.6	0.03	0.16
Canaan	31-Mar-93	60	11	4.6	6.7	0.30	4.0	0.03	0.15
Canaan	28-Apr-93	110	25	4.8	5.3	0.28	3.3	0.03	0.15
Canaan	25-May-93	65	21	4.7	6.3	0.26	2.6	0.03	0.17
Canaan	23-Jun-93	45	22	4.8	6.1	0.27	1.4	0.03	0.20
Canaan	16-Jul-93	60	21	4.8	6.2	0.27	1.0	0.02	0.29
Canaan	20-Aug-93	50	20	4.9	9.2	0.26	1.1	0.02	0.16
Canaan	22-Sep-93	50	22	4.8	7.3	0.28	1.6	0.03	0.15
Canaan	26-Oct-93	50	21	4.8	6.0	0.30	1.8	0.02	0.21
Canaan	23-Nov-93	75	25	4.6	8.1	0.38	3.3	0.03	0.22
Canaan	21-Dec-93	80	29	4.5	8.8	0.39	3.8	0.03	0.24
Gold	29-Jan-93	75	31	5.1	8.4	0.22	5.0	0.03	0.18
Gold	25-Feb-93	75	28	5.0	7.3	0.19	4.5	0.04	0.12

Table 2a. Continued.

River	Date	Colour Pt-Co	Cond. μmho/cm	pH	Carbon ppm	Aluminum ppm	Silica ppm	Manganese ppm	Iron ppm
Gold	30-Mar-93	105	29	5.1	5.7	0.18	3.7	0.03	0.07
Gold	26-Apr-93	122	22	5.0	5.3	0.18	2.9	0.03	0.14
Gold	21-May-93	95	27	5.0	7.7	0.24	3.1	0.02	0.21
Gold	23-Jun-93	75	25	5.4	7.9	0.22	2.1	0.03	0.33
Gold	15-Jul-93	100	25	5.2	9.9	0.23	1.9	0.02	0.26
Gold	20-Aug-93	60	23	5.7	8.4	0.20	1.8	0.01	0.19
Gold	22-Sep-93	55	26	5.8	8.4	0.21	2.4	0.02	0.18
Gold	26-Oct-93	95	35	5.1	12.0	0.14	5.3	0.03	0.28
Gold	25-Nov-93	95	27	4.9	11.1	0.28	4.6	0.03	0.24
Gold	21-Dec-93	80	29	4.8	8.5	0.25	4.3	0.03	0.19
Ingram	29-Jan-93	50	25	4.9	7.8	0.27	3.9	0.04	0.13
Ingram	25-Feb-93	50	25	4.9	6.8	0.24	3.7	0.04	0.11
Ingram	29-Mar-93	95	25	4.9	5.3	0.26	3.5	0.03	0.13
Ingram	28-Apr-93	80	22	4.9	4.7	0.21	2.5	0.04	0.09
Ingram	21-May-93	85	20	4.9	4.5	0.23	2.0	0.04	0.14
Ingram	22-Jun-93	35	21	5.2	5.1	0.24	1.7	0.04	0.18
Ingram	14-Jul-93	40	20	5.1	5.3	0.22	1.7	0.04	0.14
Ingram	19-Aug-93	45	19	5.4	6.3	0.25	2.2	0.04	0.14
Ingram	21-Sep-93	40	20	5.1	7.0	0.26	2.8	0.04	0.11
Ingram	26-Oct-93	55	24	4.9	7.7	0.33	3.5	0.04	0.21
Ingram	23-Nov-93	65	24	4.7	6.0	0.32	3.6	0.03	0.17
Ingram	21-Dec-93	70	27	4.7	7.6	0.28	4.0	0.03	0.18
LaHave	27-Jan-93	35	32	5.7	5.7	0.16	1.1	0.05	0.14
LaHave	25-Feb-93	55	35	5.8	5.9	0.16	4.3	0.05	0.13
LaHave	29-Mar-93	50	42	5.9	2.9	0.14	3.6	0.06	0.14
LaHave	26-Apr-93	80	28	5.7	4.3	0.15	3.0	0.03	0.10
LaHave	21-May-93	85	28	5.7	5.1	0.16	2.5	0.05	0.19
LaHave	23-Jun-93	45	29	5.9	5.5	0.21	1.5	0.27	0.83
LaHave	15-Jul-93	60	29	5.8	7.1	0.15	1.8	0.06	0.27
LaHave	20-Aug-93	30	30	6.2	5.6	0.10	2.1	0.03	0.19
LaHave	22-Sep-93	25	31	6.4	4.5	0.06	1.7	0.03	0.26
LaHave	26-Oct-93	35	43	6.1	5.5	0.12	2.9	0.00	0.14
LaHave	25-Nov-93	65	31	5.5	7.4	0.22	4.0	0.02	0.16
LaHave	21-Dec-93	65	29	5.5	7.0	0.20	4.0	0.03	0.18
Middle	29-Jan-93	65	34	5.1	7.3	0.28	6.3	0.04	0.22
Middle	25-Feb-93	70	32	4.8	7.2	0.25	4.7	0.04	0.17
Middle	30-Mar-93	110	28	4.8	5.2	0.24	4.2	0.02	0.14
Middle	26-Apr-93	140	23	4.7	6.1	0.24	3.3	0.02	0.17
Middle	21-May-93	70	26	4.8	7.6	0.23	3.2	0.03	0.20
Middle	22-Jun-93	75	25	5.0	8.2	0.27	3.1	0.03	0.23
Middle	15-Jul-93	115	24	5.0	9.4	0.30	2.8	0.02	0.34
Middle	20-Aug-93	80	24	5.1	9.4	0.33	3.0	0.02	0.21
Middle	22-Sep-93	65	31	5.5	8.4	0.24	4.1	0.05	0.32
Middle	26-Oct-93	90	30	4.9	9.5	0.34	4.9	0.03	0.31
Middle	25-Nov-93	115	31	4.6	12.9	0.41	5.5	0.02	0.28
Middle	21-Dec-93	90	35	4.5	9.7	0.33	4.9	0.03	0.25
Nine Mile	22-Jun-93			4.9					
Nine Mile	15-Jul-93			5.0					
Nine Mile	19-Aug-93			5.0					

Table 2a. Continued.

River	Date	Colour Pt-Co	Cond. μmho/cm	pH	Carbon ppm	Aluminum ppm	Silica ppm	Manganese ppm	Iron ppm
Nine Mile	21-Sep-93			5.1					
Nine Mile	19-Oct-93			4.9					
Nine Mile	23-Nov-93			4.7					
Nine Mile	22-Dec-93			4.7					
Salmon	25-Feb-93	35	24	4.7	3.4	0.36	1.9	0.12	0.20
Salmon	25-Mar-93	70	41	4.3	4.2	0.31	2.9	0.10	0.17
Salmon	27-Apr-93	70	38	4.6	3.5	0.28	2.5	0.08	0.17
Salmon	26-May-93	55	31	4.7	3.4	0.27	1.4	0.08	0.17
Salmon	22-Jun-93	20	37	4.7	3.3	0.23	1.4	0.12	0.18
Salmon	14-Jul-93	25	35	4.7	3.5	0.23	1.7	0.11	0.18
Salmon	19-Aug-93	20	35	4.7	4.2	0.25	1.8	0.11	0.10
Salmon	21-Sep-93	15	34	5.0	3.7	0.22	2.2	0.11	0.19
Salmon	19-Oct-93	35	34	4.8	5.3	0.31	2.7	0.10	0.18
Salmon	23-Nov-93	70	39	4.5	7.6	0.38	3.3	0.11	0.27
Salmon	23-Dec-93	80	42	4.5	7.5	0.37	3.4	0.10	0.29
Sackville	21-May-93			5.3					
Sackville	22-Jun-93			5.1					
Sackville	14-Jul-93			5.1					
Sackville	19-Aug-93			5.0					
Sackville	21-Sep-93			4.7					
Sackville	19-Oct-93			4.7					
Sackville	23-Nov-93			4.7					
Sackville	28-Dec-93			4.7					
West	27-Jan-93	60	28	4.9	8.7	0.22	4.0	0.03	0.14
West	25-Feb-93	75	27	4.8	7.7	0.23	4.1	0.03	0.15
West	29-Mar-93	110	25	5.0	5.7	0.22	3.6	0.03	0.12
West	26-Apr-93	120	25	5.3	6.3	0.19	2.7	0.02	0.16
West	21-May-93	80	22	4.9	5.6	0.22	2.0	0.02	0.20
West	23-Jun-93	80	23	5.3	7.0	0.23	1.6	0.03	0.29
West	15-Jul-93	95	22	5.8	7.7	0.21	1.3	0.03	0.31
West	20-Aug-93	35	23	5.5	5.8	0.14	1.4	0.02	0.19
West	22-Sep-93	55	25	5.7	5.6	0.13	1.7	0.02	0.24
West	26-Oct-93	75	34	4.9	10.5	0.33	5.3	0.04	0.25
West	25-Nov-93	85	27	4.8	9.9	0.29	4.1	0.03	0.21
West	21-Dec-93	90	26	4.7	8.5	0.25	3.7	0.02	0.20
Canaan	20-Jan-94	70	33	4.5	9.9	0.38	3.8	0.03	0.22
Canaan	24-Feb-94	60	39	4.4	8.3	0.34	3.8	0.03	0.16
Canaan	24-Mar-94	45	27	4.6	7.4	0.24	2.5	0.02	0.13
Canaan	25-Apr-94	55	26	4.6	7.9	0.26	2.9	0.02	0.18
Canaan	20-May-94	55	25	4.6	7.7	0.27	2.2	0.01	0.15
Canaan	23-Jun-94	45	24	4.7	8.0	0.28	1.5	0.02	0.20
Canaan	26-Jul-94	35	22	4.9	6.2	0.22	0.8	0.02	0.16
Canaan	24-Aug-94	50	26	4.8	8.8	0.28	2.9	0.02	0.10
Canaan	16-Sep-94	40	24	5.0	6.7	0.21	1.2	0.01	0.12
Canaan	27-Oct-94	45	26	4.8	7.5	0.22	2.6	0.03	0.17
Canaan	23-Nov-94	120	63	4.7	18.5	0.42	3.6	0.17	0.51
Canaan	16-Dec-94	55	28	4.7	7.5	0.35	3.2	0.03	0.19
Gold	19-Jan-94	45	44	4.7	8.1	0.18	3.9	0.04	0.15
Gold	24-Feb-94	60	37	4.9	8.0	0.18	4.9	0.03	0.16

Table 2a. Continued.

River	Date	Colour Pt-Co	Cond. μmho/cm	pH	Carbon ppm	Aluminum ppm	Silica ppm	Manganese ppm	Iron ppm
Gold	24-Mar-94	45	24	4.9	6.4	0.15	2.6	0.02	0.09
Gold	22-Apr-94	65	23	5.0	8.5	0.18	2.2	0.02	0.14
Gold	20-May-94	75	21	5.1	9.5	0.19	2.1	0.02	0.16
Gold	21-Jun-94	60	24	5.6	8.9	0.23	1.9	0.02	0.27
Gold	26-Jul-94	45	26	5.6	8.3	0.13	0.4	0.00	0.20
Gold	23-Aug-94	50	27	5.8	8.7	0.12	1.5	0.01	0.18
Gold	21-Sep-94	30	30	6.1	7.1	0.08	1.4	0.00	0.10
Gold	26-Oct-94	70	40	5.5	13.1	0.19	4.8	0.07	0.32
Gold	22-Nov-94	80	33	4.8	14.4	0.31	4.5	0.02	0.25
Gold	16-Dec-94	75	31	5.0	10.6	0.26	4.5	0.03	0.20
Ingram	19-Jan-94	55	28	4.7	8.8	0.28	4.0	0.03	0.18
Ingram	23-Feb-94	55	33	4.7	7.8	0.28	4.0	0.04	0.14
Ingram	25-Mar-94	40	26	4.7	6.9	0.23	2.5	0.03	0.15
Ingram	22-Apr-94	40	23	4.8	6.8	0.19	2.2	0.03	0.12
Ingram	19-May-94	45	23	4.8	7.3	0.23	1.9	0.03	0.13
Ingram	21-Jun-94	30	21	5.1	5.8	0.22	1.9	0.03	0.18
Ingram	26-Jul-94	25	22	5.4	5.3	0.17	1.3	0.02	0.16
Ingram	18-Aug-94	20	22	5.5	4.8	0.14	0.9	0.01	0.05
Ingram	19-Sep-94	20	22	5.5	5.0	0.14	1.5	0.01	0.09
Ingram	26-Oct-94	30	25	5.4	7.1	0.18	2.3	0.02	0.19
Ingram	22-Nov-94	95	39	4.9	16.8	0.36	4.8	0.03	0.30
Ingram	15-Dec-94	50	29	4.8	8.9	0.31	3.4	0.03	0.17
LaHave	19-Jan-94	30	51	5.6	6.0	0.12	3.3	0.05	0.16
LaHave	24-Feb-94	30	45	5.6	6.5	0.15	4.6	0.04	0.18
LaHave	25-Mar-94	30	29	5.4	5.7	0.14	2.9	0.04	0.10
LaHave	22-Apr-94	40	27	5.6	6.9	0.15	2.1	0.04	0.14
LaHave	20-May-94	50	26	5.6	7.5	0.17	2.0	0.04	0.19
LaHave	21-Jun-94	40	27	6.1	7.5	0.20	1.8	0.04	0.24
LaHave	28-Jul-94	30	27	6.0	6.0	0.10	0.8	0.04	0.23
LaHave	25-Aug-94	20	32	5.9	5.4	0.06	1.4	0.02	0.17
LaHave	21-Sep-94	15	32	6.1	4.9	0.04	1.3	0.03	0.17
LaHave	26-Oct-94	15	42	6.1	6.0	0.06	2.0	0.03	0.20
LaHave	24-Nov-94	45	28	5.2	8.7	0.15	1.0	0.05	0.50
LaHave	16-Dec-94	50	35	5.5	7.9	0.20	3.6	0.04	0.18
Middle	19-Jan-94	55	41	4.5	8.8	0.26	4.6	0.03	0.18
Middle	25-Feb-94	50	49	4.8	7.6	0.27	5.3	0.04	0.20
Middle	25-Mar-94	50	27	4.7	7.3	0.18	2.5	0.02	0.10
Middle	22-Apr-94	65	27	4.7	8.7	0.21	2.8	0.02	0.16
Middle	19-May-94	90	28	4.8	9.9	0.27	2.7	0.04	0.41
Middle	23-Jun-94	65	24	5.1	8.3	0.28	1.8	0.02	0.31
Middle	26-Jul-94	60	27	5.6	7.8	0.21	1.8	0.02	0.30
Middle	23-Aug-94	55	33	5.9	8.0	0.19	3.2	0.02	0.30
Middle	21-Sep-94	35	31	5.7	6.4	0.13	2.1	0.01	0.17
Middle	26-Oct-94	50	34	5.3	8.4	0.19	2.8	0.04	0.28
Middle	22-Nov-94	60	41	5.6	11.3	0.23	4.1	0.05	0.27
Middle	16-Dec-94	90	35	4.7	11.9	0.37	5.3	0.03	0.24
Nine Mile	20-Jan-94			4.7					
Nine Mile	24-Feb-94			4.9					
Nine Mile	16-Mar-94			4.7					

Table 2a. Continued.

