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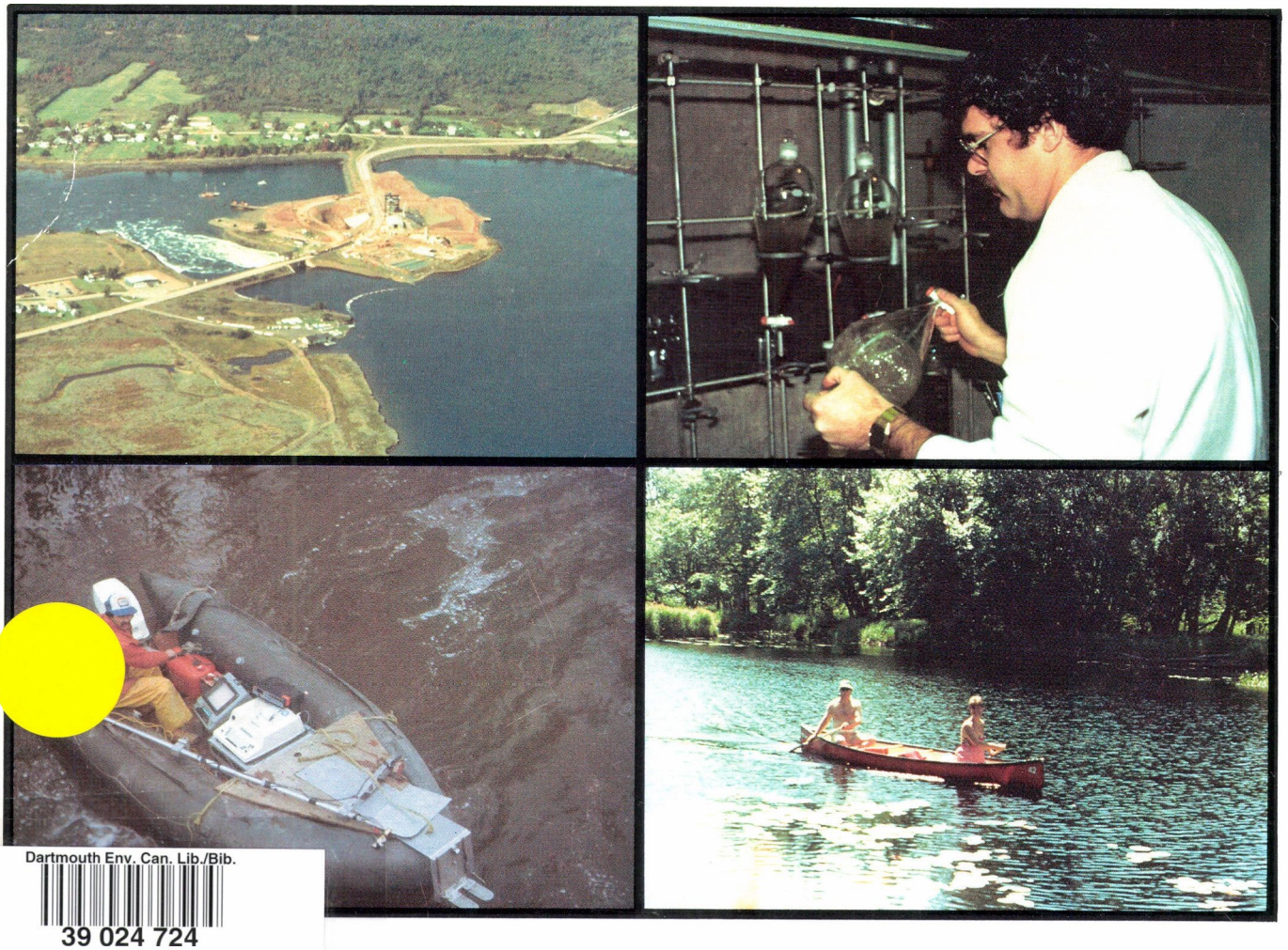
ATLANTIC REGION
FEDERAL-PROVINCIAL TOXIC CHEMICAL SURVEY OF MUNICIPAL DRINKING WATER SOURCES

DATA SUMMARY REPORT
PROVINCE OF NEWFOUNDLAND
1989-1991

WRD-AR-MEB-93-183



WATER RESOURCES DIRECTORATE
ATLANTIC REGION
MONITORING AND EVALUATION BRANCH
MONCTON, NEW BRUNSWICK

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ISBN 0-662-21045-X
DSS Cat. No. En 37-105/1-1993E

ABSTRACT

This report presents the raw data for the province of Newfoundland, for the period 1989-1991 generated by the Federal-Provincial Toxic Chemical Survey of Municipal Drinking Water Sources. All chemical analysis performed by the Monitoring and Evaluation Branch are tabulated by municipality.

SOMMAIRE

Sont présentées dans ce rapportes données brutes de 1989-1991 pour la province de Terre-Neuve, obtenues lors de l'étude fédérale-provinciale sur les substances chimiques toxiques présentes dans les sources municipales d'eau potable. Toutes les analyses chimiques, accomplies par la Direction de la surveillance continue et des évaluations sont compilées par municipalité.

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INTRODUCTION

Although Canada's overall water supply-demand balance is favorable, over 60% of river flow is carried to the North where only 10% of Canada's population lives. Various environmental contamination incidents and water shortages in recent years have increased public awareness of the environment as a whole, and of our water resources in particular. In the Atlantic Region, there has been increasing concerns about the quality of potable water. In Newfoundland, 90% of municipal systems rely upon surface water for their water supply source while Prince Edward Island is almost totally dependent upon ground water sources (Eaton et al., 1986). In Nova Scotia, 50% of the population uses ground water while 94% of the public water systems use surface water (Eaton et al., 1986).

Inland surface waters are of socio-economic importance because they are used for human consumption, agricultural and industrial production, recreational activities and aesthetic enjoyment (Eaton et al., 1986).

The Science Council of Canada (1988) reported the measurable contribution of water resources to the Canadian economy to be between $7.5 and $23 billion annually. Good quality surface waters are also of importance to the sport-fishing and tourism industries. In Canada, six million Canadians and foreign anglers spend and invest over $1.7 billion every year on goods and services directly related to sport-fishing, 90% of which takes place in freshwater (Environment Canada, 1986). It has also been estimated that $230 million could be lost in tourism alone in Northern Ontario as a result of the impact of acidic precipitation upon the water resource (Science Council of Canada, 1988). Surface waters of Atlantic Canada are also at risk from acidification through long range and local sources (Howell and Brooksbank, 1987). Tourism, which depends in part on good quality surface water, is an important economic sector for all Atlantic Provinces.

Water may support various activities, but these activities in turn represent competing demands upon the resource. These demands are exemplified by:

HUMAN

Human health depends on a supply of water that, when delivered to the consumer, meets the Maximum Acceptable Concentration (MAC) of the Guidelines for Canadian Drinking Water Quality (Health and Welfare Canada, 1987). The quality of the supply source is an indication of the overall quality of the resource.

Environment

The survival and viability of the ecosystem is dependent upon the availability of water of suitable quality.

Recreational

Activities such as hunting, fishing, boating, camping, require waters that meet aesthetic guidelines. Additionally, swimming requires that water meet the Guidelines for Canadian Recreational Water Quality (Health and Welfare Canada, 1983).

Economic

Adequate quality and quantity of supply is needed for municipal commercial development, and industries such as mining, smelting, pulp and paper, food processing and agriculture. Aquaculture, the shellfish industry, and the commercial fishery, in Atlantic Canada all depend upon good quality water.

It is not inconceivable that the same surface or ground water source may be called upon to meet the demands and expectations of these four use sectors. This study has focused upon the human health and environment aspects of water quality.

Municipal water distribution networks service residential, commercial, public and industrial sectors. The availability and quantity of water can have a direct economic effect upon a province or region. Though markets, materials, and transportation are most important in attracting industry, water is often the principal factor within a region for specific location (Tate and Laselle, 1987). In 1986, Atlantic municipal consumption was determined to be 338 million cubic metres.

Excluding industrial consumption, residential use accounts for 63% of municipal water withdrawal. Toilet uses 45% of this amount while bathing and personal, laundry and dishes, and cooking and drinking account for 28%, 23% and 4% respectively (Environment Canada, 1986). It is this 4% of consumption that is of concern to Atlantic Canadians.

Water quantity has been problematic in dug wells in Nova Scotia and the communities of Liverpool, Springhill, Truro, Trenton and Westville have experienced seasonal shortages (Eaton et al., 1986). One hundred and ninety households in the Newcastle and Bathurst areas of New Brunswick were without water for 5 weeks in 1982 and the City of St. John's, Newfoundland invoked a state of emergency relative to water shortages during the summer of 1984 (Eaton et al., 1986).

Though water quantity can be problematic, water quality is of equal concern to a number of individuals. Surface and ground waters can be affected by point sources such as landfills, chemicals used at wood preservation facilities, road salt,

chemical spills and from non-point sources such as fertilizers and pesticides on agricultural land and contaminants in rain.

Several authors (O'Neill et al., 1989; O'Neill, et al., 1992; O'Neill and Doull, 1992; Brun et al., 1991), have found measurable concentrations of pesticides such as dinoseb, chlorothalonil, atrazine, metribuzin and simazine in regional surface, ground water, and wet precipitation. These results demonstrate that water quality in the Atlantic Provinces can be influenced by point, non-point and long range transport sources.

The concerns of the provincial and federal governments for the quality of water serving as the sources of municipal drinking supplies provided the impetus for the study. This study initially involved the Government of Canada which was represented by Environment Canada (Monitoring and Evaluation Branch) and Health and Welfare Canada (Health Protection Branch) and the Newfoundland Department of Environment and Lands.

The Atlantic Region Federal-Provincial Toxic Chemical Survey of Municipal Drinking Water Sources was initially conceived in 1984 as an intergovernmental and interdepartmental pilot program to assess drinking water quality in the Atlantic Region. The program was implemented in New Brunswick, Newfoundland, and Nova Scotia in 1985 and in Prince Edward Island in 1986. Results of that survey for the years 1985-1988 were described in an Interpretive Report (Environment Canada, 1989). The potential impacts associated with natural resource development were deemed a priority for Newfoundland. The purpose of this data summary is to report on the 1989 to 1991 results of the continuation of the initial study.

COLLECTION PROCEDURES

Parameters and Sampling Sites

Following recommendations made in the Interpretive Report for the Atlantic Region Federal-Provincial Toxic Chemical Survey of Municipal Drinking Water Sources 1985-1988, the size of the survey was reduced. The current survey was focused upon areas of concern. Chlorophenols and basic water quality parameters were identified as the area of concern for Newfoundland. The parameters analysed were representative of physical parameters, major ions, metals and chlorinated phenols. The list of chemicals analysed is presented in Table 1 and includes the parameter description, detection limit, the Maximum Acceptable Concentrations (MAC) for drinking water and the CCREM (1987) aquatic limits.