River	Date	Colour Pt-Co	Cond. μmho/cm	pH	Carbon ppm	Aluminum ppm	Silica ppm	Manganese ppm	Iron ppm
Nine Mile	22-Apr-94			4.8					
Nine Mile	19-May-94			4.9					
Nine Mile	22-Jun-94			5.1					
Nine Mile	26-Jul-94			5.1					
Nine Mile	23-Aug-94	20	48	5.2	4.5	0.15	0.6	0.05	0.12
Nine Mile	19-Sep-94	20	46	5.2	4.9	0.15	0.8	0.07	0.15
Nine Mile	25-Oct-94	30	49	5.1	6.4	0.19	1.9	0.07	0.25
Nine Mile	22-Nov-94	100	39	4.6	17.0	0.42	4.9	0.03	0.31
Nine Mile	16-Dec-94	50	54	4.7	7.0	0.31	2.8	0.06	0.21
Salmon	20-Jan-94	50	54	4.4	7.0	0.34	3.3	0.10	0.23
Salmon	23-Feb-94	45	52	4.4	6.7	0.34	3.3	0.08	0.19
Salmon	16-Mar-94	35	42	4.5	5.8	0.24	2.2	0.06	0.18
Salmon	26-Apr-94	40	37	4.5	5.9	0.23	1.9	0.06	0.17
Salmon	19-May-94	45	37	4.6	5.5	0.24	1.8	0.06	0.18
Salmon	22-Jun-94	20	34	5.0	4.8	0.23	1.4	0.06	0.17
Salmon	25-Jul-94	15	34	4.9	3.8	0.18	0.9	0.08	0.16
Salmon	22-Aug-94	10	36	4.9	3.5	0.15	0.9	0.09	0.07
Salmon	19-Sep-94	15	36	5.1	3.8	0.15	1.5	0.07	0.13
Salmon	25-Oct-94	20	38	5.3	4.5	0.15	1.7	0.06	0.22
Salmon	22-Nov-94	45	54	4.8	8.2	0.28	2.3	0.06	0.29
Salmon	15-Dec-94	45	45	4.6	6.9	0.37	2.9	0.10	0.26
Sackville	23-Feb-94			4.8					
Sackville	16-Mar-94			5.9					
Sackville	22-Apr-94			5.1					
Sackville	19-May-94			5.0					
Sackville	22-Jun-94			5.1					
Sackville	25-Jul-94			5.3					
Sackville	23-Aug-94	75	46	5.6	10.8	0.20	1.3	0.01	0.67
Sackville	19-Sep-94	25	80	5.2	7.4	0.14	1.7	0.02	0.19
Sackville	25-Oct-94	50	90	5.0	11.8	0.30	2.8	0.21	0.35
Sackville	22-Nov-94	50	29	4.9	10.0	0.32	2.8	0.03	0.21
Sackville	15-Dec-94	65	57	4.8	9.0	0.30	3.3	0.14	0.29
West	19-Jan-94	55	29	4.8	8.9	0.20	3.5	0.02	0.17
West	22-Feb-94	75	29	4.7	9.7	0.20	4.1	0.02	0.18
West	25-Mar-94	50	24	4.8	7.6	0.17	4.9	0.02	0.12
West	22-Apr-94	65	23	4.9	8.9	0.17	1.9	0.02	0.15
West	20-May-94	80	21	5.0	9.4	0.20	1.5	0.02	0.18
West	24-Jun-94	80	21	5.4	11.1	0.34	2.2	0.03	0.30
West	28-Jul-94	60	22	5.3	8.2	0.18	0.5	0.02	0.28
West	25-Aug-94	50	28	5.9	7.8	0.16	2.7	0.02	0.17
West	21-Sep-94	45	25	5.4	8.5	0.21	2.3	0.02	0.16
West	26-Oct-94	60	32	5.1	11.6	0.23	5.5	0.03	0.26
West	24-Nov-94	145	38	4.5	20.3	0.33	2.8	0.00	0.31

Table 2b. Chemical analyses done at the Environment Canada Water Quality Laboratory in Moncton, N.B., and (June 1983-March 1984) at the Environmental Chemistry Laboratory in Halifax, N.S. The water samples were stored at 4°C for 2-6 weeks.

River	Date	Cl ⁻	SO ₄ ⁼	NO ₃ ⁻	F ⁻	Alk.	Gran	Na ⁺	K ⁺	Ca ⁺⁺	Mg ⁺⁺	NH ₄ ⁺
		μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L
Gold	20-Jan-81	130	0	0	0	-4	122	3	60	49		
Gold	16-Feb-81	124	0	0		-11	109	8	44	38		
Gold	17-Mar-81	118	0	0		-7	113	8	45	39		
Gold	23-Apr-81	104	0	0		4	104	8	42	35		
Gold	15-May-81	96	0	0		5	113	5	49	36		
Ingram	20-Jan-81	85	0	0		-10	113	8	43	36		
Ingram	16-Feb-81	99	0			-17	104	8	38	32		
Ingram	17-Mar-81	104	0	0		-15	109	13	35	28		
Ingram	23-Apr-81	96	0	0		-4	100	10	34	27		
Ingram	15-May-81	121	0	0		-6	144	8	40	30		
Ingram	19-Jun-81	87	0	0		-7	113	8	39	25		
Ingram	31-Aug-81	96	0	0			113	8	43	27		
Ingram	24-Sep-81	90	0	0			126	8	60	36		
Ingram	27-Oct-81	85	0	0			104	10	47	34		
Ingram	23-Nov-81	76	0	0			100	8	44	32		
Ingram	08-Dec-81	82	0	0			100	5	41	27		
LaHave	19-Jun-81	99	0	0	30	32	117	5	69	41		
LaHave	28-Aug-81	118	0	0	40		126	5	89	57		
LaHave	25-Sep-81	166	0	0	56		165	15	155	99		
LaHave	27-Oct-81	127	0	0	32		126	13	75	72		
LaHave	25-Nov-81	87	0	0	12		104	8	75	48		
LaHave	11-Dec-81	93	0	0	16		109	5	70	46		
Middle	19-Jun-81	133	0	3		-1	139	5	43	33		
Middle	31-Aug-81	147	0	3	14		157	10	65	44		
Middle	25-Sep-81	158	0	4	10		191	10	95	66		
Middle	27-Oct-81	135	0	3			148	15	60	53		
Middle	23-Nov-81	87	0	3			109	8	40	35		
Middle	11-Dec-81	93	0	0			113	5	41	33		
Nine Mile	19-Jun-81	257	0	0		-14	248	5	62	39		
Nine Mile	31-Aug-81	248	0	0			257	10	70	41		
Nine Mile	24-Sep-81	234	0	0			265	10	95	49		
Nine Mile	28-Oct-81	217	0	0			218	10	65	47		
Nine Mile	23-Nov-81	197	0	0			222	13	65	45		
Nine Mile	08-Dec-81	169	0	0			200	8	65	42		
Salmon	28-Aug-81	99	0	0			109	10	58	37		
Salmon	25-Sep-81	93	0	0			113	5	65	39		
Salmon	29-Oct-81	85	0	0			100	10	55	42		
Salmon	25-Nov-81	107	0	0			113	8	70	47		
Salmon	08-Dec-81	93	0	0			109	5	60	40		
Sackville	20-Jan-81	254	0	0		15	231	5	105	58		
Sackville	16-Feb-81	197	0			-20	191	8	75	41		
Sackville	17-Mar-81	310	0	0		-3	305	13	105	53		
Sackville	22-Apr-81	310	0	0		0	270	10	105	51		
Sackville	15-May-81	319	0	0		-4	305	10	110	53		
Sackville	28-Aug-81	321	0	0			291	13	125	65		
Sackville	24-Sep-81	299	0	0			331	15	210	99		
Sackville	27-Oct-81	226	0	0			209	15	125	67		

Table 2b. Continued.

River	Date	Cl^-	SO_4^{2-}	NO_3^-	Fl^-	Alk.	Gran	Na^+	K^+	Ca^{++}	Mg^{++}	NH_4^+
		$\mu\text{eq/L}$	$\mu\text{eq/L}$	$\mu\text{eq/L}$	$\mu\text{eq/L}$	$\mu\text{eq/L}$	$\mu\text{eq/L}$	$\mu\text{eq/L}$	$\mu\text{eq/L}$	$\mu\text{eq/L}$	$\mu\text{eq/L}$	$\mu\text{eq/L}$
Sackville	23-Nov-81	104		0	0			113	10	75	37	
Sackville	08-Dec-81	113		0	0			126	8	75	37	
West	28-Aug-81	104		0	0			122	5	48	35	
West	25-Sep-81	99		0	0			122	8	65	44	
West	27-Oct-81	96		0	0			104	8	45	42	
West	25-Nov-81	79		0	0			100	5	44	35	
West	11-Dec-81	93		0	0			96	5	43	31	
Gold	29-Jun-82	121	104	0		16		131	10	50	39	2
Gold	29-Jul-82	152	50	0		24		117	9	70	49	1
Gold	30-Aug-82	118	46	0		26		126	5	55	43	1
Gold	29-Sep-82	147	71	0		30		144	8	80	57	0
Gold	27-Oct-82	138	58	0		42		139	6	75	55	0
Gold	19-Nov-82	178	75	0		16		152	11	90	66	0
Gold	29-Dec-82	155	67	1		6		139	6	65	52	0
Ingram	26-Jan-82	93		0	0			104	5	37	31	
Ingram	17-Feb-82	99		0	0		-16	109	5	38	31	
Ingram	24-Mar-82	104		0	0		-14	104	8	37	30	
Ingram	23-Apr-82	96		0	0		-10	91	13	33	27	
Ingram	29-Jun-82	93	85	2		6		117	12	41	29	4
Ingram	29-Jul-82	423	85	0		0		457	12	75	44	0
Ingram	30-Aug-82	99	67	4		4		109	6	37	28	1
Ingram	29-Sep-82	96	75	0		10		113	8	43	30	0
Ingram	27-Oct-82	96	67	0		14		109	6	41	30	1
Ingram	11-Nov-82	110	73	0		8		139	4	48	35	0
Ingram	19-Nov-82	102	75	0		4		117	7	46	33	0
Ingram	29-Dec-82	113	85	0		0		113	8	55	40	1
LaHave	29-Jan-82	130		0	0			126	5	80	55	
LaHave	18-Feb-82	141		0	0		25	139	5	75	54	
LaHave	24-Mar-82	155		0	0		14	135	8	70	53	
LaHave	21-Apr-82	135		0	0		14	122	10	64	42	
LaHave	26-May-82	144	69	3		40		131	17	85	54	1
LaHave	29-Jun-82	118	96	2		30		122	13	70	48	1
LaHave	29-Jul-82	121	73	2		36		131	10	80	55	1
LaHave	30-Aug-82	121	64	4		28		126	7	70	50	0
LaHave	30-Sep-82	127	81	1		36		135	8	75	53	0
LaHave	27-Oct-82	130	79	0		40		131	6	80	54	0
LaHave	19-Nov-82	169	104	0		48		152	11	110	73	0
LaHave	21-Dec-82	178	100	2		28		157	11	105	73	0
Middle	27-Jan-82	130		0	0			144	5	42	37	
Middle	17-Feb-82	161		0	3		-10	161	5	45	38	
Middle	24-Mar-82	161		0	3		-12	148	5	41	37	
Middle	23-Apr-82	133		0	3		-14	126	10	33	33	
Middle	26-May-82	172	69	0		16		165	15	55	42	2
Middle	29-Jun-82	135	104	1		10		148	12	43	35	2
Middle	29-Jul-82	268	85	1		40		270	12	100	66	1
Middle	30-Aug-82	149	67	0		12		157	6	50	40	0
Middle	29-Sep-82	141	64	0		16		148	7	50	40	0
Middle	27-Oct-82	172	77	0		34		170	6	75	55	0
Middle	19-Nov-82	155	67	0		4		135	8	55	49	0

Table 2b. Continued.

River	Date	Cl ⁻	SO ₄ ⁼	NO ₃ ⁻	F ⁻	Alk.	Gran	Na ⁺	K ⁺	Ca ⁺⁺	Mg ⁺⁺	NH ₄ ⁺
		μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L
Middle	29-Dec-82	166	77	1		0		161	7	50	49	1
Nine Mile	25-Jan-82	381		0	0			357	8	75	45	
Nine Mile	17-Feb-82	296		0	0		-19	287	8	75	47	
Nine Mile	22-Mar-82	262		0	0		-18	239	8	65	41	
Nine Mile	23-Apr-82	245		0	0		-16	239	15	75	41	
Nine Mile	23-May-82	282	106	1		0		257	18	70	42	1
Nine Mile	30-Jun-82	271	102	2		0		261	13	65	44	1
Nine Mile	30-Jul-82	237	100	1		0		231	12	65	40	0
Nine Mile	31-Aug-82	282	98	1		0		278	25	60	41	5
Nine Mile	29-Sep-82	254	102	0		0		252	8	70	42	0
Nine Mile	27-Oct-82	271	100	0		10		257	8	70	44	0
Nine Mile	18-Nov-82	237	104	0		0		231	9	70	45	0
Nine Mile	17-Dec-82	446	121	6		8		426	16	120	57	0
Salmon	26-Jan-82	107		0	0			113	5	47	38	
Salmon	17-Feb-82	104		0	0		-28	109	3	47	36	
Salmon	22-Mar-82	107		0	0		-20	100	5	45	33	
Salmon	22-Apr-82	102		0	0		-20	100	8	45	32	
Salmon	27-May-82	110	92	0		0		109	12	55	38	0
Salmon	30-Jun-82	107	92	1		0		117	10	49	35	2
Salmon	30-Jul-82	102	98	0		0		104	9	47	34	0
Salmon	31-Aug-82	110	129	0		0		113	9	70	42	1
Salmon	28-Sep-82	102	129	0		0		113	6	70	42	0
Salmon	22-Oct-82	113	123	0		2		117	6	80	44	0
Salmon	19-Nov-82	110	129	0		0		113	6	75	49	0
Salmon	17-Dec-82	118	150	0		0		117	8	100	48	0
Sackville	25-Jan-82	640		0	0			783	8	130	61	
Sackville	19-Feb-82	310		0	0		-4	296	5	110	56	
Sackville	23-Mar-82	324		0	0		-6	274	8	95	47	
Sackville	22-Apr-82	203		0	0		-6	196	13	71	34	
Sackville	25-May-82	276	89	0		12		257	16	95	48	2
Sackville	30-Jun-82	274	112	1		14		265	10	110	58	2
Sackville	19-Aug-82	209	127	0		0		213	5	115	57	1
Sackville	30-Sep-82	271	173	0		0		252	9	145	72	0
Sackville	26-Oct-82	333	173	0		20		287	11	165	82	0
Sackville	18-Nov-82	350	185	4		0		287	19	180	99	1
Sackville	22-Dec-82	265	123	4		0		235	8	110	60	1
West	29-Jan-82	107		0	0			109	8	45	38	
West	18-Feb-82	130		0	0		-16	122	3	50	41	
West	22-Mar-82	127		0	0		-12	117	5	42	37	
West	21-Apr-82	124		0	0		-8	113	10	37	30	
West	26-May-82	127	48	0		12		113	13	40	32	2
West	29-Jun-82	110	104	1		12		122	9	42	34	3
West	29-Jul-82	116	50	0		12		117	7	45	37	0
West	30-Aug-82	118	37	0		10		117	3	43	35	1
West	29-Sep-82	121	52	0		14		122	6	45	35	0
West	27-Oct-82	124	48	0		20		122	5	49	39	0
West	19-Nov-82	138	60	0		4		126	6	55	44	0
West	21-Dec-82	138	64	0		0		126	6	55	44	0
Canaan	24-Nov-83	107	54	0		0		109	7	24	30	0

Table 2b. Continued.