Sampling sites in Newfoundland were selected by the Newfoundland Department of the Environment and Lands. At some sites only major ions and metals were analysed while at others, chlorophenols were analysed. These sites were sampled in duplicate during the spring and fall with appropriate quality control data also being taken.

Sample Collection and Preservation

The sampling of municipal drinking water sources was carried out by Newfoundland Department of Environment and Lands personnel. Samples were taken from the supply source prior to entry of the source water into any treatment system or the distribution network. The field procedures of Arseneault et al. (1984) were employed to maintain sample integrity.

All bottles used for sample collection were prepared in the analytical services laboratory in Moncton according to established procedures. Part of the quality control program was to verify these bottles for different organic and inorganic parameters. Samples were kept as cool as possible until their arrival at the Environment Canada laboratory.

The analytical procedures employed for the analysis of various parameters are very complex, thereby reinforcing the need for a comprehensive QA/QC program in place during the course of the study.

TABLE 1

Parameters Quantitated by the Monitoring & Evaluation Branch

Inorganic and Physical Parameters

DESCRIPTION	DETECTION LIMIT	HWC 1987 LIMIT	HWC BASIS	CCREM 1988 AQUATIC LIMIT
Apparent Colour (Rel. Units)	<5.	15 (TCU)	A	
Specific Conc. (µS/cm)	0.2	–	–	
Turbidity (NTU)	0.0	1&5	H	
pH (pH units)		6.5-8.5	A	6.5-9.0
Gran Alkalinity (mg/L)	-100	–	–	
Calcium-Diss (mg/L)	0.01	–	–	
Magnesium-Diss (mg/L)	0.05	–	–	
Sodium-Diss (mg/L)	0.05	–	–	
Potassium-Diss (mg/L)	0.05	–	–	
Chloride-Diss (IC) (mg/L)	0.5	250	A	
Sulphate-Diss (IC) (mg/L)	0.2	500	H	
Diss. Organic Carbon (mg/L)	0.5	–	–	
Nitrate&Nitrite-Diss (mg/L-N)	0.01	10	H	
Silica Reactive (mg/L)	0.1	–	–	
Fluoride-Diss (mg/L)	0.05	1.5	H	
Aluminum-Extr (mg/L)	0.010	-a	–	0.1-0.005*
Manganese-Extr (mg/L)	0.01	0.05	A	
Iron-Extr (mg/L)	0.002	0.3	A	0.3
Nickel-Extr (mg/L)	0.002	–	–	0.15-0.025*
Copper-Extr (mg/L)	0.002	1.0	A	.004-.002*
Zinc-Extr (mg/L)	0.01	5.0	A	0.03
Arsenic-Total (mg/L)	0.0002	0.05	H	0.05
Cadmium-Extr (mg/L)	0.001	0.005	H	.0018-0.0002*
Mercury-Extr (µg/L)	0.02	1.0	H	0.1
Lead-Extr (mg/L)	0.002	0.01(b)	H	0.007-0.001*
Chromium-Total (mg/L)	0.0002	0.05	H	.002

* Dependent upon ambient water chemistry

a) Under review

b) Revised from 0.05 in 1989

ORGANIC PARAMETERS

DESCRIPTION	DETECTION LIMIT (µg/L)	HWC 1989 LIMIT (µg/L)	HWC BASIS	CCREM 1988 AQUATIC LIMIT (µg/L)
2,6-Dichlorophenol	0.03	-	-	0.2
2,4-Dichlorophenol	0.03	-	-	0.2
3,5-Dichlorophenol	0.04	-	-	0.2
2,3-Dichlorophenol	0.03	-	-	0.2
3,4-Dichlorophenol	0.04	-	-	0.2
2,4,6-Trichlorophenol	0.03	5 (2)	H(A)	18
2,3,6-Trichlorophenol	0.01	-	-	18
2,3,5-Trichlorophenol	0.01	-	-	18
2,3,4-Trichlorophenol	0.02	-	-	18
3,4,5-Trichlorophenol	0.02	-	-	18
2,3,5,6-Tetrachlorophenol	0.005	-	-	1
2,3,4,5-Tetrachlorophenol	0.005	-	-	1
Pentachlorophenol	0.002	60(30)	H(A)	0.5

Quality Assurance/Quality Control Procedures

In order to ensure the validity of the generated data, a quality assurance/quality control (QA/QC) program was employed throughout. Each parameter group was represented within the QA/QC program, and addressed in an appropriate manner.

Firstly, all samples were collected in duplicate. In the case of metals, distilled water was obtained from the atomic absorption laboratory for the preparation of blanks to ensure the quality of the collection bottles.

Due to the complexity of the synthetic organic chemical analyses, it was necessary to have a more extensive quality assurance program. Laboratory glass distilled water was transported to the field for QA/QC purposes. In addition, natural waters collected from the sites were also spiked. Spiking solutions were prepared by personnel of the organic laboratory and contained several compounds from the chlorophenol group. The contents of the spiking solutions were modified between 1989 and 1991. A Hamilton$^{(R)}$ syringe was used for spiking samples with 100 μL of the appropriate spiking solution. The syringe was triple rinsed with solvent from a separate vial.

As part of the laboratory handling of the samples in the trace organic laboratory, method blanks were routinely incorporated into each extraction grouping to verify the integrity of the solvents, materials and glassware used in the analyses. Laboratory spikes of natural and distilled waters are also utilized on a less frequent basis than the method blanks to provide an additional internal check on the extraction methodology. The atomic absorption laboratory utilizes National Institute of Standards and Technology reference materials for internal laboratory quality control while the major ion and nutrient laboratory use internal reference materials and ion balance checks to provide control charts. All quality control samples were handled in the same manner as any regular sample by both field and laboratory personnel. Additionally, the Analytical Laboratories Division routinely participates in intra-laboratory and inter-laboratory quality control studies and audits for inorganic and organic parameters, the results of which are tabulated by the Department.

Quality Assurance/Quality Control results are presented in Appendix I.

Laboratory Procedures

Upon receipt by the Analytical Services Division, the samples were immediately placed in large storage refrigerators, assigned laboratory control numbers, laboratory preserved when required, and initialized on the laboratory management system.

Most analyses were carried out employing methods highlighted in the NAQUADAT Dictionary of Parameter Codes 1985 (Environment Canada, 1985) and the Water Quality Branch Analytical Methods Manual 1979 (Environment Canada, 1979). Some methods were modified to complement the analytical instrumentation of the laboratory, and the nature of some of the soft and coloured waters encountered in the Atlantic Region. Sulphate and chloride analyses were carried out using the ion-chromatography technique.

Chlorophenols were extracted using in-situ acetylation (Stokker, 1987) and quantified with dual column capillary gas chromatography followed by electron capture detection.

RESULTS

The purpose of this data summary is to present the reported data for the Province of Newfoundland in a manner that will facilitate subsequent distribution. This will be done in two steps. Firstly, the results section will provide a narrative description of the observations, along with the discussion and recommendations for Newfoundland. Secondly, the raw data for each municipal supply source has been tabulated in Appendix II. Unless otherwise stated, all values are an average of two samples from a duplicate.

MUNICIPALITIES SAMPLED

Table 2 presents the year of sample collection, the location, the source of the water supply, and the parameters that were measured: major ions, metals, physicals, nutrients, **M**; or chlorinated phenols **C**.

Table 2: Newfoundland Sites

1989 Sites	Source	Parameters
Baie Verte (Baie Verte River)	Surface	M
Birchy Bay (Jumpers Brook)	Surface	M
Bonavista (Long Pond)	Surface	M+C
Botwood (Peters R.)	Surface	M
Burgeo (Long Pond)	Surface	M+C
Elliston (Sandy Cove Bk)	Surface	M
Gander Bay South (Barry's Bk)	Surface	M
Harbour Breton (Connaigre Pond)	Surface	M
Harbour Main (Maloney's River)	Surface	M+C
Keels (Bolands Pond)	Surface	M
Kings Point (Bulley's Pond)	Surface	M
Lumsden (Gull Pond)	Surface	M
McIvers (Feeder Brook)	Surface	M+C
Placentia (Larkins Pond #1)	Surface	M+C
Placentia (Larkins Pond #2)	Surface	M+C
Placentia (Larkins Pond #3)	Surface	C
Placentia (Larkins Pond #4)	Surface	C
Placentia (Larkins Pond #5)	Surface	C
Pollards Point (Country Cove Pond)	Surface	M
Port aux Basques (Unnamed Lake)	Surface	M+C
Pouch Cove (North Three Island Pond)	Surface	M
Ramea (Northwest Pond)	Surface	M+C
Rushoon (Big Pond Brook)	Surface	M+C
Shoal Harbour (Shoal Harbour River)	Surface	M
Springdale (Sullivan's Pond)	Surface	M
St. Paul's (Two Mile Pond)	Surface	M
Stephenville (Noel's Pond)	Surface	M+C
Stoneville (Dog Bay Pond)	Surface	M+C
Whitbourne (Hodge River)	Surface	M

1990 Sites

Brigus (Brigus Long Pond)	Surface	M
Broad Cove (Broad Cove Pond)	Surface	M
Buchans Junction (Lapland Pond)	Surface	M
Carbonear (Island Pond)	Surface	M
Deadman's Bay (Deadman's Pond)	Surface	M
Englee	Surface	M
Gaultois (Cluett's Pond)	Surface	M
Halfway Point and John's Beach	Surface	M+C
Heart's Content (Southern Cove Pond)	Surface	M
Indian Bay (Indian Bay Brook)	Surface	M
Loon Bay (Southeast Pond)	Surface	M
Northern Arm (Muddy Hole Pond)	Surface	M
Old Pelican (Bell Pond)	Surface	M
Pasadena	Surface	M
Port aux Basques (Unnamed Lake)	Surface	M
Port Saunders	Surface	M
Rocky Harbour	Surface	M
Silverdale (Nickey's Nose Cove Pond)	Surface	M
Spaniards Bay (Rocky Pond)	Surface	M
St. Georges	Surface	M
Steady Brook	Surface	M
Summerford (Long Pond)	Surface	M
Victoria (Rocky Pond)	Surface	M
Whiteway (Jimmy Rowe's Pond)	Surface	M
Winterton (Western Pond)	Surface	M
Harbour Main (Maloney's River)	Surface	C
Placentia (Larkins Pond #1)	Surface	C
Placentia (Larkins Pond #2)	Surface	C
Placentia (Larkins Pond #3)	Surface	C
Placentia (Larkins Pond #4)	Surface	C
Placentia (Larkins Pond #5)	Surface	C
Shoal Harbour (Shoal Harbour River)	Surface	C

1991 Sites

Arnold's Cove (Reservoir)	Surface	M
Beachside (Anchor Pond)	Surface	M
Brighton (Hynes Cove Pond)	Surface	M
Cape St. George (Rouze's Brook)	Surface	M
Dunville (Wyse's Pond)	Surface	M
Embree (Trokes Cove Pond)	Surface	M+C
Flowers Cove (French Island Pond)	Surface	M+C
Fogo (Freeman's Pond)	Surface	M
Grand Bank (Grand Bank Brook)	Surface	M
Heart's Desire (Terrence Pond)	Surface	M
Hickman's Harbour (Big Loss Pond)	Surface	M
Irishtown (Irishtown Brook)	Surface	M
Marystown (Linton Lake)	Surface	M
Milltown-Head of Bay D'Espoir (Jersey Pond)	Surface	M+C
Plate Cove East (East Pond)	Surface	M

Phillips Head (Dogberry Brook)	Surface	M
Roddickton (East Brook Pond)	Surface	M
Shoe Cove (Shoe Cove Pond)	Surface	M
St. Lawrence (St. Lawrence River)	Surface	M
Stephenville (Noel's Pond)	Surface	M
Summerside (Pynn's Pond)	Surface	M
Trepassey (Northeast Brook)	Surface	M
Trinity (Southwest Feeder Pond)	Surface	M
Twillingate (Stockley's Pond)	Surface	M
Bellevue (Big Pond)	Surface	C
Buchans (Buchans Lake)	Surface	C
Cupids (Cupids Pond)	Surface	C
George's Brook (George's Brook)	Surface	C
Goose Cove East (Jack's Pond)	Surface	C
Harbour Main (Maloney's River)	Surface	C
Port Saunders (Tom Taylor's Pond)	Surface	C
Salvage (Wild Cove Pond)	Surface	C
Three Mile Rock (Reservoir)	Surface	C
Torbay (North Pond)	Surface	C
Triton (Triton Pond)	Surface	C
Trout River (Trout River Brook)	Surface	C

(M) = analyzed for major ions, nutrients, physical parameters and metals

(C) = analyzed for chlorophenols

Parameter Specific Results

Inorganic Parameters

Arsenic

The Maximum Acceptable Concentration (MAC) of arsenic in Canadian Drinking Water is 0.05 mg/L (Health and Welfare Canada, 1987). All observations were below the MAC with values ranging from less than the detection limit (0.0005 mg/L) to 0.0010 mg/L.

Cadmium

All observations for cadmium were below the MAC of 0.005 mg/L. All values were below the detection limit (0.001 mg/L) except for one sample out of a duplicate from Gaultois which had a value of 0.001 mg/L.

Chloride

All observations were below the aesthetic guideline of 250 mg/L.

Chromium

All observations for chromium were below the MAC of 0.05 mg/L. Most values were either less than the detection limit (0.0002 mg/L) or at the detection limit.

Copper

Almost all copper observations were below the detection limit of 0.002 mg/L and were thus below the MAC of 1.0 mg/L.

Fluoride

The majority of the observations for fluoride were less than the detection limit of 0.05 mg/L. The few positive values reported were 1 to 2 times the detection limit. All observations were thus well below the MAC of 1.5 mg/L.

Iron

The aesthetic objective for iron has been established at 0.3 mg/L. Fourteen municipalities had iron values above this guideline. Elliston, St. Paul's, Lumsden, Burgeo, Ramea and Pouch Cove in 1989, Gaultois, Deadman's Bay and Broad Cove in 1990 and Arnold's Cove, Twillingate, Fogo, Milltown and Plate Cove East in 1991 were all above the 0.3 mg/L guideline. Values for these communities ranged from 0.310 mg/L to 1.700 mg/L.

Sulphate

All observations were below the 500 mg/L aesthetic guideline.

Lead	The MAC for lead in drinking water is 0.01 mg/L. Most observations were below the detection limit (0.002 mg/L) with a few values at the detection limit.
Manganese	The aesthetic objective for manganese has been established at 0.05 mg/L. Baie Verte and Elliston in the fall of 1989, Englee and Broad Cove in the spring of 1990, and Arnold's Cove, Fogo, Milltown, Marystown, Plate Cove East and Dunville in 1991 all reported values above the 0.05 mg/L guideline. These values ranged from 0.07 to 0.18 mg/L.
Mercury	All observations were below the 0.02 μg/L detection limit and thus below the 0.1 μg/L MAC.
Nitrate + Nitrite	The analytical method used reports only, the total for nitrate + nitrite. The MAC for nitrate is 10 mg/L-N while that for nitrate is 1.0 mg/L-N. All observations for combined nitrate-nitrite were under both MACs.
pH	The pH guideline for Canadian Drinking Water is a range from 6.5 to 8.5 pH units (Health and Welfare Canada, 1987). Several communities had water with a pH below this range: Rushoon, Elliston, St. Paul's, Kings Point, Lumsden, Port aux Basques, Burgeo, Ramea, Bonavista, Keels, Pouch Cove in 1989; Englee, Steady Brook, Indian Bay, Port aux Basques, Gaultois, Buchan's Junction, Deadman's Bay, Carbonear, Old Pelican, Victoria, Heart's Content, Broad Cove, Brigus, Winterton and Whiteway in 1990; and St. Lawrence, Trepassy, Summerside, Shoe Cove, Beachside, Trinity, Fogo and Plate Cove East in 1991. As all of these municipalities have highly coloured water and elevated levels of dissolved organic carbon, these low pH values are thought to be caused by organic acids.
Zinc	All observations for zinc were either at the detection limit of 0.01 mg/L or below this value. Therefore all observations were below the aesthetic objective of 5.0 mg/L.

Colour

During this survey, several municipalities had colour levels above the aesthetic objective of 15 TCU. Eighty-one percent of the municipalities had colour levels in excess of the guideline with the majority of values ranging from 20 to 160 RCU. Lumsden and Ramea had identical fall values of 220 in 1989. Colour is thought to be primarily due to the presence of organic acids, iron and manganese.

Turbidity

The MAC for turbidity in drinking water is set at 1 NTU with a maximum allowable concentration of 5 NTU if it does not cause interferences with any disinfection process. Five municipalities had turbidity levels higher than the 1 NTU MAC but below the 5 NTU maximum allowable concentration. St. Paul's and Arnold's Cove had respective fall values of 15.0 and 6.6, but the spring samples were within the MAC.

ORGANIC AND PESTICIDE PARAMETERS

Chlorinated phenols were the only class of organic chemicals monitored during this survey. Chlorinated phenols are used as fungicides, algicides, biocides, disinfectants, dyes and as wood preservatives (CCREM, 1987). Chlorinated phenols are mostly used in Newfoundland as a wood preservative, and were identified as a priority in the initial study (Environment Canada, 1989).

Thirteen different CP congeners were quantified in this survey. All chlorophenols with the exception of pentachlorophenol (PCP) were below the detection limit. PCP was detected in 8 different locations during the course of this survey with concentrations ranging from 0.002 to 0.021 µg/L. It is worthwhile noting that five of the locations were all within the same pond (Larkin's Pond) where power poles treated with a wood preservative were present. These five sites were selected as part of a more intensive study in Larkin's Pond. Most of the observations were in one sample out of a duplicate. Results from Placentia (Larkin's Pond #1), Goose Cove East, Stephenville, and Port aux Basques were positive in both samples of a duplicate in spring and fall. All values reported are well below the MAC for PCP which is 60 µg/L. They do however point to treated power poles as a source of contaminants that can enter water supply sources.

DISCUSSION

All of the municipal raw sources sampled in Newfoundland were surface waters. Based upon the parameters quantified during this study, the municipal raw sources sampled in Newfoundland meet for the most part the maximum acceptable concentrations specified in the Guidelines for Canadian Drinking Water Quality (Health and Welfare Canada, 1987). The aesthetic objectives or iron, manganese, colour, pH and turbidity were the most frequently encountered parameters outside the aesthetic objectives.

The high values of iron, manganese, and colour and low pH observations encountered in this study are thought to be a reflection of the geochemistry and hydrology of the area. High concentrations of iron and/or manganese can stain laundry and plumbing, while giving beverages an undesirable taste. Colour and low pH (below pH 6.5) are primarily aesthetic factors though waters that are too aggressive may result in increased heating and plumbing maintenance costs due to corrosion. Acid precipitation may also be contributing. The inputs of acidic precipitation from both localized and long range sources has been documented in the region (Howell and Brooksbank, 1987) as have the impacts upon various aquatic life forms, especially the Atlantic salmon (Watt, 1987).

Surface water data were also compared to the CCREM (1987) guidelines for the protection of the aquatic environment. This comparison is valid for surface waters as they are frequented by aquatic and terrestrial life forms. Metal observations were all below the guidelines for aquatic life except for aluminum which was regularly exceeded. Values for aluminum exceeding the 0.1 mg/L guideline ranged from 0.110 to 0.530 mg/L. Driscoll et al. (1980) have shown that inorganic aluminum (soluble) is toxic to fish. They have also shown that the concentration of the inorganic fraction of aluminum (in water) is negatively correlated with pH.

As aluminum complexes with organic ligands, the use of total or extractable aluminum data in highly coloured waters as is the case in Newfoundland, may overestimate the potential metal toxicity (Howell and Brooksbank, 1987). Clair and Komadina (1984) have shown that approximately 95% of the aluminum is in complexed form and thus biological effects are minimized.

Data from this study indicate natural inputs such as manganese, iron and colour, inputs from both natural and anthropogenic sources such as pH, and measurable inputs stemming from anthropogenic sources such as PCP.

RECOMMENDATIONS

Newfoundland with its greater dependence upon surface waters differs from the other Atlantic Provinces, especially from Prince Edward Island. Both natural and anthropogenic sources have been responsible for levels of pollutant exceeding the aesthetic objectives.

Because Newfoundland is primarily dependent upon surface waters, the problems traditionally associated with surface waters are most immediate. Soil erosion, runoff from industrial, commercial developments, landfill site runoff, improper disposal of waste, and effluents are potential inputs. Trace quantities of pentachlorophenol do show that anthropogenic activities have had a measurable effect on surface waters although at concentrations well below established MACs.

The fact that large area, small volume surface water sources predominate, municipalities are more likely to experience seasonal shortages, especially during late summer when demand are at a peak. Problems with water quality would then compound water shortages; firstly, by concentrating some pollutants and secondly, by placing demands on water proximal to the sediment bed, which if disturbed, can resuspend pollutants that have settled in the sediments. Thus, it is suggested that more attention be given to evaporation as an important output from open water supply sources. An inventory of potential sources of contaminants within a watershed would be useful to help ascertain risks.

ACKNOWLEDGEMENTS

This study would not have been possible without the cooperation of the various district water quality officers and municipal water departments who sampled the raw sources for sample collection. In particular, the authors wish to acknowledge Floyd Barnes, Ian Bell and Robert Wight.

The personnel of the Monitoring & Evaluation Branch, Analytical Laboratory Division, Organic and Inorganic Sections, must be acknowledged for their significant contribution to this project. The personnel of the Monitoring & Evaluation Branch, Electronic Data Processing Section, must also be thanked for their assistance in data manipulation and retrieval.