River	Date	Cl ⁻ μeq/L	SO ₄ ⁼ μeq/L	NO ₃ ⁻ μeq/L	F ⁻ μeq/L	Alk. μeq/L	Gran μeq/L	Na ⁺ μeq/L	K ⁺ μeq/L	Ca ⁺⁺ μeq/L	Mg ⁺⁺ μeq/L	NH ₄ ⁺ μeq/L
Canaan	13-Dec-83	113	50	0	0	109	8	25	30	0		
Gold	29-Jan-83	152	60	0	6	135	6	64	50	0		
Gold	26-Mar-83	116	58	0	0	100	10	41	35	0		
Gold	19-Apr-83	118	60	0	6	96	8	48	35	1		
Gold	30-May-83	99	42	0	0	104	5	43	34	0		
Gold	28-Jun-83	104	40	0	22	113	6	47	38	0		
Gold	28-Jul-83	113	62	0	32	131	8	70	53	0		
Gold	26-Aug-83	130	6	2	36	139	6	64	50	0		
Gold	23-Sep-83	118	52	0	8	122	6	59	45	1		
Gold	27-Oct-83	138	52	0	22	139	7	72	55	0		
Gold	23-Nov-83	127	58	0	0	117	8	58	48	0		
Gold	13-Dec-83	147	62	0	0	126	6	62	50	0		
Ingram	28-Jan-83	110	73	1	0	117	7	45	35	0		
Ingram	21-Feb-83	195	75	0	0	200	9	50	38	0		
Ingram	25-Mar-83	107	69	0	0	104	7	34	27	0		
Ingram	19-Apr-83	133	71	0	0	109	8	36	27	0		
Ingram	31-May-83	87	58	0	0	96	6	31	24	0		
Ingram	28-Jun-83	90	62	0	10	109	7	37	27	0		
Ingram	27-Jul-83	96	73	0	0	113	8	40	29	0		
Ingram	26-Aug-83	96	64	1	6	104	6	37	26	0		
Ingram	23-Sep-83	87	56	0	0	113	8	38	28	1		
Ingram	23-Nov-83	104	62	0	0	109	6	44	33	0		
Ingram	13-Dec-83	110	58	0	0	109	6	44	32	0		
LaHave	28-Jan-83	158	87	1	24	144	8	87	62	0		
LaHave	22-Feb-83	161	92	0	32	152	8	91	63	0		
LaHave	26-Mar-83	130	81	0	20	117	7	69	48	0		
LaHave	19-Apr-83	124	81	1	26	104	8	68	47	1		
LaHave	30-May-83	104	64	0	20	113	6	61	41	0		
LaHave	28-Jun-83	118	62	0	38	131	7	69	48	0		
LaHave	28-Jul-83	116	83	0	34	131	9	77	53	0		
LaHave	26-Aug-83	121	83	0	32	126	8	75	54	0		
LaHave	23-Sep-83	118	98	0	36	131	9	92	62	1		
LaHave	27-Oct-83	135	98	0	44	148	9	97	67	0		
LaHave	23-Nov-83	178	96	0	24	139	33	103	73	0		
LaHave	13-Dec-83	164	85	1	20	139	7	94	66	1		
Middle	28-Jan-83	155	67	0	0	148	6	43	44	0		
Middle	22-Feb-83	175	71	0	0	170	8	52	48	0		
Middle	26-Mar-83	127	60	0	0	104	7	32	31	0		
Middle	19-Apr-83	133	64	0	0	109	8	36	32	1		
Middle	30-May-83	121	52	0	0	131	6	37	32	0		
Middle	28-Jun-83	147	62	0	14	152	7	56	40	0		
Middle	28-Jul-83	133	64	0	6	139	9	45	37	0		
Middle	26-Aug-83	155	71	0	20	152	8	62	44	0		
Middle	23-Sep-83	121	50	0	0	131	8	42	36	1		
Middle	29-Oct-83	138	62	0	4	139	7	48	42	0		
Middle	23-Nov-83	141	60	0	0	135	8	47	44	0		
Middle	13-Dec-83	149	58	0	0	139	6	42	41	0		
Nine Mile	26-Jan-83	262	102	3	0	252	8	66	46	2		
Nine Mile	21-Feb-83	290	106	0	0	274	9	73	52	0		

Table 2b. Continued.

River	Date	Cl ⁻ μeq/L	SO ₄ ⁼ μeq/L	NO ₃ ⁻ μeq/L	Fl ⁻ μeq/L	Alk. μeq/L	Gran μeq/L	Na ⁺ μeq/L	K ⁺ μeq/L	Ca ⁺⁺ μeq/L	Mg ⁺⁺ μeq/L	NH ₄ ⁺ μeq/L
Nine Mile	24-Mar-83	296	106	1		0		248	45	62	44	0
Nine Mile	19-Apr-83	245	98	0		0		191	9	60	41	0
Nine Mile	31-May-83	248	102	0		0		239	9	66	41	0
Nine Mile	28-Jun-83	268	108	0		0		274	7	71	44	4
Nine Mile	29-Jul-83	248	102	0		0		248	10	71	44	0
Nine Mile	24-Aug-83	251	106	0		0		244	8	63	43	0
Nine Mile	21-Sep-83	220	92	0		0		231	9	61	42	0
Nine Mile	26-Oct-83	226	100	0		0		200	9	68	46	0
Nine Mile	23-Nov-83	217	96	0		0		209	8	59	44	0
Nine Mile	13-Dec-83	228	96	0		0		218	9	63	45	0
Salmon	20-Jan-83	118	164	3		0		117	10	112	53	1
Salmon	16-Feb-83	118	162	0		0		122	6	105	53	0
Salmon	30-Mar-83	110	177	3		0		104	8	112	45	1
Salmon	20-Apr-83	135	160	0		0		87	35	100	42	0
Salmon	31-May-83	96	187	0		0		104	6	116	43	0
Salmon	28-Jun-83	99	185	0		0		113	6	122	42	0
Salmon	27-Jul-83	102	162	0		0		113	7	110	41	0
Salmon	25-Aug-83	96	187	0		0		104	6	121	39	0
Salmon	21-Sep-83	99	166	0		0		117	8	116	39	0
Salmon	26-Oct-83	113	177	0		0		117	6	120	44	0
Salmon	24-Nov-83	113	175	0		0		109	7	127	45	0
Salmon	16-Dec-83	133	137	0		0		113	6	99	45	0
Sackville	28-Jan-83	282	114	2		0		235	7	110	56	0
Sackville	21-Feb-83	319	127	0		0		274	9	125	66	0
Sackville	25-Mar-83	175	98	0		0		165	8	66	35	0
Sackville	19-Apr-83	166	98	0		0		126	9	67	35	1
Sackville	31-May-83	178	85	0		0		183	4	84	42	0
Sackville	29-Jun-83	254	87	0		12		252	7	95	51	0
Sackville	27-Jul-83	240	248	1		0		244	10	198	96	0
Sackville	24-Aug-83	240	196	1		8		235	6	167	77	1
Sackville	21-Sep-83	152	133	0		0		161	9	119	60	3
Sackville	26-Oct-83	265	119	0		0		235	20	131	67	0
Sackville	24-Nov-83	189	127	0		0		165	6	100	53	0
Sackville	14-Dec-83	276	102	0		0		196	51	98	56	0
West	28-Jan-83	133	62	0		2		122	4	49	43	0
West	22-Feb-83	135	62	0		4		135	5	50	44	0
West	26-Mar-83	113	58	0		0		109	6	38	34	0
West	30-May-83	93	42	0		4		100	4	41	30	0
West	28-Jun-83	104	37	0		8		113	6	41	33	0
West	28-Jul-83	104	69	0		6		117	6	41	35	0
West	26-Aug-83	113	62	0		10		117	4	42	35	0
West	23-Sep-83	99	50	0		6		113	6	46	37	1
West	27-Oct-83	124	58	0		16		126	7	55	45	0
West	23-Nov-83	124	58	0		0		117	10	49	42	0
West	13-Dec-83	158	52	0		0		126	21	53	45	0
Canaan	05-Jan-84	118	64	0		0		113	7	25	31	0
Canaan	24-Jan-84	124	73	0		0		117	6	26	34	0
Canaan	14-Feb-84	118	60	0		0		117	4	22	28	0
Canaan	28-Mar-84	113	60	0		0		104	6	22	26	0

Table 2b. Continued.

River	Date	Cl ⁻ μeq/L	SO ₄ ²⁻ μeq/L	NO ₃ ⁻ μeq/L	Fl ⁻ μeq/L	Alk. μeq/L	Gran μeq/L	Na ⁺ μeq/L	K ⁺ μeq/L	Ca ⁺⁺ μeq/L	Mg ⁺⁺ μeq/L	NH ₄ ⁺ μeq/L
Canaan	30-Apr-84	99	67	0		-18	96	10	25	26		
Canaan	29-May-84	85	58	0		-16	87	5	20	25		
Canaan	25-Jun-84	93	52	0		-12	104	8	17	25		
Canaan	16-Jul-84	96	58	0		-8	96	8	18	23		
Canaan	30-Aug-84	85	58	0		-10	104	8	20	23		
Canaan	28-Sep-84	96	50	1		-10	148	8	21	24		
Canaan	25-Oct-84	99	54	1		-8	104	8	21	25		
Canaan	22-Nov-84	99	52	0		-8	109	8	21	25		
Canaan	13-Dec-84	102	48	4		-16	109	9	23	26		
Gold	23-Jan-84	226	69	0	0		135	78	62	53	0	
Gold	22-Feb-84	141	60	0	0		126	5	48	39	1	
Gold	27-Mar-84	133	62	0	0		113	6	41	35	0	
Gold	27-Apr-84	116	46	0		6	113	8	45	35		
Gold	30-May-84	102	46	0		14	96	5	47	35		
Gold	28-Jun-84	113	27	0		14	131	5	55	44		
Gold	17-Jul-84	107	40	0		24	126	5	50	38		
Gold	29-Aug-84	121	54	0		30	157	9	65	52		
Gold	26-Sep-84	133	52	0		38	161	8	70	53		
Gold	25-Oct-84	144	56	0	42		157	9	75	54		
Gold	21-Nov-84	166	37	0		32	165	10	85	62		
Gold	18-Dec-84	164	62	0		6	157	10	75	58		
Ingram	24-Jan-84	107	75	0	0		113	6	41	34	0	
Ingram	27-Mar-84	102	67	0	0		96	6	30	25	0	
Ingram	30-Apr-84	90	62	0		-10	87	8	35	28		
Ingram	29-May-84	82	62	0		-4	87	8	35	28		
Ingram	28-Jun-84	93	58	0		-2	109	5	35	30		
Ingram	17-Jul-84	93	62	0		6	109	8	32	26		
Ingram	30-Aug-84	87	69	0		2	109	6	37	27		
Ingram	26-Sep-84	96	62	0		4	117	9	42	29		
Ingram	26-Oct-84	96	62	0		8	117	8	43	30		
Ingram	22-Nov-84	99	60	0		8	113	8	43	30		
Ingram	17-Dec-84	118	54	0		2	131	9	48	34		
LaHave	23-Jan-84	192	102	3	22		152	35	94	70	0	
LaHave	22-Feb-84	149	83	0	18		135	6	75	54	0	
LaHave	27-Mar-84	135	79	0	12		122	7	64	45	0	
LaHave	26-Apr-84	127		0		24	122	8	75	50		
LaHave	28-May-84	113	58	0		32	113	8	70	45		
LaHave	27-Jun-84	118	69	4	38		144	8	80	53		
LaHave	17-Jul-84	102	44	0		34	126	8	60	41		
LaHave	29-Aug-84	116	85	0	38		139	10	85	54		
LaHave	26-Sep-84	113	58	0		38	144	9	80	51		
LaHave	25-Oct-84	124	58	1	38		144	10	85	56		
LaHave	21-Nov-84	149	42	1	40		152	12	95	63		
Middle	23-Jan-84	169	75	0	0		157	6	48	47	0	
Middle	22-Feb-84	155	69	0	0		148	5	37	35	0	
Middle	27-Mar-84	149	67	0	0		135	6	34	32	0	
Middle	27-Apr-84	135	50	0		-6	126	8	40	33		
Middle	30-May-84	138	62	0		6	135	8	47	35		
Middle	28-Jun-84	149	58	0		14	157	6	55	44		

Table 2b. Continued.

River	Date	Cl ⁻	SO ₄ ⁼	NO ₃ ⁻	Fl ⁻	Alk.	Gran	Na ⁺	K ⁺	Ca ⁺⁺	Mg ⁺⁺	NH ₄ ⁺
		μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L
Middle	17-Jul-84	147	62	0			26	157	6	60	39	
Middle	29-Aug-84	147	64	0			16	161	9	60	40	
Middle	26-Sep-84	147	52	0			18	161	10	55	39	
Middle	25-Oct-84	212	85	1			42	204	15	95	66	
Middle	21-Nov-84	166	64	0			22	174	10	65	48	
Middle	18-Dec-84	158	73	2			-10	157	10	55	49	
Nine Mile	27-Jan-84	324	116	3	0			244	70	68	50	0
Nine Mile	16-Feb-84	344	119	0	0			313	9	79	47	0
Nine Mile	28-Mar-84	231	92	0	0			213	7	55	39	0
Nine Mile	28-Apr-84	228		0			-14	204	8	57	40	
Nine Mile	29-May-84	209	81	0			-10	209	8	55	39	
Nine Mile	28-Jun-84	209	96	5			2	209	8	55	38	
Nine Mile	19-Jul-84	243		1			26	270	13	75	39	
Nine Mile	28-Aug-84	212	96	5			36	239	14	80	37	
Nine Mile	25-Sep-84	251	104	21			44	296	18	110	46	
Nine Mile	24-Oct-84	279	125	19	54			305	20	125	54	
Nine Mile	17-Dec-84	268	116	2			-10	235	11	65	45	
Salmon	25-Jan-84	130	235	4	0			126	6	142	60	1
Salmon	16-Feb-84	113	206	4	0			109	5	112	47	0
Salmon	28-Mar-84	118	148	0	0			104	5	103	44	0
Salmon	30-Apr-84	107		0			-28	100	8	112	48	
Salmon	29-May-84	96		0			-30	83	5	112	45	
Salmon	29-Jun-84	118		0			-22	117	5	90	41	
Salmon	19-Jul-84	121		0			-22	117	5	90	41	
Salmon	28-Aug-84	102		0			-22	131	6	75	39	
Salmon	25-Sep-84	130		0			-18	117	8	105	44	
Salmon	24-Oct-84	138		1			-14	139	8	115	46	
Salmon	23-Nov-84	121		1			-12	122	8	115	48	
Salmon	17-Dec-84	121		2			-24	117	9	145	53	
Sackville	21-Feb-84	217	102	0	0			200	6	75	40	0
Sackville	29-Mar-84	243	106	0	0			218	7	85	44	0
Sackville	27-Apr-84	166	94	0			4	165	8	77	39	
Sackville	29-May-84	189	89	0			8	191	5	85	41	
Sackville	28-Jun-84	192	104	0			4	174	5	105	57	
Sackville	18-Jul-84	240	100	1			14	204	4	105	56	
Sackville	28-Aug-84	212		2			6	248	13	175	82	
Sackville	25-Sep-84	240	146	0			10	235	8	150	75	
Sackville	26-Oct-84	290	139	1			16	261	12	145	76	
Sackville	23-Nov-84	330	166	6			8	261	12	180	90	
Sackville	17-Dec-84	243	133	5			-18	213	10	125	69	
West	23-Jan-84	147	71	0	0			131	9	52	48	0
West	22-Feb-84	118	60	0	0			113	5	39	37	0
West	27-Mar-84	121	60	0	0			109	6	36	34	0
West	26-Apr-84	107	50	0			-2	100	5	40	33	
West	28-May-84	99	44	0			4	100	5	37	31	
West	27-Jun-84	104	35	0			10	109	5	35	33	
West	17-Jul-84	104	44	0			10	109	4	36	31	
West	29-Aug-84	102	54	0			10	126	5	50	42	
West	26-Sep-84	110	44	0			10	122	6	50	39	

Table 2b. Continued.