The various reviewers who commented upon the text and its revisions are thanked for their efforts.

Mrs. Louise Boulter must be thanked for her patience in typing the manuscript.

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APPENDIX I

Quality Assurance/Quality Control Results

The intent of the Quality Assurance/Quality Control component was to monitor the entire survey in three provinces encompassing field techniques with respect to sample collection, preservation, handling and transport, as well as analytical procedures, laboratory data entry and reporting. The major portion of QA/QC fell into the area of spiked samples and spiked distilled water. The use of spiked media was critical in measuring field preservation and analytical quantitation techniques.

There were several factors that had to be considered when interpreting the resultant QA/QC data. Each of these factors can introduce variability to the results and influence spike recoveries. Early in each sampling year, a new spiking solution was prepared by Analytical Laboratory Division personnel for use during that season's sampling. This solution could have been prepared by any one of four individuals. Thus there would be inherent minor differences due to individual laboratory techniques of each person. The quality of any individual neat or stock standard could influence the quality of the final prepared spike. Spikes were prepared so that the concentration of a constituent would be approximately 10 times its detection limit. This was also near the concentration injection of the standard thus providing a check on the standard solutions.

Spiking would have been carried out by Monitoring and Evaluation Branch personnel using a 100 μL syringe size. Though 100 μL was the predetermined volume of spiking solution added, syringe technique variances would have applied, coupled with the tolerances of a specific syringe.

Lastly, the analytical conditions were established on a broad scan basis. For example, in the quantification of the organochlorines, the optimal conditions were established for a scan of 17 chemicals and PCBs rather than for a single constituent of the group.

In order to describe any variances, the minimum, maximum, mean and median percent recoveries were calculated as well as the standard deviation. Chau et al. (1986) used a standard deviation of 25% as a guideline in evaluating analytical performance of private sector contract laboratories. This same value was employed in this interpretation.

For the province of Newfoundland, readers should examine the chlorophenol (CP) results and discussion.

Organochlorines (OC)

Twelve OC's were on the 1989 spiking list while the 1990 list contained 13 OC's. OC's were not on the 1991 parameter list. Results from 1989 were good with standard deviations ranging from 4.6 to 39.4%. Comparisons of these results with 1990 data is not relevant since only two samples were spiked in 1990 for OC's.

Chlorobenzenes (CB)

Four CB's were quantified in 1989 with good results. Good results were also obtained in 1990 when 11 CB's were on the spiking list. In 1991, only two samples were analysed for CB's, this resulted in high standard deviations for all congeners.

Polyaromatic Hydrocarbons (PAH)

Six PAH's were on the spiking list for 1989-1991. Benzo(g,h,i)Perylene had a standard deviation of 160.0 in 1990 for reasons that could not be identified. Performance for other congeners was acceptable.

Chlorophenols (CP)

Seven CP's were on the 1989 spiking list while the 1990 and 1991 spiking lists contained 13 CP's. Good results for CP's were produced in 1989 and 1990. Performance for CP's in 1991 was poor with six out of thirteen congeners being flagged.

Carbamates

Five carbamates were on the 1989-1991 spiking list. Carbamates were among the compounds with the highest standard deviations. These results can partially be explained by the fact that carbamates are not a stable group of compounds and that few samples were spiked with carbamates in 1991.

Organophosphorus (OP)

Six OP's were on the 1989 spiking list while 4 and 14 OP's were on the 1990 and 1991 lists respectively. For the majority of compounds, standard deviations were below 25% thus indicating good precision of the analysis. However, mean recoveries were often below 60%. Data from 1991 was obtained from only 2 samples which restricts use of this data for statistical purposes. As the OP's are as a group, generally less stable than the other groups quantified, it was expected that variance in the recoveries would be larger. This is demonstrated by the recoveries which range from 21.7% for imidan in 1989 to 176.9% for parathion in 1991.

Triazines

Results for the triazine herbicides were good all years.

Table 3 presents a group summary and the number of flagged results that exceeded the 25% standard deviation of Chau et al. (1986). There was only one documented sample that had evaporated. As this did not change the number of flagged groups, no table was produced for edited data as in previous reports.

TABLE 3

YEARLY QA/QC RAW DATA

PARAMETER GROUPS AND FLAGS*

	OC	CB	PAH	OP	CP	CARB	TR	PY	T.FLAGS		#SPIKES	%FLAG
1989	5	0	2	2	2	2	0	-	13	41	31.7	
1990	0	0	2	1	3	3	0	-	9	53	17.0	
1991	0	9	1	1	6	2	0	1	20	55	36.3	

* Using 25% StDev of Chau et al. (1986)

As can be seen from Table 3, 1991 appears to be the worst year in terms of percentage of flagged values. This can be explained by the fact that for all compounds with the exceptions of chlorophenols, only two samples were spiked for QA/QC purposes. This significantly restricts the use of this data for statistical interpretation.

Two samples for chlorophenols in 1990 had average recoveries greater than 150% thereby suggesting an incidence of double spiking. Assuming double spiking actually occurred, values divided by two would be in the range of other spikes for chlorophenols. As the incidence of double spiking could not be confirmed, results must be accepted as such.

Overall, results from this QA/QC aspect are considered acceptable, and support the observations recorded in the study.

APPENDIX II

MUNICIPAL SUPPLY DATA

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 00NF02ZK0004 ARNOLDS COVE WATER SUPPLY

DATE	TIME	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	06107L DOC (MG/L)	09105L FLUORIDE (MG/L)
91-06-04	0830	2.2	.55	4.1	.28	3.9	L.05
91-06-04	0835	2.2	.55	4.1	.29	3.7	L.05
91-10-23	0900	2.7	.69	4.5	.36	5.2	L.05
91-10-23	0901	2.7	.69	4.3	.39	5.3	L.05
MAX		2.7	.69	4.5	.39	5.3	L.05
MIN		2.2	.55	4.1	.28	3.7	L.05

DATE	TIME	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)
91-06-04	0830	.060	L.0002	.020	.09	L.002	L.002
91-06-04	0835	.056	L.0002	.020	.09	L.002	L.002
91-10-23	0900	.44	.0003	.140	.420	L.002	L.002
91-10-23	0901	.44	.0003	.140	.450	L.002	L.002
MAX		.44	.0003	.140	.450	L.002	L.002
MIN		.056	L.0002	.020	.09	L.002	L.002

DATE	TIME	30304L ZINC (MG/L)	48302L CADMIUM (MG/L)	82302L LEAD (MG/L)	02073L TURB (JTU)	10301L pH (UNITS)	17209L Cl (MG/L)
91-06-04	0830	L.01	L.001	L.002	.4	6.8	5.1
91-06-04	0835	L.01	L.001	L.002	.4	6.8	5.
91-10-23	0900	L.01	L.001	L.002	6.6	6.9	5.3
91-10-23	0901	L.01	L.001	L.002	6.6	7.0	5.6
MAX		L.01	L.001	L.002	6.6	7.0	5.6
MIN		L.01	L.001	L.002	.4	6.8	5.

DATE	TIME	16309L SO4 (MG/L)	07315L NO3 (MG/L)	80315L MERCURY (UG/L)	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	10110L GRAN ALK (MG/L)
91-06-04	0830	2.4	.03	L.02	20.	36.	5.8
91-06-04	0835	2.3	.02	L.02	15.	36.	6.0
91-10-23	0900	2.2	.03	L.02	45.	41.	8.5
91-10-23	0901	2.3	.03	L.02	40.	41.	8.7
MAX		2.4	.03	L.02	45.	41.	8.7
MIN		2.2	.02	L.02	15.	36.	5.8

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 00NF02ZK0004 ARNOLDS COVE WATER SUPPLY

DATE	TIME	33007L ARSENIC (MG/L)
91-06-04	0830	----
91-06-04	0835	----
91-10-23	0900	.0005
91-10-23	0901	.0005
MAX		.0005
MIN		.0005

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 00NF02YM0005 BAIE VERTE WATER SUPPLY AT INTAKE

DATE	TIME	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	10101L T ALK (MG/L)	20110L Ca (MG/L)
89-10-30	1201	35.	55.	.5	6.9	9.8	4.5
89-10-30	1208	35.	54.	.6	6.8	9.6	4.4
MAX		35.	55.	.6	6.9	9.8	4.5
MIN		35.	54.	.5	6.8	9.6	4.4

DATE	TIME	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)	16304L SO4 (MG/L)	16309L SO4 (MG/L)
89-10-30	1201	1.2	3.8	.45	7.2	3.1	2.8
89-10-30	1208	1.2	3.9	.46	7.1	3.0	2.8
MAX		1.2	3.9	.46	7.2	3.1	2.8
MIN		1.2	3.8	.45	7.1	3.0	2.8

DATE	TIME	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14102L Si (MG/L)	09105L FLUORIDE (MG/L)	13305L Al (MG/L)	25304L Mn (MG/L)
89-10-30	1201	L.01	6.0	2.6	L.05	.092	.070
89-10-30	1208	L.01	5.9	2.6	L.05	.090	.070
MAX		L.01	6.0	2.6	L.05	.092	.070
MIN		L.01	5.9	2.6	L.05	.090	.070

DATE	TIME	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)
89-10-30	1201	.15	L.002	L.002	L.01	L.0005	L.001
89-10-30	1208	.16	L.002	L.002	L.01	L.0005	L.001
MAX		.16	L.002	L.002	L.01	L.0005	L.001
MIN		.15	L.002	L.002	L.01	L.0005	L.001

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 00NF02YM0005 BAIE VERTE WATER SUPPLY AT INTAKE

DATE	TIME	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	24004L Cr (MG/L)	16313L SO4 (MG/L)	14109L SiO2 (MG/L)
89-10-30	1201	L.02	L.002	.0005	3.19	2.61
89-10-30	1208	L.02	L.002	.0005	3.07	2.65
MAX		L.02	L.002	.0005	3.19	2.65
MIN		L.02	L.002	.0005	3.07	2.61

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02YM0025 BEACHSIDE MUNICIPAL WATER SUPPLY SOURCE

DATE	TIME	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)	16309L SO4 (MG/L)
91-05-21	1102	2.0	.46	1.9	.19	1.9	1.4
91-05-21	1105	2.0	.46	1.9	.19	1.9	1.3
91-10-21	1210	3.3	.72	2.6	.19	3.4	1.8
91-10-21	1220	3.4	.78	2.6	.19	3.3	1.6
MAX		3.4	.78	2.6	.19	3.4	1.8
MIN		2.0	.46	1.9	.19	1.9	1.3

DATE	TIME	07315L NO3 (MG/L)	06107L DOC (MG/L)	09105L FLUORIDE (MG/L)	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)
91-05-21	1102	.02	6.5	L.05	.20	.0003	.030
91-05-21	1105	.02	6.6	L.05	.20	.0003	.030
91-10-21	1210	.01	10.4	L.05	.22	.0005	L.010
91-10-21	1220	.01	10.5	L.05	.22	.0005	L.010
MAX		.02	10.5	L.05	.22	.0005	.030
MIN		.01	6.5	L.05	.20	.0003	L.010