River	Date	Cl ⁻	SO ₄ ²⁻	NO ₃ ⁻	Fl ⁻	Alk.	Gran	Na ⁺	K ⁺	Ca ⁺⁺	Mg ⁺⁺	NH ₄ ⁺
		μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L
West	25-Oct-84	133	56	0			34	135	8	55	43	
West	21-Nov-84	130	21	0			14	135	8	55	44	
West	18-Dec-84	133	71	2			-2	131	9	60	48	
Canaan	14-Jan-85	107	56	2			-14	117	9	25	31	
Canaan	14-Feb-85	113	62	3			-20	126	8	27	33	
Canaan	22-Mar-85	110	71	2			-24	117	8	27	30	
Canaan	24-Apr-85	102	66	3			-26	113	7	25	28	
Canaan	16-May-85	102		0			-16	117	8	25	29	
Canaan	19-Jun-85	96	58	1			-16	113	7	25	21	
Canaan	24-Jul-85	76	62	0			-14	104	5	17	21	
Canaan	14-Aug-85	76	58	0			-18	100	5	22	23	
Canaan	25-Sep-85	85	56	1			-14	109	6	21	25	
Canaan	17-Oct-85	85	60	0			-6	100	7	21	25	
Canaan	20-Nov-85	87	60	1			-16	104	7	24	27	
Gold	17-Jan-85	158	83	4			16	161	9	80	59	
Gold	15-Feb-85	197	58	6			-4	170	12	75	62	
Gold	19-Mar-85	138	63	2			-4	131	9	55	45	
Gold	17-Apr-85	127	58	1			-2	126	8	49	39	
Gold	22-May-85	127	52	0			8	131	7	45	41	
Gold	24-Jun-85	99	46	0			8	126	7	50	33	
Gold	18-Jul-85	76	25	0			-12	104	5	47	36	
Gold	16-Aug-85	104	42	1			24	122	5	55	39	
Gold	24-Sep-85	118	62	0			26	135	6	65	43	
Gold	18-Oct-85	149	42	1			26	144	9	80	58	
Gold	14-Nov-85	116	52	0			-2	135	10	70	53	
Gold	12-Dec-85	133	58	1			8	131	6	70	52	
Ingram	17-Jan-85	110	73	11			-28	122	8	43	35	
Ingram	15-Feb-85	313	79	1			-12	283	8	65	44	
Ingram	18-Mar-85	90	67	0			-12	139	8	39	31	
Ingram	18-Apr-85	85		0			-8	100	7	35	27	
Ingram	23-May-85	90		0			-4	100	7	35	25	
Ingram	21-Jun-85	79	67	0			-8	91	5	35	21	
Ingram	17-Jul-85	71	58	0			-12	91	5	35	25	
Ingram	13-Aug-85	79	50	0			-2	100	6	35	24	
Ingram	23-Sep-85	82		0			2	104	8	37	25	
Ingram	18-Oct-85	93	60	0			4	109	9	50	34	
Ingram	14-Nov-85	85	60	0			6	104	7	43	29	
Ingram	18-Dec-85	96	69	0			2	100	5	44	33	
LaHave	17-Jan-85	166	60	6			38	161	9	105	70	
LaHave	28-Jan-85	164	98	0		42		157	7	110	76	0
LaHave	15-Feb-85	259		6			38	200	15	125	90	
LaHave	25-Feb-85	259	116	8		36		213	12	132	98	0
LaHave	19-Mar-85	155		1			16	139	9	75	56	
LaHave	26-Mar-85	155	81	0		26		144	9	82	58	0
LaHave	18-Apr-85	138		0			16	131	8	70	49	
LaHave	25-Apr-85	133	83	0		22		131	8	72	48	0
LaHave	22-May-85	144		0			32	139	8	65	33	
LaHave	30-May-85	138	75	0		32		126	9	76	50	0
LaHave	24-Jun-85	118	64	2			30	131	7	70	41	

Table 2b. Continued.

River	Date	Cl ⁻	SO ₄ ²⁻	NO ₃ ⁻	F ⁻	Alk.	Gran	Na ⁺	K ⁺	Ca ⁺⁺	Mg ⁺⁺	NH ₄ ⁺
		μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L
LaHave	18-Jul-85	118	62	7			60	139	9	100	60	
LaHave	29-Jul-85	124	71	0		44		122	8	81	53	1
LaHave	13-Aug-85	124	67	1			44	131	8	80	51	
LaHave	21-Aug-85	116	71	0		40		122	8	79	53	0
LaHave	27-Aug-85	116	67	0		38		126	5	79	53	0
LaHave	24-Sep-85	116	44	0			44	135	8	80	51	
LaHave	26-Sep-85	121	64	0		38		131	6	83	53	0
LaHave	18-Oct-85	130	60	1		42		144	9	90	58	
LaHave	28-Oct-85	133	79	0		56		139	9	95	58	0
LaHave	15-Nov-85	172	96	0			48	170	15	120	82	
LaHave	28-Nov-85	144	89	0		32		144	8	89	58	0
LaHave	12-Dec-85	141	85	8			6	126	6	80	59	
LaHave	27-Dec-85	226	102	3		48		196	13	119	82	0
Middle	17-Jan-85	178	75	1			2	183	9	60	52	
Middle	15-Feb-85	282	79	4			-6	257	10	70	60	
Middle	18-Mar-85	135	120	5			-112	131	7	22	31	
Middle	28-Mar-85	161	73	1			-8	152	9	47	41	
Middle	17-Apr-85	164	69	1			-6	170	8	48	39	
Middle	22-May-85	152	64	0			0	161	8	45	37	
Middle	24-Jun-85	121	58	0			-10	144	5	40	29	
Middle	18-Jul-85	107	52	3			2	139	5	50	36	
Middle	16-Aug-85	152	40	0			18	161	6	65	42	
Middle	24-Sep-85	149	56	0			16	148	8	65	44	
Middle	18-Oct-85	164	73	0			20	165	9	85	57	
Middle	14-Nov-85	118	56	0			-16	139	8	45	43	
Middle	12-Dec-85	144	69	1			-4	144	6	48	47	
Nine Mile	18-Jan-85	259	83	4			-12	261	10	65	50	
Nine Mile	15-Feb-85	409		13			-22	357	12	95	58	
Nine Mile	18-Mar-85	327		4			-22	305	10	75	53	
Nine Mile	17-Apr-85	307		3			-14	291	10	75	49	
Nine Mile	23-May-85	293		0			-8	278	10	60	49	
Nine Mile	24-Jun-85	296	108	0			-18	278	9	65	37	
Nine Mile	17-Jul-85	240	112	5			8	248	12	87	43	
Nine Mile	12-Aug-85	248	102	0			-8	235	8	65	37	
Nine Mile	23-Sep-85	234	98	0			-4	218	8	60	39	
Nine Mile	21-Oct-85	231		0			-2	244	8	65	40	
Nine Mile	14-Nov-85	231	104	0			-10	244	8	65	44	
Nine Mile	11-Dec-85	257		1			-2	239	8	65	47	
Salmon	18-Jan-85	138		5			-30	139	9	150	63	
Salmon	18-Feb-85	141		5			-26	144	9	140	62	
Salmon	18-Mar-85	124		6			-44	126	8	130	64	
Salmon	17-Apr-85	113		6			-38	122	8	110	54	
Salmon	23-May-85	116		2			-34	126	8	100	58	
Salmon	24-Jun-85	104		3			-44	117	6	105	49	
Salmon	17-Jul-85	121	166	0			-26	113	5	105	43	
Salmon	13-Aug-85	96	137	0			-28	109	4	75	38	
Salmon	23-Sep-85	102		0			-22	109	6	100	44	
Salmon	21-Oct-85	121		0			-12	135	7	100	47	
Salmon	14-Nov-85	96		1			-28	113	6	120	50	

Table 2b. Continued.

River	Date	Cl ⁻ μeq/L	SO ₄ ⁼ μeq/L	NO ₃ ⁻ μeq/L	Fl ⁻ μeq/L	Alk. μeq/L	Gran μeq/L	Na ⁺ μeq/L	K ⁺ μeq/L	Ca ⁺⁺ μeq/L	Mg ⁺⁺ μeq/L	NH ₄ ⁺ μeq/L
Salmon	11-Dec-85	107	270	4		-28	117	7	145	61		
Sackville	18-Jan-85	310	162	11		12	283	11	145	78		
Sackville	18-Feb-85	375	135	8		-18	326	11	130	72		
Sackville	18-Mar-85	223	112	4		-14	200	9	85	47		
Sackville	17-Apr-85	248		6		-14	231	8	100	50		
Sackville	23-May-85	226	116	0		-2	231	8	80	49		
Sackville	19-Jun-85	118	92	0		-24	139	3	70	33		
Sackville	17-Jul-85	206	116	0		6	213	8	100	52		
Sackville	12-Aug-85	200	125	0		6	200	4	125	59		
Sackville	23-Sep-85	234	162	0		-4	222	6	130	63		
Sackville	21-Oct-85	214	198	0		-24	209	16	150	79		
Sackville	14-Nov-85	183	196	2		-34	178	12	125	66		
Sackville	11-Dec-85	214	185	6		-14	200	6	130	70		
West	17-Jan-85	130	196	3		2	139	10	55	44		
West	15-Feb-85	133	58	1		-2	131	7	55	48		
West	19-Mar-85	113	71	1		-22	109	7	43	40		
West	18-Apr-85	113	53	1		-4	117	8	38	35		
West	22-May-85	110	48	0		2	117	6	30	33		
West	24-Jun-85	99	42	1		0	113	4	45	31		
West	18-Jul-85	87	37	3		8	104	5	45	30		
West	13-Aug-85	102	35	0		32	117	4	45	34		
West	24-Sep-85	107	19	0		14	113	5	43	36		
West	18-Oct-85	133	48	0		38	126	10	50	44		
West	15-Nov-85	102	52	0		-8	113	8	55	42		
West	12-Dec-85	121	67	1		8	122	6	55	42		
Canaan	09-Jan-86	107	73	4		-20	131	9	28	32		
Canaan	05-Mar-86	93	71	2		-44	96	5	21	26		
Canaan	25-Apr-86	76	71	3		-34	87	6	20	23		
Canaan	26-May-86	73	54	0		-12	87	6	20	18		
Canaan	26-Jun-86	85	54	0		-10	96	6	20	21		
Canaan	20-Aug-86	71	50	0		-8	87	6	19	21		
Canaan	17-Oct-86	76	50	0		-10	96	6	20	22		
Gold	21-Jan-86	192		0		-4	174	7	50	44		
Gold	28-Feb-86	135	60	3		8	122	5	55	44		
Gold	25-Mar-86	127	60	2		-4	122	6	46	35		
Gold	23-Apr-86	116	42	0		6	113	7	45	32		
Gold	22-May-86	113	44	0		20	122	8	50	33		
Gold	25-Jun-86	121	42	0		20	122	4	50	36		
Gold	30-Jul-86	110	40	0		2	117	6	55	39		
Gold	27-Aug-86	118	37	0		8	109	5	60	40		
Gold	18-Sep-86	118	37	0		22	126	6	65	46		
Gold	21-Oct-86	127	42	0		16	122	6	60	44		
Gold	13-Nov-86	135	44	0		18	126	7	60	45		
Gold	22-Dec-86	116	48	0		10	113	5	50	40		
Ingram	21-Jan-86	90		1		-16	96	6	38	31		
Ingram	28-Feb-86	90	64	0		-2	96	6	37	29		
Ingram	26-Mar-86	135	71	0		-10	139	5	42	30		
Ingram	25-Apr-86	133	60	0		-8	131	7	35	24		
Ingram	22-May-86	73		0		-2	87	6	27	21		

Table 2b. Continued.

River	Date	Cl ⁻ μeq/L	SO ₄ ⁼ μeq/L	NO ₃ ⁻ μeq/L	Fl ⁻ μeq/L	Alk. μeq/L	Gran μeq/L	Na ⁺ μeq/L	K ⁺ μeq/L	Ca ⁺⁺ μeq/L	Mg ⁺⁺ μeq/L	NH ₄ ⁺ μeq/L
Ingram	25-Jun-86	73	60	0			6	83	5	32	24	
Ingram	28-Jul-86	76	60	1			4	96	6	43	29	
Ingram	27-Aug-86	96	58	0			-8	91	6	36	25	
Ingram	17-Sep-86	87	62	0			2	104	6	42	30	
Ingram	22-Oct-86	79	56	0			4	96	6	39	27	
Ingram	13-Nov-86	87	62	0			8	100	5	40	28	
Ingram	18-Dec-86	118	60	0			-4	126	7	42	30	
LaHave	21-Jan-86	118		0			18	100	6	49	36	
LaHave	28-Feb-86	189	75	4			30	165	9	95	62	
LaHave	25-Mar-86	144		1			18	126	7	70	48	
LaHave	24-Apr-86	138	75	0			34	131	8	75	49	
LaHave	21-May-86	130	64	0			40	139	8	75	47	
LaHave	26-Jun-86	116	58	0			44	117	5	75	47	
LaHave	29-Jul-86	113	64	0			42	113	11	75	47	
LaHave	25-Aug-86	133	64	1			58	131	10	90	58	
LaHave	18-Sep-86	124	56	0			48	126	9	80	53	
LaHave	21-Oct-86	124	62	2			46	131	10	80	55	
LaHave	13-Nov-86	147	64	1		40		126	9	90	59	
LaHave	22-Dec-86	141	71	0		36		131	9	85	59	
Middle	21-Jan-86	175		0			-2	174	7	48	41	
Middle	28-Feb-86	175	62	1			-2	148	5	50	42	
Middle	25-Mar-86	135	64	1			-18	139	5	36	30	
Middle	23-Apr-86	147	69	1			6	148	8	50	34	
Middle	22-May-86	144	58	0			12	152	7	50	33	
Middle	25-Jun-86	141	56	0			10	144	6	50	36	
Middle	30-Jul-86	116	46	0			2	117	6	40	33	
Middle	27-Aug-86	130	54	0			2	139	6	46	35	
Middle	18-Sep-86	169	60	1			16	161	7	70	47	
Middle	21-Oct-86	138	50	0			2	139	6	49	39	
Middle	13-Nov-86	152	54	0			6	144	6	55	40	
Middle	22-Dec-86	141	58	1			-2	135	9	46	40	
Nine Mile	13-Jan-86	403		3			-10	370	12	90	56	
Nine Mile	28-Feb-86	288	108	1			-12	270	7	75	48	
Nine Mile	27-Mar-86	369		0			-8	352	8	90	48	
Nine Mile	23-Apr-86	240		2			-20	235	9	41	39	
Nine Mile	23-May-86	313		0			8	287	9	80	39	
Nine Mile	27-Jun-86	276		0			4	252	8	75	42	
Nine Mile	28-Jul-86	398		0			10	339	12	105	47	
Nine Mile	28-Aug-86	268	108	0			-2	257	8	65	42	
Nine Mile	17-Sep-86	254	100	0			-2	248	8	75	42	
Nine Mile	22-Oct-86	265	106	1			-2	257	8	75	44	
Nine Mile	13-Nov-86	254	106	0			-2	235	7	65	43	
Nine Mile	19-Dec-86	251	106	0			-6	226	9	70	48	
Salmon	12-Jan-86	118		4			-32	139	10	145	66	
Salmon	27-Mar-86	110	208	4			-38	113	5	100	49	
Salmon	25-Apr-86	87		1			-30	91	6	75	39	
Salmon	23-May-86	90		0			-26	100	6	70	36	
Salmon	30-Jun-86	118		0			-28	96	5	95	44	
Salmon	28-Jul-86	124		0			-24	113	5	100	41	

Table 2b. Continued.