DATE	TIME	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)
91-05-21	1102	.240	L.002	L.002	L.01	L.001	L.02
91-05-21	1105	.240	L.002	L.002	L.01	L.001	L.02
91-10-21	1210	.220	L.002	L.002	L.01	L.001	L.02
91-10-21	1220	.200	L.002	L.002	L.0	L.001	L.02
MAX		.240	L.002	L.002	L.0	L.001	L.02
MIN		.200	L.002	L.002	L.0	L.001	L.02

DATE	TIME	82302L LEAD (MG/L)	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	10110L GRAN ALK (MG/L)
91-05-21	1102	L.002	70.	23.	.4	6.3	4.9
91-05-21	1105	L.002	65.	22.	.4	6.3	4.8
91-10-21	1210	L.002	75.	32.	.4	6.7	8.1
91-10-21	1220	L.002	85.	32.	.4	6.6	8.0
MAX		L.002	85.	32.	.4	6.7	8.1
MIN		L.002	65.	22.	.4	6.3	4.8

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02YM0025 BEACHSIDE MUNICIPAL WATER SUPPLY SOURCE

DATE	TIME	33007L ARSENIC (MG/L)
91-05-21	1102	----
91-05-21	1105	----
91-10-21	1210	L.0005
91-10-21	1220	L.0005
MAX		L.0005
MIN		L.0005

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02ZK0017 BELLEVUE MUNICIPAL WATER SUPPLY AT BIG PD

DATE	TIME	17704L 2-6-DCP (UG/L)	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)	17705L 3-4-DCP (UG/L)	17713L 2-4-6TCP (UG/L)
91-06-05	1250	L.03	L.02	L.04	L.03	L.04	L.03
91-06-05	1255	L.03	L.02	L.04	L.03	L.04	L.03
91-10-16	1430	L.03	L.02	L.04	L.03	L.04	L.03
91-10-16	1435	L.03	L.02	L.04	L.03	L.04	L.03
MAX		L.03	L.02	L.04	L.03	L.04	L.03
MIN		L.03	L.02	L.04	L.03	L.04	L.03

DATE	TIME	17712L 2-3-6TCP (UG/L)	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)	17721L 2356 TECP (UG/L)	17720L 2345 TCP (UG/L)
91-06-05	1250	L.01	L.01	L.02	L.02	L.005	L.005
91-06-05	1255	L.01	L.01	L.02	L.02	L.005	L.005
91-10-16	1430	L.01	L.01	L.02	L.02	L.005	L.005
91-10-16	1435	L.01	L.01	L.02	L.02	L.005	L.005
MAX		L.01	L.01	L.02	L.02	L.005	L.005
MIN		L.01	L.01	L.02	L.02	L.005	L.005

DATE	TIME	17804L PCP (UG/L)
91-06-05	1250	L.002
91-06-05	1255	L.002
91-10-16	1430	L.002
91-10-16	1435	L.002
MAX		L.002
MIN		L.002

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 00NF02YD1254 BIRCHY BAY WATER SUPPLY AT JUMPERS BROOK

DATE	TIME	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	10101L T ALK (MG/L)	20110L Ca (MG/L)
89-06-14	1215	25.	40.	.4	6.8	8.5	3.1
89-06-14	1216	25.	40.	.4	6.9	8.8	3.1
89-10-30	1430	50.	50.3	.6	6.8	11.3	4.1
89-10-30	1435	50.	50.7	.7	6.8	11.1	4.2
MAX		50.	50.7	.7	6.9	11.3	4.2
MIN		25.	40.	.4	6.8	8.5	3.1

DATE	TIME	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)	16304L SO4 (MG/L)	16309L SO4 (MG/L)
89-06-14	1215	.89	3.4	.20	4.9	2.1	1.3
89-06-14	1216	.89	3.3	.22	4.9	1.9	1.4
89-10-30	1430	1.4	4.1	.30	5.8	**TC**	1.4
89-10-30	1435	1.3	4.1	.30	5.7	**TC**	1.3
MAX		1.4	4.1	.30	5.8	2.1	1.4
MIN		.89	3.3	.20	4.9	1.9	1.3

DATE	TIME	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14102L Si (MG/L)	09105L FLUORIDE (MG/L)	13305L Al (MG/L)	25304L Mn (MG/L)
89-06-14	1215	L.01	4.1	.12	L.05	.022	.02
89-06-14	1216	L.01	4.2	.12	L.05	.026	.02
89-10-30	1430	L.01	7.9	1.8	L.05	.038	L.010
89-10-30	1435	L.01	7.7	1.8	L.05	.038	L.010
MAX		L.01	7.9	1.8	L.05	.038	.02
MIN		L.01	4.1	.12	L.05	.022	L.010

DATE	TIME	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)
89-06-14	1215	.12	L.002	L.002	L.01	L.0005	L.001
89-06-14	1216	.12	L.002	L.002	L.01	L.0005	L.001
89-10-30	1430	.18	L.002	L.002	L.01	.0006	L.001
89-10-30	1435	.18	L.002	L.002	L.01	.0005	L.001
MAX		.18	L.002	L.002	L.01	.0006	L.001
MIN		.12	L.002	L.002	L.01	L.0005	L.001

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 00NF02YO1254 BIRCHY BAY WATER SUPPLY AT JUMPERS BROOK

DATE	TIME	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	24004L Cr (MG/L)	16313L SO4 (MG/L)	14109L SiO2 (MG/L)
89-06-14	1215	L.02	L.002	——	——	——
89-06-14	1216	L.02	.002	——	——	——
89-10-30	1430	L.02	L.002	L.0002	1.89	1.79
89-10-30	1435	L.02	L.002	.0003	2.31	1.83
MAX		L.02	.002	.0003	2.31	1.83
MIN		L.02	L.002	L.0002	1.89	1.79

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02ZJ0009 BONAVISTA - LONG POND AT INTAKE

DATE	TIME	17704L 2-6-DCP (UG/L)	17703L 2-5-DCP (UG/L)	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)	17705L 3-4-DCP (UG/L)
89-06-19	1201	——	——	——	——	——	——
89-06-19	1205	——	——	——	——	——	——
89-06-20	1201	L.03	L.02	L.02	L.04	L.03	L.04
89-06-20	1205	L.03	L.02	L.02	L.04	L.03	L.04
89-10-23	1240	L.03	L.02	L.02	L.04	L.03	L.04
89-10-23	1241	——	——	——	——	——	——
89-10-23	1242	——	——	——	——	——	——
89-10-23	1245	L.03	L.02	L.02	L.04	L.03	L.04
MAX		L.03	L.02	L.02	L.04	L.03	L.04
MIN		L.03	L.02	L.02	L.04	L.03	L.04

DATE	TIME	17713L 2-4-6TCP (UG/L)	17712L 2-3-6TCP (UG/L)	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)	17721L 2356 TECP (UG/L)
89-06-19	1201	——	——	——	——	——	——
89-06-19	1205	——	——	——	——	——	——
89-06-20	1201	L.03	L.01	L.01	L.02	L.02	L.005
89-06-20	1205	L.03	L.01	L.01	L.02	L.02	L.005
89-10-23	1240	L.03	L.01	L.01	L.02	L.02	L.005
89-10-23	1241	——	——	——	——	——	——
89-10-23	1242	——	——	——	——	——	——
89-10-23	1245	L.03	L.01	L.01	L.02	L.02	L.005
MAX		L.03	L.01	L.01	L.02	L.02	L.005
MIN		L.03	L.01	L.01	L.02	L.02	L.005

DATE	TIME	17720L 2345 TCP (UG/L)	17804L PCP (UG/L)	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)
89-06-19	1201	——	——	5.	69.	.4	5.9
89-06-19	1205	——	——	5.	69.	.4	5.9
89-06-20	1201	L.005	L.002	——	——	——	——
89-06-20	1205	L.005	L.002	——	——	——	——
89-10-23	1240	L.005	L.002	——	——	——	——
89-10-23	1241	——	——	20.	79.	.9	6.2
89-10-23	1242	——	——	20.	78.	.9	6.1
89-10-23	1245	L.005	L.002	——	——	——	——
MAX		L.005	L.002	20.	79.	.9	6.2
MIN		L.005	L.002	5.	69.	.4	5.9

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02ZJ0009 BONAVISTA - LONG POND AT INTAKE

DATE	TIME	10110L GRAN ALK (MG/L)	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)
89-06-19	1201	.9	1.2	.91	9.7	.26	16.9
89-06-19	1205	.9	1.2	.92	9.5	.26	16.5
89-06-20	1201	——	——	——	——	——	——
89-06-20	1205	——	——	——	——	——	——
89-10-23	1240	——	——	——	——	——	——
89-10-23	1241	——	1.6	.94	10.0	.21	16.6
89-10-23	1242	——	1.4	.90	10.9	.30	17.8
89-10-23	1245	——	——	——	——	——	——
MAX		.9	1.6	.94	10.9	.30	17.8
MIN		.9	1.2	.90	9.5	.21	16.5

DATE	TIME	16304L SO4 (MG/L)	16309L SO4 (MG/L)	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14102L Si (MG/L)	09105L FLUORIDE (MG/L)
89-06-19	1201	3.6	2.9	L.01	2.8	.8	L.05
89-06-19	1205	3.7	2.8	L.01	2.9	.8	L.05
89-06-20	1201	——	——	——	——	——	——
89-06-20	1205	——	——	——	——	——	——
89-10-23	1240	——	——	——	——	——	——
89-10-23	1241	**TC**	3.	L.01	3.8	1.3	L.05
89-10-23	1242	**TC**	2.9	L.01	3.7	1.3	L.05
89-10-23	1245	——	——	——	——	——	——
MAX		3.7	3.	L.01	3.8	1.3	L.05
MIN		3.6	2.8	L.01	2.8	.8	L.05

DATE	TIME	13305L Al (MG/L)	25304L Mn (MG/L)	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)
89-06-19	1201	.037	.02	.09	L.002	.002	L.01
89-06-19	1205	.035	.02	.09	L.002	L.002	L.01
89-06-20	1201	——	——	——	——	——	——
89-06-20	1205	——	——	——	——	——	——
89-10-23	1240	——	——	——	——	——	——
89-10-23	1241	.053	.020	.21	L.002	L.002	L.01
89-10-23	1242	.052	.020	.20	L.002	L.002	L.01
89-10-23	1245	——	——	——	——	——	——
MAX		.053	.02	.21	L.002	.002	L.01
MIN		.035	.02	.09	L.002	L.002	L.01

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02ZJ0009 BONAVISTA - LONG POND AT INTAKE

DATE	TIME	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	10101L T ALK (MG/L)	24004L Cr (MG/L)
89-06-19	1201	L.0005	L.001	L.02	L.002	——	——
89-06-19	1205	L.0005	L.001	L.02	L.002	——	——
89-06-20	1201	——	——	——	——	——	——
89-06-20	1205	——	——	——	——	——	——
89-10-23	1240	——	——	——	——	——	——
89-10-23	1241	L.0005	L.001	L.02	L.002	2.0	L.0002
89-10-23	1242	L.0005	L.001	L.02	L.002	2.0	L.0002
89-10-23	1245	——	——	——	——	——	——
MAX		L.0005	L.001	L.02	L.002	2.0	L.0002
MIN		L.0005	L.001	L.02	L.002	2.0	L.0002

DATE	TIME	16313L SO4 (MG/L)	14109L SiO2 (MG/L)
89-06-19	1201	——	——
89-06-19	1205	——	——
89-06-20	1201	——	——
89-06-20	1205	——	——
89-10-23	1240	——	——
89-10-23	1241	3.09	1.35
89-10-23	1242	3.11	1.35
89-10-23	1245	——	——
MAX		3.11	1.35
MIN		3.09	1.35

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 00NF02YD0022 BOTWOOD WATER SUPPLY @ PETERS R. @ INTAKE

DATE	TIME	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	10101L T ALK (MG/L)	20110L Ca (MG/L)
89-06-14	1201	50.	59.	.5	7.3	20.3	7.5
89-06-14	1205	50.	59.	.5	7.3	20.8	7.4
89-10-25	1425	80.	50.	.6	7.0	14.9	6.2
89-10-25	1430	80.	53.	.6	7.0	14.7	6.2
MAX		80.	59.	.6	7.3	20.8	7.5
MIN		50.	50.	.5	7.0	14.7	6.2

DATE	TIME	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)	16304L SO4 (MG/L)	16309L SO4 (MG/L)
89-06-14	1201	1.5	2.8	.28	2.9	3.1	1.6
89-06-14	1205	1.4	2.7	.28	2.9	2.7	1.6
89-10-25	1425	1.3	2.5	.35	3.4	**TC**	1.6
89-10-25	1430	1.3	2.5	.37	3.4	**TC**	1.6
MAX		1.5	2.8	.37	3.4	3.1	1.6
MIN		1.3	2.5	.28	2.9	2.7	1.6

DATE	TIME	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14102L Si (MG/L)	09105L FLUORIDE (MG/L)	13305L Al (MG/L)	25304L Mn (MG/L)
89-06-14	1201	.09	5.8	3.2	L.05	.041	.02
89-06-14	1205	.09	5.8	3.2	L.05	.041	.02
89-10-25	1425	.07	8.4	5.1	L.05	.098	.010
89-10-25	1430	.07	8.2	5.1	L.05	.084	.010
MAX		.09	8.4	5.1	L.05	.098	.02
MIN		.07	5.8	3.2	L.05	.041	.010

DATE	TIME	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)
89-06-14	1201	.19	L.002	L.002	L.01	L.0005	L.001
89-06-14	1205	.17	L.002	L.002	L.01	L.0005	L.001
89-10-25	1425	.26	L.002	L.002	L.01	L.0005	L.001
89-10-25	1430	.26	L.002	L.002	L.01	.0005	L.001
MAX		.26	L.002	L.002	L.01	.0005	L.001
MIN		.17	L.002	L.002	L.01	L.0005	L.001

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 00NF02Y00022 BOTWOOD WATER SUPPLY @ PETERS R. @ INTAKE

DATE	TIME	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	24004L Cr (MG/L)	16313L SO4 (MG/L)	14109L SiO2 (MG/L)
89-06-14	1201	L.02	L.002	----	----	----
89-06-14	1205	L.02	L.002	----	----	----
89-10-25	1425	L.02	L.002	.0004	2.75	4.86
89-10-25	1430	L.02	L.002	.0003	2.57	4.89
MAX		L.02	L.002	.0004	2.75	4.89
MIN		L.02	L.002	.0003	2.57	4.86

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02YP0012 BRIGHTON MUNICIPAL WATER SUPPLY SOURCE

DATE	TIME	33007L ARSENIC (MG/L)
91-05-21	1415	----
91-05-21	1420	----
91-10-21	1420	L.0005
91-10-21	1430	L.0005
MAX		L.0005
MIN		L.0005

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02YP0012 BRIGHTON MUNICIPAL WATER SUPPLY SOURCE

DATE	TIME	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)	16309L SO4 (MG/L)
91-05-21	1415	3.8	.98	3.6	.31	4.9	1.6
91-05-21	1420	3.8	.96	3.6	.31	4.8	1.5
91-10-21	1420	6.2	1.5	4.1	.33	4.2	1.5
91-10-21	1430	6.0	1.5	4.1	.34	4.4	1.5
MAX		6.2	1.5	4.1	.34	4.9	1.6
MIN		3.8	.96	3.6	.31	4.2	1.5

DATE	TIME	07315L NO3 (MG/L)	06107L DOC (MG/L)	09105L FLUORIDE (MG/L)	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)
91-05-21	1415	.02	6.9	L.05	.12	.0003	.050
91-05-21	1420	.02	6.7	L.05	.13	.0003	.050
91-10-21	1420	L.01	9.8	L.05	.11	.0003	L.010
91-10-21	1430	L.01	9.1	L.05	.12	.0003	L.010
MAX		.02	9.8	L.05	.13	.0003	.050
MIN		L.01	6.7	L.05	.11	.0003	L.010

DATE	TIME	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)
91-05-21	1415	.230	L.002	L.002	L.01	L.001	L.02
91-05-21	1420	.230	L.002	L.002	L.01	L.001	L.02
91-10-21	1420	.110	L.002	L.002	.01	L.001	L.02
91-10-21	1430	.110	L.002	L.002	.01	L.001	L.02
MAX		.230	L.002	L.002	.01	L.001	L.02
MIN		.110	L.002	L.002	L.01	L.001	L.02

DATE	TIME	82302L LEAD (MG/L)	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	10110L GRAN ALK (MG/L)
91-05-21	1415	L.002	50.	44.	.4	6.8	12.1
91-05-21	1420	L.002	50.	45.	.5	6.9	12.2
91-10-21	1420	L.002	55.	55.	.3	7.1	18.6
91-10-21	1430	L.002	55.	56.	.5	7.4	18.3
MAX		L.002	55.	56.	.5	7.4	18.6
MIN		L.002	50.	44.	.3	6.8	12.1

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 04NF02ZL0036 BRIGUS WATER SUPPLY AT BRIGUS LONG POND

DATE	TIME	10101L T ALK (MG/L)	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)
90-06-05	1201	2.1	.95	.53	4.6	.42	6.4
90-06-05	1205	2.1	.95	.54	4.6	.41	6.3
90-11-14	1620	2.7	1.1	.67	4.9	.33	8.0
90-11-14	1621	2.7	1.1	.67	5.0	.32	6.8
MAX		2.7	1.1	.67	5.0	.42	8.0
MIN		2.1	.95	.53	4.6	.32	6.3

DATE	TIME	16313L SO4 (MG/L)	16309L SO4 (MG/L)	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14109L SiO2 (MG/L)	09105L FLUORIDE (MG/L)
90-06-05	1201	3.16	2.2	.01	3.2	2.7	L.05
90-06-05	1205	2.97	2.3	L.01	3.2	2.6	L.05
90-11-14	1620	2.8	2.7	.03	5.8	4.7	L.05
90-11-14	1621	2.5	2.5	.03	5.9	4.8	L.05
MAX		3.16	2.7	.03	5.9	4.8	L.05
MIN		2.5	2.2	L.01	3.2	2.6	L.05

DATE	TIME	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)
90-06-05	1201	.10	L.0002	.02	.09	L.002	L.002
90-06-05	1205	.10	L.0002	.02	.07	L.002	L.002
90-11-14	1620	.11	L.0002	.01	.14	L.002	L.002
90-11-14	1621	.12	L.0002	.01	.13	L.002	L.002
MAX		.12	L.0002	.02	.14	L.002	L.002
MIN		.10	L.0002	.01	.07	L.002	L.002

DATE	TIME	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	02011L COLOR (UNITS)
90-06-05	1201	L.01	L.0005	L.001	L.02	L.002	10.
90-06-05	1205	L.01	L.0005	L.001	L.02	L.002	10.
90-11-14	1620	L.01	L.0005	L.001	L.02	L.002	40.
90-11-14	1621	L.01	L.0005	L.001	L.02	L.002	40.
MAX		L.01	L.0005	L.001	L.02	L.002	40.
MIN		L.01	L.0005	L.001	L.02	L.002	10.

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 04NF02ZL0036 BRIGUS WATER SUPPLY AT BRIGUS LONG POND

DATE	TIME	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	07315L NO3 (MG/L)
90-06-05	1201	36.9	.4	6.2	——
90-06-05	1205	36.8	.4	6.2	——
90-11-14	1620	40.	.4	6.4	L.05
90-11-14	1621	40.	.4	6.4	L.05
MAX		40.	.4	6.4	L.05
MIN		36.8	.4	6.2	L.05

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 04NF02ZL0035 BROAD COVE WATER SUPPLY AT BROAD COVE PD

DATE	TIME	10110L GRAN ALK (MG/L)	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)
90-06-05	1201	1.9	1.2	.74	4.5	.52	5.8
90-06-05	1205	2.1	1.3	.74	4.4	.50	6.0
90-11-14	0920	——	1.0	.67	3.9	.28	5.3
90-11-14	0921	——	1.0	.67	3.9	.24	5.5
MAX		2.1	1.3	.74	4.5	.52	6.0
MIN		1.9	1.0	.67	3.9	.24	5.3

DATE	TIME	16313L SO4 (MG/L)	16309L SO4 (MG/L)	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14109L SiO2 (MG/L)	09105L FLUORIDE (MG/L)
90-06-05	1201	4.96	2.3	L.01	12.0	2.6	L.05
90-06-05	1205	5.12	2.4	L.01	11.2	2.6	L.05
90-11-14	0920	2.5	2.0	.02	7.0	2.0	L.05
90-11-14	0921	2.5	2.1	.02	6.9	2.0	L.05
MAX		5.12	2.4	.02	12.0	2.6	L.05
MIN		2.5	2.0	L.01	6.9	2.0	L.05

DATE	TIME	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)
90-06-05	1201	.30	L.0002	.07	.78	L.002	L.002
90-06-05	1205	.29	.0004	.07	.82	L.002	L.002
90-11-14	0920	.11	L.0002	.03	.21	L.002	L.002
90-11-14	0921	.11	L.0002	.03	.26	L.002	L.002
MAX		.30	.0004	.07	.82	L.002	L.002
MIN		.11	L.0002	.03	.21	L.002	L.002

DATE	TIME	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	02011L COLOR (UNITS)
90-06-05	1201	L.01	L.0005	L.001	L.02	L.002	140.
90-06-05	1205	L.01	L.0005	L.001	L.02	L.002	140.
90-11-14	0920	L.01	L.0005	L.001	L.02	L.002	50.
90-11-14	0921	L.01	L.0005	L.001	L.02	L.002	40.
MAX		L.01	L.0005	L.001	L.02	L.002	140.
MIN		L.01	L.0005	L.001	L.02	L.002	40.