River	Date	Cl ⁻ μeq/L	SO ₄ ⁼ μeq/L	NO ₃ ⁻ μeq/L	Fl ⁻ μeq/L	Alk. μeq/L	Gran μeq/L	Na ⁺ μeq/L	K ⁺ μeq/L	Ca ⁺⁺ μeq/L	Mg ⁺⁺ μeq/L	NH ₄ ⁺ μeq/L
Salmon	27-Aug-86	102		0			-30	113	6	125	41	
Salmon	17-Sep-86	118		0			-20	122	5	140	43	
Salmon	22-Oct-86	102	229	2			-22	113	5	150	44	
Salmon	14-Nov-86	99	223	1			-18	113	6	140	45	
Salmon	19-Dec-86	113	204	5			-20	109	6	135	48	
Sackville	13-Jan-86	231		7			-10	226	10	120	63	
Sackville	28-Feb-86	288	175	11			6	265	8	140	68	
Sackville	27-Mar-86	212	173	7			-32	209	8	90	46	
Sackville	25-Apr-86	192	171	4			-14	200	10	110	50	
Sackville	23-May-86	372	144	0			8	235	8	110	46	
Sackville	27-Jun-86	245	137	0			-2	204	6	100	50	
Sackville	28-Jul-86	226	154	3			-4	183	6	110	59	
Sackville	25-Aug-86	237	200	0			-20	213	6	135	65	
Sackville	22-Oct-86	206	175	0			-20	191	7	120	61	
Sackville	14-Nov-86	206	183	0			-14	187	8	125	66	
Sackville	19-Dec-86	220	175	6			-2	200	8	130	68	
West	21-Jan-86	121		0			-2	113	7	45	41	
West	28-Feb-86	118	56	3			-6	135	10	43	39	
West	25-Mar-86	87	54	2			-14	96	5	34	29	
West	25-Apr-86	99	48	0			2	100	7	36	29	
West	21-May-86	102	44	0			10	109	6	40	29	
West	26-Jun-86	96	35	0			24	100	4	37	30	
West	29-Jul-86	59	33	0			-4	78	8	43	31	
West	25-Aug-86	96	123	0			14	96	6	41	42	
West	18-Sep-86	99	33	1			8	100	6	40	31	
West	21-Oct-86	102	37	0			6	100	6	46	35	
West	14-Nov-86	104	42	0			6	104	6	46	35	
West	22-Dec-86	102	44	1			18	96	6	46	36	
Canaan	20-Feb-87	96	60	0			-22	104	6	22	27	
Canaan	25-Mar-87	99	64	0			-18	100	6	24	27	
Canaan	01-Apr-87	107	56	0			-22	109	7	24	25	
Canaan	07-Apr-87	90	52	0			-20	91	6	20	23	
Canaan	14-Apr-87	82	48	0			-18	87	6	19	21	
Canaan	21-Apr-87	79	48	0			-14	87	6	19	21	
Canaan	25-May-87	73	52	1			-4	83	6	20	21	
Canaan	25-Jun-87	79	52	0			-6	91	6	19	21	
Canaan	21-Jul-87	73	48	0			-2	96	7	20	24	
Canaan	26-Aug-87	79	52	0			-2	96	7	20	22	
Canaan	24-Sep-87	104	52	1			-8	87	6	19	21	
Canaan	27-Oct-87	79	54	0			-6	100	7	22	26	
Canaan	30-Nov-87	90	52	1			-14	104	7	23	27	
Gold	27-Feb-87	133	44	0			20	113	7	60	42	
Gold	31-Mar-87	180	50	0			6	157	8	50	38	
Gold	23-Apr-87	99	44	1			6	96	6	39	29	
Gold	28-May-87	110	37	0			24	113	7	48	35	
Gold	29-Jun-87	104	48	0			20	122	5	50	38	
Gold	15-Jul-87	118	33	0			28	139	9	49	37	
Gold	20-Aug-87	121	33	0			46	144	7	55	41	
Gold	30-Sep-87	152	83	0			16	165	8	75	57	

Table 2b. Continued.

River	Date	Cl ⁻ μeq/L	SO ₄ ²⁻ μeq/L	NO ₃ ⁻ μeq/L	Fl ⁻ μeq/L	Alk. μeq/L	Gran μeq/L	Na ⁺ μeq/L	K ⁺ μeq/L	Ca ⁺⁺ μeq/L	Mg ⁺⁺ μeq/L	NH ₄ ⁺ μeq/L
Gold	06-Oct-87	141	83	0			10	165	9	85	61	
Gold	21-Oct-87	127	64	1			18	144	7	70	48	
Gold	27-Nov-87	110	56	1			8	122	6	55	44	
Ingram	27-Feb-87	90	67	2			-2	104	7	41	30	
Ingram	31-Mar-87	85	62	1			-2	91	6	38	27	
Ingram	06-Apr-87	76	56	0			-4	83	6	33	24	
Ingram	14-Apr-87	68	52	0			-10	78	5	28	21	
Ingram	24-Apr-87	71	56	0			-6	74	6	30	22	
Ingram	28-May-87	76	60	0			4	87	6	33	25	
Ingram	24-Jun-87	76	83	0			10	91	7	35	24	
Ingram	15-Jul-87	87	58	0			14	109	8	34	25	
Ingram	19-Aug-87	82	58	0			14	109	8	35	25	
Ingram	23-Sep-87	144	73	0			10	104	7	45	35	
Ingram	06-Oct-87	82	62	0			6	109	7	45	32	
Ingram	21-Oct-87	76	60	0			8	109	7	40	30	
Ingram	24-Nov-87	85	67	1			-2	104	6	44	32	
LaHave	26-Feb-87	141	64	4		42		135	10	85	56	
LaHave	31-Mar-87	172	67	1			48	152	12	85	58	
LaHave	23-Apr-87	113	56	3			28	109	8	60	40	
LaHave	28-May-87	116	50	0			50	117	8	70	44	
LaHave	29-Jun-87	121	75	3		50		131	8	75	50	
LaHave	17-Jul-87	113	54	0		42		126	9	70	44	
LaHave	20-Aug-87	118	56	0			50	131	10	65	49	
LaHave	30-Sep-87	135	152	0			34	157	11	115	77	
LaHave	07-Oct-87	118	108	0			18	144	10	95	64	
LaHave	21-Oct-87	133	98	1			34	148	10	95	67	
LaHave	27-Nov-87	124	83	0			22	135	8	80	56	
Middle	27-Feb-87	180	67	3			10	161	7	60	44	
Middle	31-Mar-87	144	58	0			-8	135	7	34	31	
Middle	23-Apr-87	130	56	0			-2	126	6	43	30	
Middle	28-May-87	121	52	1			16	135	7	50	35	
Middle	29-Jun-87	130	71	0			16	144	6	47	35	
Middle	15-Jul-87	135	50	2			20	157	9	55	38	
Middle	20-Aug-87	192	73	3			48	196	9	85	50	
Middle	30-Sep-87	127	67	0			4	144	7	50	41	
Middle	21-Oct-87	130	62	1			8	148	7	55	48	
Middle	27-Nov-87	124	60	4			-14	144	7	46	39	
Nine Mile	27-Feb-87	274	116	1			-4	231	8	80	49	
Nine Mile	30-Mar-87	369	114	1			2	331	10	90	47	
Nine Mile	27-Apr-87	259	94	0			-6	235	8	70	39	
Nine Mile	29-May-87	313	104	0			-2	235	9	65	40	
Nine Mile	24-Jun-87	259	94	0			2	252	8	65	40	
Nine Mile	14-Jul-87	254	96	0			2	248	9	65	39	
Nine Mile	19-Aug-87	319	106	6			30	309	11	85	47	
Nine Mile	23-Sep-87	223	100	0			-2	218	8	60	42	
Nine Mile	20-Oct-87	265	102	0			-2	261	9	75	46	
Nine Mile	24-Nov-87	279	110	3			-8	270	9	71	47	
Salmon	30-Mar-87	130	177	4			-20	126	5	110	39	
Salmon	23-Apr-87	121	133	3			-18	117	6	80	35	

Table 2b. Continued.

River	Date	Cl ⁻ μeq/L	SO ₄ ⁼ μeq/L	NO ₃ ⁻ μeq/L	Fl ⁻ μeq/L	Alk. μeq/L	Gran μeq/L	Na ⁺ μeq/L	K ⁺ μeq/L	Ca ⁺⁺ μeq/L	Mg ⁺⁺ μeq/L	NH ₄ ⁺ μeq/L
Salmon	29-May-87	113	154	1		-12	113	6	85	38		
Salmon	24-Jun-87	121	158	1		-18	126	6	90	38		
Salmon	15-Jul-87	124	156	1		-12	135	6	90	40		
Salmon	21-Aug-87	135	154	0		-8	144	6	90	40		
Salmon	23-Sep-87	133	154	0		-14	135	6	90	39		
Salmon	22-Oct-87	147	177	3		-10	161	7	125	47		
Salmon	24-Nov-87	144	183	2		-22	144	8	120	47		
Salmon	29-Dec-87	127	141	3		-20	126	6	90	44		
Sackville	27-Feb-87	302	156	14		24	270	18	140	67		
Sackville	30-Mar-87	310	135	4		-14	274	10	95	47		
Sackville	23-Apr-87	175	98	1		-2	165	8	80	37		
Sackville	28-May-87	265	150	0		14	257	10	120	59		
Sackville	24-Jun-87	192	127	0		14	204	5	60	47		
Sackville	15-Jul-87	271	116	0		12	287	6	140	70		
Sackville	19-Aug-87	299	243	0		4	322	4	165	90		
Sackville	20-Oct-87	248	270	1		-28	248	8	175	82		
Sackville	24-Nov-87	192	191	0		-36	174	7	110	61		
Sackville	29-Dec-87	276	223	6		-18	270	9	145	72		
West	26-Feb-87	96	42	3		8	100	7	42	36		
West	31-Mar-87	102	46	1		2	91	7	35	30		
West	23-Apr-87	102	40	0		16	96	8	31	27		
West	28-May-87	99	33	0		14	100	7	37	28		
West	29-Jun-87	102	48	0		20	109	6	37	29		
West	17-Jul-87	107	33	0		22	117	7	41	30		
West	20-Aug-87	121	31	0		18	131	5	36	30		
West	30-Sep-87	107	116	0		-2	135	7	70	60		
West	21-Oct-87	113	60	0		12	126	7	50	42		
West	27-Nov-87	104	56	0		10	117	6	44	39		
Canaan	07-Jan-88	85	58	0		-16	100	7	23	28		
Canaan	27-Jan-88	90	58	1		-18	100	7	24	28		
Canaan	23-Feb-88	79	58	1		-16	91	6	19	23		
Canaan	24-Mar-88	85	56	0		-18	87	6	19	23		
Canaan	21-Apr-88	79	52	1		-8	91	7	20	24		
Canaan	24-May-88	73	52	0		-10	83	7	18	21		
Canaan	24-Jun-88	71	52	0		-10	83	7	18	21		
Canaan	15-Jul-88	73	52	0		-8	91	8	19	21		
Canaan	16-Aug-88	73	48	0		-10	87	7	20	22		
Canaan	23-Sep-88	79	52	0		10	91	7	20	23		
Canaan	14-Oct-88	79	52	0		2	91	7	19	24		
Canaan	16-Nov-88	93	50	1		-10	91	9	24	27		
Canaan	19-Dec-88	96	48	1		-18	100	11	25	28		
Gold	06-Jan-88	124	56	1		8	126	6	55	43		
Gold	26-Feb-88	133	56	1		2	126	5	43	35		
Gold	23-Mar-88	149	56	0		18	139	6	50	39		
Gold	12-Apr-88	107	52	0		8	109	6	41	34		
Gold	11-May-88	93	50	0		4	104	6	41	30		
Gold	20-May-88	107	46	1		16	113	7	45	31		
Gold	21-Jun-88	116	33	0		26	131	8	50	37		
Gold	15-Jul-88	130	44	0		34	144	7	55	42		

Table 2b. Continued.

River	Date	Cl ⁻ μeq/L	SO ₄ ²⁻ μeq/L	NO ₃ ⁻ μeq/L	Fl ⁻ μeq/L	Alk. μeq/L	Gran μeq/L	Na ⁺ μeq/L	K ⁺ μeq/L	Ca ⁺⁺ μeq/L	Mg ⁺⁺ μeq/L	NH ₄ ⁺ μeq/L
Gold	12-Aug-88	87	44	0			30	100	6	55	39	
Gold	22-Sep-88	113	40	0			46	144	6	65	44	
Gold	17-Oct-88	135	50	0			32	139	9	70	49	
Gold	14-Nov-88	107	40	1			6	109	8	55	42	
Gold	07-Dec-88	99	44	1			12	100	6	47	37	
Ingram	27-Jan-88	76	62	0			-16	96	6	37	28	
Ingram	26-Feb-88	71	62	0			-6	87	6	32	26	
Ingram	28-Mar-88	82	58	0			-2	87	6	33	27	
Ingram	19-May-88	90	50	1			6	83	7	32	22	
Ingram	21-Jun-88	68	58	0			10	91	8	35	25	
Ingram	08-Jul-88	71	58	0			14	96	8	34	24	
Ingram	12-Aug-88	59	62	0			2	83	6	35	25	
Ingram	20-Sep-88	71	60	0			22	104	7	42	26	
Ingram	13-Oct-88	79	58	0			12	100	7	39	29	
Ingram	14-Nov-88	90	56	1			4	91	6	41	30	
Ingram	07-Dec-88	85	54	1			-2	91	6	36	28	
LaHave	06-Jan-88	152	85	0			38	148	8	90	62	
LaHave	29-Feb-88	133	69	1			24	126	8	65	46	
LaHave	23-Mar-88	166	75	3		32		152	9	80	57	
LaHave	12-Apr-88	124	64	1			22	122	7	60	45	
LaHave	20-May-88	116	50	1				126	7	90	46	
LaHave	21-Jun-88	116	62	0				126	10	70	46	
LaHave	15-Jul-88	116	62	1		48		131	10	70	46	
LaHave	12-Aug-88	104	64	0			40	113	7	70	48	
LaHave	22-Sep-88	118	67	0		58		144	9	80	48	
LaHave	17-Oct-88	144	73	0		58		144	13	95	60	
LaHave	15-Nov-88	124	67	2			42	126	10	85	53	
LaHave	07-Dec-88	113	58	2			32	113	10	70	46	
Middle	06-Jan-88	161	64	2			4	161	10	49	43	
Middle	26-Feb-88	110	56	1			-8	113	5	29	28	
Middle	29-Mar-88	102	52	0			-8	104	6	28	26	
Middle	12-Apr-88	107	52	0			-2	117	6	32	29	
Middle	19-May-88	130	60	1			6	139	8	48	31	
Middle	23-Jun-88	147	64	0			22	157	9	60	39	
Middle	15-Jul-88	96	44	0			16	144	9	37	31	
Middle	12-Aug-88	102	46	0			10	122	7	36	32	
Middle	20-Sep-88	158	52	0			28	178	8	65	43	
Middle	13-Oct-88	118	48	0			12	135	9	46	39	
Middle	14-Nov-88	138	48	1			-2	126	9	50	41	
Middle	07-Dec-88	113	44	1			-8	122	5	36	35	
Nine Mile	23-Mar-88	310	106	3			-6	291	9	75	44	
Nine Mile	13-Apr-88	240	89	1			-6	226	8	60	39	
Nine Mile	19-May-88	240	96	1			-2	231	9	65	36	
Nine Mile	24-Jun-88	276	100	0			4	265	10	75	43	
Nine Mile	08-Jul-88	279	102	0			6	274	10	75	41	
Nine Mile	12-Aug-88	276	100	0			-2	257	8	65	40	
Nine Mile	20-Sep-88	265	104	0			10	265	10	70	39	
Nine Mile	13-Oct-88	259	104	0			-2	248	9	65	43	
Nine Mile	14-Nov-88	231	102	4			2	235	12	80	49	

Table 2b. Continued.

River	Date	Cl^- μeq/L	$\text{SO}_4^{=}$ μeq/L	NO_3^- μeq/L	Fl^- μeq/L	Alk. μeq/L	Gran μeq/L	Na^+ μeq/L	K^+ μeq/L	Ca^{++} μeq/L	Mg^{++} μeq/L	NH_4^+ μeq/L
Nine Mile	09-Dec-88	214	100	2		-6	213	8	70	44		
Salmon	30-Mar-88	107	114	2		-20	104	5	60	34		
Salmon	15-Apr-88	116	131	3		-10	117	5	80	39		
Salmon	19-May-88	90	116	0		-12	100	6	65	32		
Salmon	20-Jun-88	96	112	0		-6	104	6	65	33		
Salmon	08-Jul-88	87	114	0		-10	104	5	60	30		
Salmon	15-Aug-88	102	160	0		-16	109	5	85	38		
Salmon	21-Sep-88	110	135	0		2	126	6	80	35		
Salmon	17-Oct-88	116	156	0		-8	74	12	90	42		
Salmon	14-Nov-88	118	100	1		-12	109	8	70	39		
Salmon	15-Dec-88	113	106	2		-14	109	7	70	42		
Sackville	28-Feb-88	206	127	0		-6	200	7	80	43		
Sackville	29-Mar-88	189	98	1		-10	183	7	65	36		
Sackville	13-Apr-88	178	125	0		-6	187	7	75	40		
Sackville	19-May-88	214	125	0		-2	218	11	95	46		
Sackville	21-Jun-88	319	123	0		14	287	13	110	61		
Sackville	08-Jul-88	305	171	0		26	313	11	150	76		
Sackville	12-Aug-88	197	131	2		10	204	8	120	58		
Sackville	20-Sep-88	276	110	2		-2	270	13	150	76		
Sackville	13-Oct-88	262	275	0		-30	226	16	160	82		
Sackville	14-Nov-88	183	150	1		-8	170	10	110	58		
Sackville	09-Dec-88	175	152	4		-6	174	9	110	57		
West	06-Jan-88	104	58	1		2	113	6	42	37		
West	29-Feb-88	102	52	1		2	100	6	38	34		
West	23-Mar-88	121	67	1		6	104	6	41	35		
West	12-Apr-88	107	48	0		6	104	7	35	32		
West	20-May-88	96	44	1		6	104	7	36	27		
West	21-Jun-88	96	42	0		14	109	8	37	30		
West	15-Jul-88	99	42	0		16	117	10	37	30		
West	12-Aug-88	104	46	0		10	109	6	38	31		
West	22-Sep-88	104	46	0		24	117	6	45	33		
West	17-Oct-88	116	50	0		16	122	8	50	40		
West	15-Nov-88	96	42	1		12	100	8	43	34		
West	07-Dec-88	90	40	1		6	91	7	41	32		
Canaan	23-Jan-89	96	54	1		-18	100	8	24	30		
Canaan	02-Mar-89	96	58	1		-14	109	10	25	29		
Canaan	06-Apr-89	85	52	2		-12	104	13	20	21		
Canaan	03-May-89	76	73	1		-10	65	8	20	23		
Canaan	16-Jun-89	73	50	0		-10	113	8	20	22		
Canaan	13-Jul-89	87	52	0		-8	91	11	20	22		
Canaan	26-Aug-89	85	67	2		-2	83	7	24	22		
Canaan	25-Sep-89	90	56	0		-4	113	9	20	27		
Canaan	19-Oct-89	76	58	0		-4	100	9	25	25		
Canaan	19-Nov-89	99	64	0		-6	109	10	23	26		
Canaan	14-Dec-89	107	71	0		-12	113	9	29	34		
Gold	19-Jan-89	172	54	2		12	161	8	60	46		
Gold	01-Mar-89	138	56	5		10	135	10	50	39		
Gold	12-Apr-89	96	44	2		10	113	10	39	28		
Gold	10-May-89	104	46	1		10	117	21	48	35		

Table 2b. Continued.

River	Date	Cl ⁻ μeq/L	SO ₄ ²⁻ μeq/L	NO ₃ ⁻ μeq/L	Fl ⁻ μeq/L	Alk. μeq/L	Gran μeq/L	Na ⁺ μeq/L	K ⁺ μeq/L	Ca ⁺⁺ μeq/L	Mg ⁺⁺ μeq/L	NH ₄ ⁺ μeq/L
Gold	12-Jun-89	93	33	0			16	104	10	46	31	
Gold	18-Jul-89	110	33	0			14	126	7	49	35	
Gold	23-Aug-89	118	46	0				139	6	55	39	
Gold	22-Sep-89	127	50	0		46		165	11	60	45	
Gold	24-Oct-89	144	83	0			10	161	9	80	61	
Gold	17-Nov-89	147	64	0			10	139	10	75	56	
Gold	13-Dec-89	144	69	0			8	152	7	65	53	
Ingram	17-Jan-89	87	64	1			2	96	7	44	33	
Ingram	01-Mar-89	85	64	3			-2	96	8	40	30	
Ingram	13-Apr-89	59	52	1			-4	78	7	28	22	
Ingram	04-May-89	65	54	1			-2	83	10	32	25	
Ingram	12-Jun-89	62	54	0			-2	87	8	34	24	
Ingram	18-Jul-89	68	58	0			8	96	8	34	25	
Ingram	23-Aug-89	79	50	0			16	96	7	34	17	
Ingram	22-Sep-89	82	73	0			14	117	9	47	32	
Ingram	24-Oct-89	79	67	0			-2	109	7	45	31	
Ingram	17-Nov-89	99	69	1			2	113	8	50	35	
Ingram	13-Dec-89	93	77	0			-2	113	7	43	37	
LaHave	19-Jan-89	149	73	1			36	139	12	80	55	
LaHave	01-Mar-89	135	67	1			26	131	12	70	49	
LaHave	11-Apr-89	113	58	1			26	126	13	60	36	
LaHave	11-May-89	99	56	2			24	122	9	65	42	
LaHave	13-Jun-89	130	54	2				144	11	85	50	
LaHave	18-Jul-89	113	58	1		56		139	10	75	47	
LaHave	24-Aug-89	121	73	2		48		135	8	70	45	
LaHave	26-Sep-89	121	73	0		50		144	9	70	55	
LaHave	24-Oct-89	99	81	0			12	126	6	60	51	
LaHave	17-Nov-89	192	102	4			48	174	18	120	81	
LaHave	13-Dec-89	138	85	2			28	157	9	85	58	
Middle	19-Jan-89	130	56	2			-2	131	6	40	37	
Middle	01-Mar-89	144	67	3			-10	144	9	40	35	
Middle	11-Apr-89	90	46	1			-4	109	8	25	22	
Middle	10-May-89	102	54	1			-4	126	9	35	30	
Middle	12-Jun-89	104	48	1			10	135	10	46	32	
Middle	18-Jul-89	152	56	0			36	170	10	65	40	
Middle	23-Aug-89	200	81	3		60		218	9	100	54	
Middle	22-Sep-89	237	106	0			46	222	15	125	73	
Middle	24-Oct-89	130	77	0			-2	161	10	60	51	
Middle	17-Nov-89	172	75	0			8	165	11	60	41	
Middle	13-Dec-89	155	79	0			-2	178	8	50	50	
Nine Mile	17-Jan-89	254	110	3			-4	252	10	80	50	
Nine Mile	01-Mar-89	274	112	4			-4	252	10	80	49	
Nine Mile	11-Apr-89	214	92	3			-6	248	9	65	37	
Nine Mile	10-May-89	223	89	3			-6	239	10	65	39	
Nine Mile	12-Jun-89	257	102	1			-10	248	10	60	39	
Nine Mile	19-Jul-89	274	106	0			-6	283	11	70	41	
Nine Mile	23-Aug-89	290	106	0			2	313	8	80	45	
Nine Mile	23-Sep-89	274	104	0			6	274	10	70	45	
Nine Mile	24-Oct-89	237	100	0			-4	257	10	7	48	

Table 2b. Continued.

River	Date	Cl ⁻	SO ₄ ⁼	NO ₃ ⁻	Fl ⁻	Alk.	Gran	Na ⁺	K ⁺	Ca ⁺⁺	Mg ⁺⁺	NH ₄ ⁺
		μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L
Nine Mile	18-Nov-89	274	110	1			2	257	10	70	47	
Nine Mile	13-Dec-89	293	125	0			-10	265	10	75	53	
Salmon	17-Jan-89	110	110	2			-18	109	7	70	41	
Salmon	12-Apr-89	104	106	4			-14	117	7	60	33	
Salmon	10-May-89	87	114	3			-16	100	9	60	35	
Salmon	12-Jun-89	76	96	0			-18	91	13	48	30	
Salmon	19-Jul-89	82	102	0			-10	96	7	55	30	
Salmon	23-Aug-89	99	119	0			2	104	6	65	34	
Salmon	22-Sep-89	107	106	0			6	131	7	65	38	
Salmon	25-Oct-89	93	141	0			-6	113	7	80	43	
Salmon	19-Nov-89	110	133	1			-12	117	9	85	48	
Salmon	12-Dec-89	130	146	0			-16	126	6	100	58	
Sackville	17-Jan-89	423	171	4			-2	357	12	140	72	
Sackville	02-Mar-89	310	141	6			-2	274	12	120	62	
Sackville	11-Apr-89	228	121	4			-6	226	17	85	43	
Sackville	10-May-89	180	139	3			-20	209	15	95	48	
Sackville	12-Jun-89	206	135	0			-12	218	5	100	47	
Sackville	19-Jul-89	285	218	0			-4	305	7	150	76	
Sackville	23-Aug-89	313	150	0			10	331	4	130	68	
Sackville	24-Oct-89	240	300	1			-26	244	11	195	99	
Sackville	17-Nov-89	245	225	0			-24	218	12	160	76	
Sackville	12-Dec-89	310	200	2			-18	274	8	160	81	
West	19-Jan-89	96	54	2			-2	96	9	41	36	
West	01-Mar-89	96	52	2			-2	96	8	39	35	
West	11-Apr-89	82	46	1			2	100	9	30	25	
West	11-May-89	68	42	1			2	87	8	34	27	
West	13-Jun-89	65	27	0			6	91	5	37	25	
West	18-Jul-89	85	40	0			20	100	5	34	28	
West	24-Aug-89	102	50	0			24	109	5	43	27	
West	26-Sep-89	96	67	0	72		117	7	55	50		
West	24-Oct-89	152	133	2			44	170	12	120	72	
West	17-Nov-89	113	64	0			4	117	9	60	45	
West	13-Dec-89	110	67	0			4	126	7	50	47	
Canaan	17-Feb-90	110	79	7			-12	126	10	29	33	
Canaan	15-Mar-90	99	73	0			-10	113	8	25	30	
Canaan	23-Apr-90	79	62	1			-18	96	8	22	25	
Canaan	16-May-90	82	62	0			-16	91	9	25	25	
Canaan	19-Jun-90	71	56	0			-12	91	8	22	21	
Canaan	16-Jul-90	73	50	1			-2	91	13	20	24	
Canaan	26-Aug-90	73	62	0			-2	91	8	13	19	
Canaan	23-Sep-90	99	75	1			-20	117	9	25	33	
Canaan	23-Oct-90	107	62	1			-4	96	44	18	23	
Canaan	14-Nov-90	90	60	0			-18	109	11	28	31	
Canaan	14-Dec-90	93	56	1			-32	104	9	22	32	
Gold	19-Feb-90	141	60	1			8	144	8	50	39	
Gold	13-Mar-90	144	58	0			10	139	9	50	39	
Gold	20-Apr-90	96	54	1			4	117	13	38	31	
Gold	24-May-90	102	50	0			10	104	10	43	30	
Gold	26-Jun-90	99	37	0			20	117	7	50	35	

Table 2b. Continued.

River	Date	Cl^-	$\text{SO}_4^{=}$	NO_3^-	Fl^-	Alk.	Gran	Na^+	K^+	Ca^{++}	Mg^{++}	NH_4^+
		μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L
Gold	16-Jul-90	85	56	3			30	117	6	55	39	
Gold	22-Aug-90	121	46	0			40	139	6	55	41	
Gold	21-Sep-90	195	54	1		40		222	8	65	49	
Gold	17-Oct-90	149	60	1			44	165	15	70	53	
Gold	15-Nov-90	121	58	1			2	131	10	51	53	
Gold	18-Dec-90	113	52	0			-6	117	7	60	43	
Ingram	19-Feb-90	90	79	1			-8	104	8	42	31	
Ingram	13-Mar-90	85	75	2			-8	104	7	41	31	
Ingram	19-Apr-90	65	60	2			-10	83	10	32	25	
Ingram	15-May-90	79	62	0			-8	91	9	36	26	
Ingram	27-Jun-90	76	60	0			2	91	8	33	24	
Ingram	13-Jul-90	68	67	1			6	96	9	40	27	
Ingram	22-Aug-90	76	67	0			10	104	8	27	23	
Ingram	20-Sep-90	87	62	0			24	109	11	37	24	
Ingram	17-Oct-90	87	73	0			10	109	10	38	29	
Ingram	15-Nov-90	90	79	1			-8	109	11	50	39	
Ingram	14-Dec-90	87	64	0			-14	100	9	48	31	
LaHave	19-Feb-90	158	77	2			20	152	12	75	51	
LaHave	12-Mar-90	178	81	3			36	170	12	85	55	
LaHave	20-Apr-90	121	71	1			18	135	13	60	40	
LaHave	10-May-90	96	42	0			24	117	7	50	33	
LaHave	24-May-90	180	87	0	78			187	10	100	61	
LaHave	28-Jun-90	102	46	0			32	117	8	60	37	
LaHave	20-Jul-90	99	67	0			36	131	8	65	44	
LaHave	23-Aug-90	93	48	0			42	122	9	55	37	
LaHave	21-Sep-90	104	56	3			46	131	9	60	42	
LaHave	19-Oct-90	130	71	5			44	135	10	70	47	
LaHave	21-Nov-90	220	71	2			10	131	13	85	58	
LaHave	18-Dec-90	127	73	2			20	131	10	90	53	
Middle	19-Feb-90	161	73	1			-2	165	9	43	38	
Middle	13-Mar-90	178	75	2			8	183	9	50	40	
Middle	20-Apr-90	113	60	2			-8	131	13	32	29	
Middle	24-May-90	166	69	0			8	178	13	50	33	
Middle	26-Jun-90	110	48	0			10	131	7	40	31	
Middle	17-Jul-90	113	67	3			16	144	8	60	38	
Middle	22-Aug-90	116	46	0			22	139	8	32	30	
Middle	21-Sep-90	155	87	1			42	165	11	95	64	
Middle	17-Oct-90	161	83	19			24	183	20	80	53	
Middle	15-Nov-90	130	69	2			-14	144	13	50	49	
Middle	18-Dec-90	121	58	1			-26	126	9	48	37	
Nine Mile	19-Feb-90	347	121	2			-10	318	12	85	51	
Nine Mile	13-Mar-90	434	123	2			-4	392	12	95	52	
Nine Mile	19-Apr-90	288	112	3			-10	278	16	65	42	
Nine Mile	22-May-90	398	171	0			-8	361	15	100	57	
Nine Mile	16-Jul-90	307	112	1			6	305	13	80	48	
Nine Mile	22-Aug-90	296	104	0			6	278	13	60	41	
Nine Mile	23-Sep-90	268	98	2			8	274	14	70	41	
Nine Mile	17-Oct-90	271	106	4			6	283	18	75	47	
Nine Mile	14-Nov-90	259	108	2			-12	274	14	75	51	

Table 2b. Continued.