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 04NF02ZL0035 BROAD COVE WATER SUPPLY AT BROAD COVE PD

DATE	TIME	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	10101L T ALK (MG/L)	07315L NO3 (MG/L)
90-06-05	1201	38.5	.7	5.4	——	——
90-06-05	1205	38.5	.7	5.5	——	——
90-11-14	0920	34.	.5	6.4	2.9	L.05
90-11-14	0921	34.	.5	6.4	2.9	L.05
MAX		38.5	.7	6.4	2.9	L.05
MIN		34.	.5	5.4	2.9	L.05

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02YN0025 BUCHANS WATER SUPPLY @ FOREBAY DAM AT INTAKE

DATE	TIME	17704L 2-6-DCP (UG/L)	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)	17705L 3-4-DCP (UG/L)	17713L 2-4-6TCP (UG/L)
91-05-16	1330	L.03	L.02	L.04	L.03	L.04	L.03
91-05-16	1332	L.03	L.02	L.04	L.03	L.04	L.03
91-11-07	1510	L.03	L.02	L.04	L.03	L.04	L.03
91-11-07	1515	L.03	L.02	L.04	L.03	L.04	L.03
MAX		L.03	L.02	L.04	L.03	L.04	L.03
MIN		L.03	L.02	L.04	L.03	L.04	L.03

DATE	TIME	17712L 2-3-6TCP (UG/L)	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)	17721L 2356 TECP (UG/L)	17720L 2345 TCP (UG/L)
91-05-16	1330	L.01	L.01	L.02	L.02	L.005	L.005
91-05-16	1332	L.01	L.01	L.02	L.02	L.005	L.005
91-11-07	1510	L.01	L.01	L.02	L.02	L.005	L.005
91-11-07	1515	L.01	L.01	L.02	L.02	L.005	L.005
MAX		L.01	L.01	L.02	L.02	L.005	L.005
MIN		L.01	L.01	L.02	L.02	L.005	L.005

DATE	TIME	17804L PCP (UG/L)
91-05-16	1330	L.002
91-05-16	1332	L.002
91-11-07	1510	L.002
91-11-07	1515	L.002
MAX		L.002
MIN		L.002

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 04NF02YN0034 BUCHANS JUNCTION WATER SUPPLY

DATE	TIME	10101L T ALK (MG/L)	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)
90-06-11	1201	3.3	1.4	.23	.81	L.10	.8
90-06-11	1205	3.3	1.5	.25	.81	L.10	.8
90-11-05	1320	4.3	2.0	.36	1.0	.10	1.6
90-11-05	1325	4.0	2.0	.36	1.1	.13	1.6
MAX		4.3	2.0	.36	1.1	.13	1.6
MIN		3.3	1.4	.23	.81	L.10	.8

DATE	TIME	16313L SO4 (MG/L)	16309L SO4 (MG/L)	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14109L SiO2 (MG/L)	09105L FLUORIDE (MG/L)
90-06-11	1201	1.18	.9	L.01	5.2	.13	L.05
90-06-11	1205	1.27	.9	L.01	5.4	.22	L.05
90-11-05	1320	1.9	1.4	.06	7.2	.72	L.05
90-11-05	1325	1.7	1.4	.06	7.7	.73	L.05
MAX		1.9	1.4	.06	7.7	.73	L.05
MIN		1.18	.9	L.01	5.2	.13	L.05

DATE	TIME	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)
90-06-11	1201	.051	L.0002	L.01	.180	L.002	L.002
90-06-11	1205	.057	L.0002	L.01	.170	L.002	L.002
90-11-05	1320	.071	.0002	L.010	.13	L.002	L.002
90-11-05	1325	.072	.0003	L.010	.140	L.002	L.002
MAX		.072	.0003	L.010	.180	L.002	L.002
MIN		.051	L.0002	L.010	.13	L.002	L.002

DATE	TIME	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	02011L COLOR (UNITS)
90-06-11	1201	L.01	L.0005	L.001	L.02	L.002	30.
90-06-11	1205	L.01	L.0005	L.001	L.02	L.002	30.
90-11-05	1320	L.01	L.0005	L.001	L.02	L.002	70.
90-11-05	1325	L.01	L.0005	L.001	L.02	L.002	60.
MAX		L.01	L.0005	L.001	L.02	L.002	70.
MIN		L.01	L.0005	L.001	L.02	L.002	30.

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 04NF02YN0034 BUCHANS JUNCTION WATER SUPPLY

DATE	TIME	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	07315L NO3 (MG/L)
90-06-11	1201	14.1	.6	6.4	——
90-06-11	1205	14.0	.5	6.4	——
90-11-05	1320	22.	1.2	6.4	.10
90-11-05	1325	21.6	1.3	6.3	.10
MAX		22.	1.3	6.4	.10
MIN		14.0	.5	6.3	.10

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02ZC0018 LONG POND AT INTAKE - BURGED WATER SUPPLY

DATE	TIME	17704L 2-6-DCP (UG/L)	17703L 2-5-DCP (UG/L)	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)	17705L 3-4-DCP (UG/L)
89-06-16	1420	L.03	L.02	L.02	L.04	L.03	L.04
89-06-16	1421	----	----	----	----	----	----
89-06-16	1425	L.03	L.02	L.02	L.04	L.03	L.04
89-06-16	1426	----	----	----	----	----	----
89-10-20	1215	L.03	L.02	L.02	L.04	L.03	L.04
89-10-20	1216	----	----	----	----	----	----
89-10-20	1220	L.03	L.02	L.02	L.04	L.03	L.04
89-10-20	1221	----	----	----	----	----	----
MAX		L.03	L.02	L.02	L.04	L.03	L.04
MIN		L.03	L.02	L.02	L.04	L.03	L.04

DATE	TIME	17713L 2-4-6TCP (UG/L)	17712L 2-3-6TCP (UG/L)	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)	17721L 2356 TECP (UG/L)
89-06-16	1420	L.03	L.01	L.01	L.02	L.02	L.005
89-06-16	1421	----	----	----	----	----	----
89-06-16	1425	L.03	L.01	L.01	L.02	L.02	L.005
89-06-16	1426	----	----	----	----	----	----
89-10-20	1215	L.03	L.01	L.01	L.02	L.02	L.005
89-10-20	1216	----	----	----	----	----	----
89-10-20	1220	L.03	L.01	L.01	L.02	L.02	L.005
89-10-20	1221	----	----	----	----	----	----
MAX		L.03	L.01	L.01	L.02	L.02	L.005
MIN		L.03	L.01	L.01	L.02	L.02	L.005

DATE	TIME	17720L 2345 TCP (UG/L)	17804L PCP (UG/L)	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)
89-06-16	1420	L.005	.002	----	----	----	----
89-06-16	1421	----	----	100.	31.	.5	5.1
89-06-16	1425	L.005	L.002	----	----	----	----
89-06-16	1426	----	----	100.	30.	.5	5.0
89-10-20	1215	L.005	L.002	----	----	----	----
89-10-20	1216	----	----	160.	37.	.5	4.8
89-10-20	1220	L.005	L.002	----	----	----	----
89-10-20	1221	----	----	160.	37.	.5	4.8
MAX		L.005	.002	160.	37.	.5	5.1
MIN		L.005	L.002	100.	30.	.5	4.8

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02ZC0018 LONG POND AT INTAKE - BURGEO WATER SUPPLY

DATE	TIME	10110L GRAN ALK (MG/L)	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)
89-06-16	1420	——	——	——	——	——	——
89-06-16	1421	.2	.68	.44	3.2	.29	4.4
89-06-16	1425	——	——	——	——	——	——
89-06-16	1426	-.1	.71	.46	3.2	.28	4.4
89-10-20	1215	——	——	——	——	——	——
89-10-20	1216	.2	1.0	.59	3.8	.26	5.9
89-10-20	1220	——	——	——	——	——	——
89-10-20	1221	.1	.96	.62	3.8	.25	5.9
MAX		.2	1.0	.62	3.8	.29	5.9
MIN		-.1	.68	.44	3.2	.25	4.4

DATE	TIME	16304L SO4 (MG/L)	16309L SO4 (MG/L)	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14102L Si (MG/L)	09105L FLUORIDE (MG/L)
89-06-16	1420	——	——	——	——	——	——
89-06-16	1421	2.9	1.5	.03	6.0	1.2	L.05
89-06-16	1425	——	——	——	——	——	——
89-06-16	1426	2.8	1.5	.03	6.0	1.2	L.05
89-10-20	1215	——	——	——	——	——	——
89-10-20	1216	4.2	2.3	L.01	11.	1.7	L.05
89-10-20	1220	——	——	——	——	——	——
89-10-20	1221	4.1	2.3	L.01	11.	1.7	L.05
MAX		4.2	2.3	.03	11.	1.7	L.05
MIN		2.8	1.5	L.01	6.0	1.2	L.05

DATE	TIME	13305L Al (MG/L)	25304L Mn (MG/L)	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)
89-06-16	1420	——	——	——	——	——	——
89-06-16	1421	.15	.02	.23	L.002	L.002	L.01
89-06-16	1425	——	——	——	——	——	——
89-06-16	1426	.18	.02	.23	L.002	L.002	L.01
89-10-20	1215	——	——	——	——	——	——
89-10-20	1216	.32	.020	.33	L.002	L.002	L.01
89-10-20	1220	——	——	——	——	——	——
89-10-20	1221	.33	.020	.34	L.002	L.002	L.01
MAX		.33	.02	.34	L.002	L.002	L.01
MIN		.15	.02	.23	L.002	L.002	L.01

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02ZC0018 LONG POND AT INTAKE - BURGEO WATER SUPPLY

DATE	TIME	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	24004L Cr (MG/L)	16313L SO4 (MG/L)
89-06-16	1420	——	——	——	——	——	——
89-06-16	1421	L.0005	L.001	L.02	L.002	——	——
89-06-16	1425	——	——	——	——	——	——
89-06-16	1426	L.0005	L.001	L.02	L.002	——	——
89-10-20	1215	——	——	——	——	——	——
89-10-20	1216	L.0005	L.001	L.02	L.002	.0002	3.36
89-10-20	1220	——	——	——	——	——	——
89-10-20	1221	L.0005	L.001	L.02	L.002	.0002	3.59
MAX		L.0005	L.001	L.02	L.002	.0002	3.59
MIN		L.0005	L.001	L.02	L.002	.0002	3.36

DATE	TIME	14109L SiO2 (MG/L)
89-06-16	1420	——
89-06-16	1421	——
89-06-16	1425	——
89-06-16	1426	——
89-10-20	1215	——
89-10-20	1216	1.68
89-10-20	1220	——
89-10-20	1221	1.69
MAX		1.69
MIN		1.68