River	Date	Cl ⁻	SO ₄ ²⁻	NO ₃ ⁻	F ⁻	Alk.	Gran	Na ⁺	K ⁺	Ca ⁺⁺	Mg ⁺⁺	NH ₄ ⁺
		μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L
Nine Mile	14-Dec-90	248	110	0		-22	248	14	85	51		
Salmon	17-Feb-90	144	154	4		-16	148	9	90	47		
Salmon	13-Mar-90	133	135	0		-14	139	6	75	44		
Salmon	19-Apr-90	102	116	2		-20	109	8	60	35		
Salmon	22-May-90	102	129	0		-24	109	8	60	35		
Salmon	27-Jun-90	93	119	0		-12	109	7	65	35		
Salmon	13-Jul-90	96	131	0		-10	109	8	75	43		
Salmon	22-Aug-90	102	114	0		-4	122	7	60	37		
Salmon	20-Sep-90	127	133	0		2	144	7	75	39		
Salmon	17-Oct-90	118	119	0		-8	131	15	70	41		
Salmon	15-Nov-90	110	160	1		-24	126	10	100	57		
Salmon	19-Dec-90	102	110	1		-34	113	9	75	43		
Sackville	17-Feb-90	324	177	0		-10	296	10	120	62		
Sackville	13-Mar-90	572	223	11		-2	487	14	180	82		
Sackville	19-Apr-90	197	164	2		-16	209	8	85	42		
Sackville	15-May-90	268	154	0		-4	265	9	115	50		
Sackville	25-Jun-90	305	144	0		10	300	11	130	60		
Sackville	13-Jul-90	240	131	3		10	261	7	105	57		
Sackville	22-Aug-90	324	237	0		24	339	8	160	82		
Sackville	20-Sep-90	384	235	0	52		370	13	150	82		
Sackville	17-Oct-90	338	262	0		10	326	22	190	99		
Sackville	15-Nov-90	228	183	1		-26	231	10	130	71		
Sackville	14-Dec-90	178	148	1		-24	191	8	115	57		
West	19-Feb-90	102	60	2		-4	104	9	44	38		
West	12-Mar-90	102	60	0		6	100	8	43	38		
West	20-Apr-90	118	50	0		2	104	51	32	27		
West	24-May-90	90	46	0		34	100	5	41	28		
West	28-Jun-90	82	40	0		4	91	6	40	28		
West	20-Jul-90	65	48	2		12	100	6	45	32		
West	23-Aug-90	71	37	0		26	104	8	40	26		
West	21-Sep-90	87	46	1		28	109	9	35	29		
West	19-Oct-90	178	54	1		10	113	59	49	38		
West	21-Nov-90	138	50	1		-8	109	12	60	45		
West	18-Dec-90	90	46	1		-12	100	7	48	37		
Canaan	18-Jan-91	99	60	1		-20	104	8	23	30		
Canaan	28-Feb-91	102	64	0		-22	104	8	25	29		
Canaan	18-Mar-91	73	58	1		-18	87	6	18	21		
Canaan	17-Apr-91	76	54	1		-14	83	8	20	23		
Canaan	06-May-91	71	54	1		-12	83	10	17	21		
Canaan	07-Jun-91	68	54	1		2	87	8	17	20		
Canaan	17-Jul-91	65	46	1		-6	78	10	18	20		
Canaan	15-Aug-91	72	58	0		-10	87	9	16	20		
Canaan	27-Sep-91	79	75	1		-2	91	12	17	21		
Canaan	22-Oct-91	71	67	1		-12	96	9	22	22		
Canaan	22-Nov-91	82	52	1		-2	96	9	25	23		
Canaan	23-Dec-91	82	46	1		-16	91	9	22	23		
Gold	16-Jan-91	118	56	2		10	117	7	50	42		
Gold	26-Feb-91	189	62	0		10	178	8	60	44		
Gold	19-Mar-91	209	58	0		8	196	8	46	34		

Table 2b. Continued.

River	Date	Cl ⁻ μeq/L	SO ₄ ⁼ μeq/L	NO ₃ ⁻ μeq/L	F ⁻ μeq/L	Alk. μeq/L	Gran μeq/L	Na ⁺ μeq/L	K ⁺ μeq/L	Ca ⁺⁺ μeq/L	Mg ⁺⁺ μeq/L	NH ₄ ⁺ μeq/L
Gold	23-Apr-91	73	48	0			4	91	13	31	23	
Gold	13-May-91	76	44	0			10	91	9	34	25	
Gold	10-Jun-91	90	42	0			44	109	8	45	30	
Gold	16-Jul-91	116	40	0			48	144	11	45	39	
Gold	15-Aug-91	110	65	0			40	139	10	80	60	
Gold	26-Sep-91	127	79	1			16	135	8	55	43	
Gold	23-Oct-91	141	48	1			22	122	7	55	58	
Gold	22-Nov-91	121	42	1			18	100	33	50	31	
Gold	27-Dec-91	110	52	2			10	117	7	50	39	
Ingram	16-Jan-91	104	69	0			-4	109	12	39	32	
Ingram	26-Feb-91	93	69	1			-6	104	9	39	30	
Ingram	19-Mar-91	73	62	0			-2	83	9	33	25	
Ingram	18-Apr-91	65	62	0			-4	83	8	31	23	
Ingram	13-May-91	59	58	0			-8	78	10	27	23	
Ingram	07-Jun-91	68	62	0			20	87	8	35	23	
Ingram	15-Jul-91	89	70	0			12	104	11	36	25	
Ingram	14-Aug-91	89	83	0			10	104	11	44	31	
Ingram	25-Sep-91	93	67	1			8	100	10	35	25	
Ingram	21-Oct-91	102	67	1			4	100	8	41	29	
Ingram	22-Nov-91	85	62	1			-2	91	10	38	28	
Ingram	27-Dec-91	85	69	1			-2	100	9	40	28	
LaHave	17-Jan-91	197	71	11			28	183	17	80	56	
LaHave	27-Feb-91	178	81	2			30	165	9	80	58	
LaHave	18-Mar-91	166	73	2			26	152	9	70	48	
LaHave	23-Apr-91	102	69	3			26	113	11	55	38	
LaHave	09-May-91	110	64	1			28	117	9	55	38	
LaHave	10-Jun-91	110	58	1			52	122	10	60	36	
LaHave	16-Jul-91	103	56	0			40	131	9	55	43	
LaHave	15-Aug-91	142	91	0			38	148	13	70	52	
LaHave	26-Sep-91	133	79	1			40	135	13	70	50	
LaHave	23-Oct-91	155	62	1			44	144	9	85	56	
LaHave	22-Nov-91	124	69	1			38	122	28	70	44	
LaHave	28-Dec-91	133	79	4			28	135	10	75	49	
Middle	16-Jan-91	164	69	3			6	165	10	50	43	
Middle	26-Feb-91	164	69	1			2	170	8	44	38	
Middle	19-Mar-91	451	85	2			8	439	13	80	46	
Middle	18-Apr-91	124	67	0			2	135	9	39	30	
Middle	10-May-91	85	48	0			-4	100	10	24	21	
Middle	10-Jun-91	107	50	0			20	122	9	35	29	
Middle	16-Jul-91	133	78	0			34	157	15	70	53	
Middle	14-Aug-91	105	54	0			10	131	12	33	30	
Middle	25-Sep-91	93	42	1			2	113	10	35	35	
Middle	23-Oct-91	118	48	1			-6	126	10	38	32	
Middle	22-Nov-91	85	44	1			2	113	10	41	33	
Middle	27-Dec-91	124	58	1			-2	131	8	40	33	
Nine Mile	16-Jan-91	243	121	3			-14	235	14	75	50	
Nine Mile	26-Feb-91	290	129	3			-8	278	13	80	53	
Nine Mile	19-Mar-91	429	123	4			6	418	16	100	47	
Nine Mile	18-Apr-91	254	106	3			-6	239	12	65	40	

Table 2b. Continued.

River	Date	Cl ⁻	SO ₄ ⁼	NO ₃ ⁻	Fl ⁻	Alk.	Gran	Na ⁺	K ⁺	Ca ⁺⁺	Mg ⁺⁺	NH ₄ ⁺
		μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L
Nine Mile	13-May-91	243	114	1		-2	239	13	65	39		
Nine Mile	07-Jun-91	262	112	1		10	252	13	70	41		
Nine Mile	15-Jul-91	215	93	0		2	248	14	60	39		
Nine Mile	14-Aug-91	282	126	2		20	305	14	90	46		
Nine Mile	25-Sep-91	231	112	1		-10	239	12	55	44		
Nine Mile	21-Oct-91	231	108	1		-10	239	12	70	47		
Nine Mile	23-Nov-91	217	139	4		-12	204	14	75	48		
Nine Mile	29-Dec-91	395	146	3		-4	357	14	100	53		
Salmon	16-Jan-91	125	131	1		-30	117	6	65	46		
Salmon	26-Feb-91	135	164	1		-32	131	8	85	48		
Salmon	19-Mar-91	121	114	1		-18	122	8	60	35		
Salmon	22-Apr-91	102	112	3		-20	113	8	60	40		
Salmon	13-May-91	93	129	1		-20	104	8	55	34		
Salmon	07-Jun-91	93	114	0		-2	109	8	55	32		
Salmon	15-Jul-91	114	123	0		-10	122	12	65	35		
Salmon	14-Aug-91	125	119	0		-6	131	9	60	35		
Salmon	25-Sep-91	141	112	1		-8	122	8	55	35		
Salmon	21-Oct-91	130	104	1		-14	122	8	75	47		
Salmon	23-Nov-91	288	158	1		-22	122	166	80	46		
Salmon	28-Dec-91	116	156	1		-26	117	8	80	49		
Sackville	16-Jan-91	299	202	6		6	291	13	150	76		
Sackville	26-Feb-91	330	160	3		-2	318	10	120	61		
Sackville	19-Mar-91	451	154	4		6	444	12	140	61		
Sackville	22-Apr-91	237	139	8		-2	244	20	85	43		
Sackville	13-May-91	195	129	0		2	209	12	85	40		
Sackville	07-Jun-91	288	141	0		24	300	10	105	57		
Sackville	15-Jul-91	267	119	0		34	322	15	100	58		
Sackville	14-Aug-91	242	235	0		-10	283	10	190	90		
Sackville	27-Sep-91	203	218	1		-20	222	12	38	62		
Sackville	21-Oct-91	231	162	1		-10	226	10	120	62		
Sackville	22-Nov-91	564	156	1		-10	196	323	110	55		
Sackville	27-Dec-91	274	181	6		2	244	9	130	64		
West	17-Jan-91	99	50	0		4	100	7	39	36		
West	27-Feb-91	110	56	1		-2	109	7	41	37		
West	18-Mar-91	102	50	1		-12	100	9	35	30		
West	23-Apr-91	85	46	0		6	109	10	29	23		
West	09-May-91	73	44	0		-2	83	7	27	24		
West	10-Jun-91	87	42	1		28	96	10	35	30		
West	16-Jul-91	106	48	0		36	117	8	34	27		
West	15-Aug-91	95	74	0		6	109	7	41	34		
West	26-Sep-91	93	42	1		22	113	9	48	39		
West	23-Oct-91	107	48	1		14	109	7	44	34		
West	22-Nov-91	85	44	1		6	100	8	49	35		
West	28-Dec-91	85	54	1		4	100	7	40	33		
Canaan	20-Jan-92	68	48	0		-14	83	8	21	22		
Canaan	24-Feb-92	90	54	1		-20	96	10	24	25		
Canaan	26-Mar-92	51	54	0		-22	91	8	21	22		
Canaan	21-Apr-92	85	46	0		-22	83	8	18	21		
Canaan	28-May-92	85	48	0		-12	87	10	21	21		

Table 2b. Continued.

River	Date	Cl^-	$\text{SO}_4^{=}$	NO_3^-	Fl^-	Alk.	Gran	Na^+	K^+	Ca^{++}	Mg^{++}	NH_4^+
		μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L
Canaan	26-Jun-92	85	48	1		-18	96	7	24	27		
Canaan	30-Jul-92	85	50	0		2	87	6	19	26		
Canaan	27-Aug-92	87	50	0		-2	96	7	19	25		
Canaan	25-Sep-92	85	48	0		-2	100	7	21	21		
Canaan	23-Oct-92	87	50	0		2	100	9	23	24		
Canaan	22-Nov-92	93	56	0		-10	104	8	27	28		
Canaan	17-Dec-92	152	54	0		2	109	61	27	25		
Gold	20-Jan-92	113	48	0		8	109	7	45	36		
Gold	27-Feb-92	141	52	4		2	139	9	55	38		
Gold	25-Mar-92	141	37	2		8	139	8	47	35		
Gold	23-Apr-92	113	48	0		8	104	8	46	27		
Gold	29-May-92	116	46	0		18	113	12	46	33		
Gold	26-Jun-92	133	44	0		30	135	10	49	37		
Gold	30-Jul-92	127	37	0		30	135	4	47	39		
Gold	26-Aug-92	113	29	0		30	135	5	60	26		
Gold	25-Sep-92	116	31	0		42	144	13	60	44		
Gold	23-Oct-92	169	50	0		28	174	10	75	53		
Gold	25-Nov-92	147	62	0		10	157	9	75	56		
Gold	17-Dec-92	564	58	0		20	144	479	70	47		
Ingram	20-Jan-92	85	62	1		4	91	9	34	28		
Ingram	27-Feb-92	90	64	0		-6	91	10	45	36		
Ingram	27-Mar-92	90	54	0		-10	91	9	35	26		
Ingram	22-Apr-92	82	60	0		-8	87	9	37	24		
Ingram	26-May-92	79	58	0		4	87	9	37	27		
Ingram	26-Jun-92	85	58	1		8	96	9	40	29		
Ingram	30-Jul-92	87	64	0		16	83	10	40	32		
Ingram	26-Aug-92	87	62	1		10	100	8	33	26		
Ingram	25-Sep-92	79	58	0		10	104	8	34	25		
Ingram	23-Oct-92	85	58	0		10	109	9	41	27		
Ingram	24-Nov-92	96	67	0		2	117	9	49	34		
Ingram	17-Dec-92	96	64	0		-2	113	9	48	30		
LaHave	24-Jan-92	147	62	0		24	126	9	60	41		
LaHave	27-Feb-92	203	67	7		30	165	12	80	54		
LaHave	26-Mar-92	178	64	11		30	161	10	75	53		
LaHave	22-Apr-92	141	60	4		30	139	9	70	39		
LaHave	27-May-92	147	58	0		38	139	18	70	41		
LaHave	26-Jun-92	144	60	3		48	144	9	75	47		
LaHave	30-Jul-92	147	71	1		56	157	9	65	56		
LaHave	26-Aug-92	155	77	0		58	161	9	80	57		
LaHave	25-Sep-92	161	73	0		68	170	10	90	62		
LaHave	23-Oct-92	226	100	0		64	213	17	120	82		
LaHave	26-Nov-92	161	94	3		38	157	11	95	66		
LaHave	17-Dec-92	183	81	0		38	148	51	80	53		
Middle	20-Jan-92	118	52	0		-10	100	7	27	28		
Middle	27-Feb-92	226	67	4		-6	222	10	50	38		
Middle	25-Mar-92	130	48	3		-8	126	8	31	28		
Middle	23-Apr-92	104	42	0		-8	104	8	34	21		
Middle	29-May-92	183	67	0		8	161	24	55	37		
Middle	26-Jun-92	138	48	0		18	139	14	49	41		

Table 2b. Continued.

River	Date	Cl ⁻	SO ₄ ²⁻	NO ₃ ⁻	F ⁻	Alk.	Gran	Na ⁺	K ⁺	Ca ⁺⁺	Mg ⁺⁺	NH ₄ ⁺
		μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L
Middle	30-Jul-92	133	46	0		16	144	1	40	38		
Middle	26-Aug-92	127	37	0		20	139	7	38	35		
Middle	24-Sep-92	133	40	0		24	148	9	46	36		
Middle	23-Oct-92	133	42	0		22	148	9	50	39		
Middle	25-Nov-92	116	50	0		-8	131	8	39	38		
Middle	17-Dec-92	178	56	0		2	148	46	55	39		
Nine Mile	20-Jan-92	226	125	4		-12	248	13	80	49		
Nine Mile	28-Feb-92	293	131	6		-6	322	14	95	54		
Nine Mile	23-Mar-92	282	123	6		-10	252	12	70	45		
Salmon	20-Jan-92	107	135	0		-22	117	7	70	44		
Salmon	23-Mar-92	135	127	6		-34	139	7	65	39		
Salmon	24-Apr-92	118	106	0		-26	113	6	60	33		
Salmon	26-May-92	116	125	0		-22	113	8	60	41		
Salmon	26-Jun-92	124	129	0		-16	109	8	65	39		
Salmon	30-Jul-92	121	129	0		-12	131	7	65	41		
Salmon	27-Aug-92	133	114	0		-8	135	7	60	41		
Salmon	25-Sep-92	161	112	0		-8	144	38	65	36		
Salmon	23-Oct-92	135	112	0		2	152	7	80	39		
Salmon	24-Nov-92	121	135	1		-12	131	7	70	46		
Salmon	18-Dec-92	130	183	0		-14	139	8	95	54		
Sackville	20-Jan-92	197	125	4		-2	200	8	95	51		
Sackville	27-Feb-92	423	119	2		2	339	13	110	54		
Sackville	23-Mar-92	338	139	6		-4	309	13	115	58		
West	24-Jan-92	130	52	0		8	104	8	38	33		
West	27-Feb-92	85	52	1		-2	104	7	36	33		
West	26-Mar-92	113	42	0		-4	104	8	39	34		
West	22-Apr-92	107	42	0		-6	96	6	43	27		
West	27-May-92	116	46	0		6	113	15	31	27		
West	26-Jun-92	118	46	2		20	122	10	43	33		
West	30-Jul-92	116	42	0		22	122	4	38	32		
West	26-Aug-92	104	40	0		28	117	3	38	34		
West	25-Sep-92	124	37	0		24	139	8	36	29		
West	23-Oct-92	121	73	0		12	135	8	65	53		
West	26-Nov-92	102	67	0		-2	122	7	50	41		
West	17-Dec-92	116	67	0		-2	122	9	50	39		
Canaan	29-Jan-93	96	60	0		-8	109	8	29	28		
Canaan	26-Feb-93	93	58	0		-20	100	10	27	25		
Canaan	31-Mar-93	87	54	1		-96	104	8	23	25		
Canaan	28-Apr-93	73	52	2		-10	87	8	20	19		
Canaan	25-May-93	73	48	0		-16	87	7	19	19		
Canaan	23-Jun-93	73	46	0		-8	91	7	20	20		
Canaan	16-Jul-93	71	50	1		-12	91	7	23	19		
Canaan	20-Aug-93	76	46	0		-2	96	6	18	19		
Canaan	22-Sep-93	85	50	0		-6	100	6	18	21		
Canaan	26-Oct-93	82	50	0		-2	100	7	20	16		
Canaan	23-Nov-93	87	54	0		-14	100	8	25	25		
Canaan	21-Dec-93	102	54	0		-22	104	7	35	25		
Gold	29-Jan-93	161	60	1		6	157	9	60	45		
Gold	25-Feb-93	133	54	2		4	131	12	50	38		

Table 2b. Continued.

River	Date	Cl^- μeq/L	$\text{SO}_4^{=}$ μeq/L	NO_3^- μeq/L	Fl^- μeq/L	Alk. μeq/L	Gran μeq/L	Na^+ μeq/L	K^+ μeq/L	Ca^{++} μeq/L	Mg^{++} μeq/L	NH_4^+ μeq/L
Gold	30-Mar-93	149	46	1			6	148	9	45	32	
Gold	26-Apr-93	90	40	0			8	96	13	45	26	
Gold	21-May-93	130	35	0			2	148	7	45	30	
Gold	23-Jun-93	104	33	0			22	126	7	42	33	
Gold	15-Jul-93	102	40	0			14	122	6	60	37	
Gold	20-Aug-93	118	44	4			30	131	5	49	35	
Gold	22-Sep-93	135	46	0			44	152	7	55	43	
Gold	26-Oct-93	158	0	0			20	165	9	85	57	
Gold	25-Nov-93	107	56	0			8	117	7	60	41	
Gold	21-Dec-93	138	50	0			-10	117	6	60	41	
Ingram	29-Jan-93	107	75	0			4	113	10	45	32	
Ingram	25-Feb-93	107	67	0			-6	109	14	41	28	
Ingram	29-Mar-93	90	58	1			-120	100	8	40	26	
Ingram	28-Apr-93	68	50	0			-8	78	16	33	19	
Ingram	21-May-93	76	54	0			-14	87	8	34	22	
Ingram	22-Jun-93	71	52	0			2	96	8	32	23	
Ingram	14-Jul-93	73	58	0			-2	91	7	40	24	
Ingram	19-Aug-93	73	52	3			16	96	7	34	23	
Ingram	21-Sep-93	73	54	0			10	117	8	36	25	
Ingram	26-Oct-93	85	54	0			-2	100	9	45	25	
Ingram	23-Nov-93	85	56	0			-2	100	9	30	16	
Ingram	21-Dec-93	102	56	0			-12	104	9	40	25	
LaHave	27-Jan-93	158	77	3			24	152	11	75	52	
LaHave	25-Feb-93	180	79	1			20	157	31	75	52	
LaHave	29-Mar-93	217	71	8			42	204	14	85	60	
LaHave	26-Apr-93	124	60	1			24	131	9	65	38	
LaHave	21-May-93	127	54	1			18	135	9	65	39	
LaHave	23-Jun-93	124	54	2			34	144	8	60	39	
LaHave	15-Jul-93	124	58	0			42	139	8	75	45	
LaHave	20-Aug-93	147	73	2			52	148	9	77	53	
LaHave	22-Sep-93	158	77	0			56	157	9	76	53	
LaHave	26-Oct-93	240	121	0			54	191	12	145	82	
LaHave	25-Nov-93	138	79	1			26	144	9	85	49	
LaHave	21-Dec-93	135	71	2			20	135	8	80	49	
Middle	29-Jan-93	183	69	2			4	183	9	55	43	
Middle	25-Feb-93	147	62	1			-8	144	14	38	30	
Middle	30-Mar-93	116	44	0			-12	126	7	30	25	
Middle	26-Apr-93	82	37	0			-8	91	8	23	19	
Middle	21-May-93	118	48	0			-14	126	8	40	30	
Middle	22-Jun-93	99	42	0			-2	122	7	35	30	
Middle	15-Jul-93	96	40	0			4	122	6	45	30	
Middle	20-Aug-93	110	37	0			14	131	6	34	30	
Middle	22-Sep-93	166	60	0			24	161	8	63	47	
Middle	26-Oct-93	133	50	0			10	148	7	50	41	
Middle	25-Nov-93	118	54	0			-14	126	7	40	33	
Middle	21-Dec-93	158	52	0			-30	139	7	40	33	
Nine Mile	22-Jun-93						-26					
Nine Mile	15-Jul-93						-22					
Nine Mile	19-Aug-93						-12					

Table 2b. Continued.

River	Date	Cl ⁻ μeq/L	SO ₄ ²⁻ μeq/L	NO ₃ ⁻ μeq/L	Fl ⁻ μeq/L	Alk. μeq/L	Gran μeq/L	Na ⁺ μeq/L	K ⁺ μeq/L	Ca ⁺⁺ μeq/L	Mg ⁺⁺ μeq/L	NH ₄ ⁺ μeq/L
Nine Mile	21-Sep-93						2					
Nine Mile	19-Oct-93						-10					
Nine Mile	23-Nov-93						-16					
Nine Mile	22-Dec-93						-16					
Salmon	25-Feb-93	71	83	1			-22	70	7	41	25	
Salmon	25-Mar-93	124	127	3			-118	135	9	65	41	
Salmon	27-Apr-93	113	119	4			-20	122	8	60	38	
Salmon	26-May-93	104	108	0			-32	113	6	55	31	
Salmon	22-Jun-93	104	129	0			-10	122	7	60	39	
Salmon	14-Jul-93	102	154	0			-32	117	6	65	38	
Salmon	19-Aug-93	110	154	0			-14	126	6	69	38	
Salmon	21-Sep-93	135	137	0			2	135	6	71	38	
Salmon	19-Oct-93	124	119	0			-10	135	8	70	41	
Salmon	23-Nov-93	113	127	0			-26	126	8	75	41	
Salmon	23-Dec-93	133	131	1			-30	126	6	80	41	
Sackville	21-May-93						10					
Sackville	22-Jun-93						2					
Sackville	14-Jul-93						-2					
Sackville	19-Aug-93						18					
Sackville	21-Sep-93						-2					
Sackville	19-Oct-93						-2					
Sackville	23-Nov-93						-10					
Sackville	28-Dec-93						-10					
West	27-Jan-93	124	69	1			-6	122	9	48	41	
West	25-Feb-93	118	67	2			-10	117	12	45	37	
West	29-Mar-93	102	46	1			2	109	7	40	32	
West	26-Apr-93	104	44	1			10	109	7	35	28	
West	21-May-93	90	37	0			-16	104	6	35	26	
West	23-Jun-93	102	37	0			12	117	6	32	26	
West	15-Jul-93	99	42	0			24	113	5	65	30	
West	20-Aug-93	124	46	0			20	135	5	42	30	
West	22-Sep-93	141	50	5			30	152	8	44	34	
West	26-Oct-93	127	92	0			8	139	8	75	57	
West	25-Nov-93	107	58	0			4	117	7	50	33	
West	21-Dec-93	102	50	0			-2	109	6	45	33	
Canaan	20-Jan-94	113	58	2			-34	113	7	30	25	
Canaan	24-Feb-94	180	64	1			-38	139	8	30	33	
Canaan	24-Mar-94	93	42	0			-24	96	6	18	20	
Canaan	25-Apr-94	87	46	0			-28	91	6	18	21	
Canaan	20-May-94	76	44	0			-16	87	6	15	18	
Canaan	23-Jun-94	79	40	0			-16	83	6	13	17	
Canaan	26-Jul-94	85	44	0			-8	100	8	16	17	
Canaan	24-Aug-94	96	50	0			-16	113	8	23	23	
Canaan	16-Sep-94	96	46	0			-16	113	7	22	21	
Canaan	27-Oct-94	93	46	0			-10	109	11	23	22	
Canaan	23-Nov-94	240	158	4			-8	222	13	140	76	
Canaan	16-Dec-94	95	53	0			-6	113	8	20	26	
Gold	19-Jan-94	262	58	4			-14	200	10	75	49	
Gold	24-Feb-94	209	54	4			-4	183	9	60	41	

Table 2b. Continued.

River	Date	Cl ⁻ μeq/L	SO ₄ ²⁻ μeq/L	NO ₃ ⁻ μeq/L	Fl ⁻ μeq/L	Alk. μeq/L	Gran μeq/L	Na ⁺ μeq/L	K ⁺ μeq/L	Ca ⁺⁺ μeq/L	Mg ⁺⁺ μeq/L	NH ₄ ⁺ μeq/L
Gold	24-Mar-94	107	37	1			-10	104	6	31	24	
Gold	22-Apr-94	87	40	0			-8	104	8	34	26	
Gold	20-May-94	79	35	0			-4	96	6	34	26	
Gold	21-Jun-94	104	31	2			28	117	7	44	30	
Gold	26-Jul-94	110	31	0			38	135	8	43	35	
Gold	23-Aug-94	116	33	0			26	144	11	43	39	
Gold	21-Sep-94	141	40	0			46	165	8	50	43	
Gold	26-Oct-94	180	54	0			32	191	14	80	67	
Gold	22-Nov-94	124	48	0			4	126	10	55	43	
Gold	16-Dec-94	136	55	0			10	131	7	55	45	
Ingram	19-Jan-94	107	60	2			-12	109	10	40	25	
Ingram	23-Feb-94	133	62	2			-20	126	12	50	33	
Ingram	25-Mar-94	90	46	0			-16	91	8	30	24	
Ingram	22-Apr-94	76	48	0			-22	83	8	26	21	
Ingram	19-May-94	76	46	0			-14	87	8	28	22	
Ingram	21-Jun-94	85	48	0			-2	91	9	32	21	
Ingram	26-Jul-94	93	50	0			12	104	9	32	23	
Ingram	18-Aug-94	90	54	0			-6	104	10	33	23	
Ingram	19-Sep-94	90	52	0			-10	109	10	36	25	
Ingram	26-Oct-94	104	54	3			10	117	10	41	29	
Ingram	22-Nov-94	166	60	0			4	161	10	70	56	
Ingram	15-Dec-94	95	57	0			-2	113	10	37	28	
LaHave	19-Jan-94	321	81	6			24	244	12	115	74	
LaHave	24-Feb-94	265	81	6			22	226	11	105	66	
LaHave	25-Mar-94	133	56	4			10	131	7	55	37	
LaHave	22-Apr-94	113	56	0			24	126	8	55	36	
LaHave	20-May-94	102	54	0			18	117	7	55	37	
LaHave	21-Jun-94	110	48	0			60	117	7	65	37	
LaHave	28-Jul-94	110	52	0			40	122	8	60	39	
LaHave	25-Aug-94	99	79	0			32	152	10	70	48	
LaHave	21-Sep-94	133	71	0			34	148	9	70	49	
LaHave	26-Oct-94	175	96	0			46	187	11	100	67	
LaHave	24-Nov-94	124	50	0			12	139	7	44	38	
LaHave	16-Dec-94	152	78	0			28	148	9	75	53	
Middle	19-Jan-94	197	54	3			-32	157	9	40	41	
Middle	25-Feb-94	302	71	4			-16	257	10	60	41	
Middle	25-Mar-94	107	37	0			-20	109	6	22	20	
Middle	22-Apr-94	107	42	0			-24	117	7	25	21	
Middle	19-May-94	116	37	0			2	131	6	27	22	
Middle	23-Jun-94	107	42	3			-4	113	7	29	24	
Middle	26-Jul-94	130	42	0			20	144	8	37	29	
Middle	23-Aug-94	144	67	0			20	161	12	65	46	
Middle	21-Sep-94	144	54	0			22	148	9	50	39	
Middle	26-Oct-94	152	58	0			12	170	10	50	43	
Middle	22-Nov-94	178	85	3			30	174	12	105	69	
Middle	16-Dec-94	133	56	0			-6	144	8	35	35	
Nine Mile	20-Jan-94						-12					
Nine Mile	24-Feb-94						-2					
Nine Mile	16-Mar-94						-16					

Table 2b. Continued.

River	Date	Cl ⁻	SO ₄ ⁼	NO ₃ ⁻	F ⁻	Alk.	Gran	Na ⁺	K ⁺	Ca ⁺⁺	Mg ⁺⁺	NH ₄ ⁺
		μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L	μeq/L
Nine Mile	22-Apr-94						-20					
Nine Mile	19-May-94						-10					
Nine Mile	22-Jun-94						-2					
Nine Mile	26-Jul-94						4					
Nine Mile	23-Aug-94	265	92	0			-18	252	10	70	37	
Nine Mile	19-Sep-94	257	85	0			-12	257	10	60	37	
Nine Mile	25-Oct-94	271	89	0			-2	261	12	70	42	
Nine Mile	22-Nov-94	141	58	0			-20	148	9	44	43	
Nine Mile	16-Dec-94	263	105	0			-4	252	12	60	45	
Salmon	20-Jan-94	206	150	5			-38	170	9	85	49	
Salmon	23-Feb-94	220	144	6			-40	174	9	80	49	
Salmon	16-Mar-94	144	100	4			-28	139	8	55	35	
Salmon	26-Apr-94	107	98	2			-28	117	7	50	31	
Salmon	19-May-94	102	104	3			-20	113	6	50	32	
Salmon	22-Jun-94	104	106	0			-8	113	6	52	30	
Salmon	25-Jul-94	127	123	0			-12	131	6	59	30	
Salmon	22-Aug-94	127	110	0			-32	135	6	60	31	
Salmon	19-Sep-94	152	106	0			-8	144	6	70	34	
Salmon	25-Oct-94	172	100	0			2	174	8	80	36	
Salmon	22-Nov-94	282	96	0			-12	278	11	65	44	
Salmon	15-Dec-94	127	151	0			-20	139	8	80	44	
Sackville	23-Feb-94						-12					
Sackville	16-Mar-94						28					
Sackville	22-Apr-94						-6					
Sackville	19-May-94						4					
Sackville	22-Jun-94						10					
Sackville	25-Jul-94						30					
Sackville	23-Aug-94	234	87	0			6	252	3	90	52	
Sackville	19-Sep-94	333	295	0			28	374	11	180	107	
Sackville	25-Oct-94	384	285	0			4	387	22	215	115	
Sackville	22-Nov-94	102	54	0			2	117	10	41	30	
Sackville	15-Dec-94	241	171	0			-2	222	8	115	63	
West	19-Jan-94	133	52	2			-10	113	6	50	33	
West	22-Feb-94	113	54	5			-4	113	7	50	33	
West	25-Mar-94	87	40	1			-14	91	5	30	25	
West	22-Apr-94	85	35	0			-2	96	7	34	24	
West	20-May-94	73	35	0			-2	87	7	34	23	
West	24-Jun-94	127	27	0			24	96	5	37	24	
West	28-Jul-94	87	31	0			22	104	9	36	25	
West	25-Aug-94	102	69	0			28	135	7	60	39	
West	21-Sep-94	102	50	0			2	113	5	42	32	
West	26-Oct-94	130	54	0			10	135	12	55	45	
West	24-Nov-94	127	35	0			-24	157	11	35	39	