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 00NF02YJ0022 CAPE ST.GEORGE MUNICIPAL WATER SUPPLY

DATE	TIME	02061S TEMP (DEG.C.)	02065S TEMP (DEG.C.)	10301F pH (UNITS)	02042F SP COND (USIE/CM)	08102S DO (MG/L)	20110L Ca (MG/L)
91-06-18	1430	8.5	8.2	8.2	340.	11.3	45.2
91-06-18	1435	8.5	8.2	8.2	340.	11.3	45.6
91-10-22	1400	——	——	8.4	366.	——	48.
91-10-22	1405	——	——	8.4	366.	——	52.
MAX		8.5	8.2	8.4	366.	11.3	52.
MIN		8.5	8.2	8.2	340.	11.3	45.2

DATE	TIME	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)	16309L SO4 (MG/L)	07315L NO3 (MG/L)
91-06-18	1430	15.4	8.8	.63	13.2	5.0	.22
91-06-18	1435	15.4	8.8	.63	12.0	5.3	.22
91-10-22	1400	15.	9.4	.69	15.	6.5	.3
91-10-22	1405	18.0	10.0	.75	15.	6.5	.3
MAX		18.0	10.0	.75	15.	6.5	.3
MIN		15.	8.8	.63	12.0	5.0	.22

DATE	TIME	06107L DOC (MG/L)	09105L FLUORIDE (MG/L)	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)	26305L IRON (MG/L)
91-06-18	1430	1.5	L.05	.010	.0005	L.010	.005
91-06-18	1435	1.6	L.05	.010	.0003	L.010	.005
91-10-22	1400	1.6	L.05	L.010	.0004	.010	——
91-10-22	1405	1.7	L.05	L.010	.0004	L.010	——
MAX		1.7	L.05	.010	.0005	.010	.005
MIN		1.5	L.05	L.010	.0003	L.010	.005

DATE	TIME	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)
91-06-18	1430	L.002	L.002	L.01	L.001	L.02	L.002
91-06-18	1435	L.002	L.002	L.01	L.001	L.02	L.002
91-10-22	1400	L.002	L.002	L.01	L.001	L.02	L.002
91-10-22	1405	L.002	L.002	L.01	L.001	L.02	L.002
MAX		L.002	L.002	L.01	L.001	L.02	L.002
MIN		L.002	L.002	L.01	L.001	L.02	L.002

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 00NF02YJ0022 CAPE ST.GEORGE MUNICIPAL WATER SUPPLY

DATE	TIME	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	10110L GRAN ALK (MG/L)	26304L IRON (MG/L)
91-06-18	1430	10.	339.	.2	8.4	161.5	——
91-06-18	1435	10.	345.	.2	8.4	162.2	——
91-10-22	1400	5.	385.	.2	8.6	182.3	.060
91-10-22	1405	5.	385.	.3	8.4	182.8	.060
MAX		10.	385.	.3	8.6	182.8	.060
MIN		5.	339.	.2	8.4	161.5	.060

DATE	TIME	33007L ARSENIC (MG/L)
91-06-18	1430	——
91-06-18	1435	——
91-10-22	1400	L.0005
91-10-22	1405	L.0005
MAX		L.0005
MIN		L.0005

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 04NF02ZL0030 CARBONEAR WATER STATION AT ISLAND POND

DATE	TIME	10101L T ALK (MG/L)	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)
90-06-05	1201	2.8	1.2	.56	3.7	.36	5.3
90-06-05	1205	2.8	1.2	.58	3.6	.35	5.3
90-11-14	1425	3.3	1.1	.63	3.7	.38	5.7
90-11-14	1430	2.9	1.1	.63	3.7	.33	5.7
MAX		3.3	1.2	.63	3.7	.38	5.7
MIN		2.8	1.1	.56	3.6	.33	5.3

DATE	TIME	16313L SO4 (MG/L)	16309L SO4 (MG/L)	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14109L SiO2 (MG/L)	09105L FLUORIDE (MG/L)
90-06-05	1201	2.82	2.7	.04	3.2	1.4	L.05
90-06-05	1205	2.85	2.7	.04	3.3	1.4	L.05
90-11-14	1425	2.5	2.5	.04	3.0	1.0	L.05
90-11-14	1430	2.7	2.5	.03	3.2	1.0	L.05
MAX		2.85	2.7	.04	3.3	1.4	L.05
MIN		2.5	2.5	.03	3.0	1.0	L.05

DATE	TIME	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)
90-06-05	1201	.075	L.0002	.02	.05	L.002	L.002
90-06-05	1205	.080	L.0002	.02	.05	L.002	L.002
90-11-14	1425	.032	L.0002	L.01	——	L.002	L.002
90-11-14	1430	.037	L.0002	L.01	——	L.002	L.002
MAX		.080	L.0002	.02	.05	L.002	L.002
MIN		.032	L.0002	L.01	.05	L.002	L.002

DATE	TIME	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	02011L COLOR (UNITS)
90-06-05	1201	L.01	L.0005	L.001	L.02	L.002	5.
90-06-05	1205	.01	L.0005	L.001	L.02	L.002	5.
90-11-14	1425	L.01	L.0005	L.001	L.02	L.002	15.
90-11-14	1430	L.01	L.0005	L.001	L.02	L.002	15.
MAX		.01	L.0005	L.001	L.02	L.002	15.
MIN		L.01	L.0005	L.001	L.02	L.002	5.

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 04NF02ZL0030 CARBONEAR WATER STATION AT ISLAND POND

DATE	TIME	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	07315L NO3 (MG/L)	26305L IRON (MG/L)
90-06-05	1201	33.6	.5	6.4	——	——
90-06-05	1205	33.6	.6	6.4	——	——
90-11-14	1425	35.	.3	6.5	.05	.035
90-11-14	1430	35.	.3	6.6	.05	.026
MAX		35.	.6	6.6	.05	.035
MIN		33.6	.3	6.4	.05	.026

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02ZL0039 CUPIDS WATER SUPPLY SOURCE

DATE	TIME	17704L 2-6-DCP (UG/L)	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)	17705L 3-4-DCP (UG/L)	17713L 2-4-6TCP (UG/L)
91-05-29	1040	L.03	L.02	L.04	L.03	L.04	L.03
91-05-29	1045	L.03	L.02	L.04	L.03	L.04	L.03
91-10-17	1115	L.03	L.02	L.04	L.03	L.04	L.03
91-10-17	1120	L.03	L.02	L.04	L.03	L.04	L.03
MAX		L.03	L.02	L.04	L.03	L.04	L.03
MIN		L.03	L.02	L.04	L.03	L.04	L.03

DATE	TIME	17712L 2-3-6TCP (UG/L)	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)	17721L 2356 TECP (UG/L)	17720L 2345 TCP (UG/L)
91-05-29	1040	L.01	L.01	L.02	L.02	L.005	L.005
91-05-29	1045	L.01	L.01	L.02	L.02	L.005	L.005
91-10-17	1115	L.01	L.01	L.02	L.02	L.005	L.005
91-10-17	1120	L.01	L.01	L.02	L.02	L.005	L.005
MAX		L.01	L.01	L.02	L.02	L.005	L.005
MIN		L.01	L.01	L.02	L.02	L.005	L.005

DATE	TIME	17804L PCP (UG/L)	17804X PCP (UG/L)
91-05-29	1040	L.002	——
91-05-29	1045	L.002	——
91-10-17	1115	.003	L.0008
91-10-17	1120	L.002	——
MAX		.003	L.0008
MIN		L.002	L.0008

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 04NF02YR0026 DEADMANS BAY WATER SUPPLY

DATE	TIME	10110L GRAN ALK (MG/L)	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)
90-06-14	1201	1.4	.83	.48	2.8	.16	3.9
90-06-14	1205	1.3	.82	.48	3.1	.23	3.9
90-11-13	1500	1.4	.86	.71	3.7	.20	5.9
90-11-13	1505	1.4	.86	.71	3.8	.20	6.0
MAX		1.4	.86	.71	3.8	.23	6.0
MIN		1.3	.82	.48	2.8	.16	3.9

DATE	TIME	16313L SO4 (MG/L)	16309L SO4 (MG/L)	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14109L SiO2 (MG/L)	09105L FLUORIDE (MG/L)
90-06-14	1201	1.62	.9	L.01	6.8	.64	L.05
90-06-14	1205	1.60	1.0	L.01	6.8	.65	L.05
90-11-13	1500	1.9	1.5	L.01	7.6	1.1	.05
90-11-13	1505	2.1	1.6	.01	5.2	1.1	.05
MAX		2.1	1.6	.01	7.6	1.1	.05
MIN		1.60	.9	L.01	5.2	.64	L.05

DATE	TIME	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)
90-06-14	1201	.14	L.0002	.01	.190	L.002	L.002
90-06-14	1205	.14	L.0002	.01	.190	L.002	L.002
90-11-13	1500	.17	.0002	.030	.390	L.002	L.002
90-11-13	1505	.16	.0002	.020	.390	L.002	L.002
MAX		.17	.0002	.030	.390	L.002	L.002
MIN		.14	L.0002	.01	.190	L.002	L.002

DATE	TIME	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	10301L pH (UNITS)
90-06-14	1201	L.01	L.0005	L.001	L.02	L.002	5.8
90-06-14	1205	L.01	L.0005	L.001	L.02	L.002	5.8
90-11-13	1500	L.01	L.0005	L.001	L.02	L.002	5.7
90-11-13	1505	L.01	L.0005	L.001	L.02	L.002	5.7
MAX		L.01	L.0005	L.001	L.02	L.002	5.8
MIN		L.01	L.0005	L.001	L.02	L.002	5.7

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 04NF02YR0026 DEADMANS BAY WATER SUPPLY

DATE	TIME	02073L TURB (JTU)	02041L SP COND (USIE/CM)	02011L COLOR (UNITS)	07315L NO3 (MG/L)
90-06-14	1201	.4	25.0	40.	——
90-06-14	1205	.4	25.0	40.	——
90-11-13	1500	.8	33.5	50.	L.05
90-11-13	1505	1.0	33.5	40.	L.05
MAX		1.0	33.5	50.	L.05
MIN		.4	25.0	40.	L.05

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02ZK0006 DUNVILLE WATER SUPPLY

DATE	TIME	10110L GRAN ALK (MG/L)	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	06107L DOC (MG/L)
91-05-29	1550	1.2	1.2	.74	8.1	.36	2.7
91-05-29	1555	1.1	1.2	.72	8.2	.35	3.0
91-10-24	1345	2.0	1.64	.80	8.0	.37	8.5
91-10-24	1346	2.3	1.63	.80	8.1	.38	8.5
MAX		2.3	1.64	.80	8.2	.38	8.5
MIN		1.1	1.2	.72	8.0	.35	2.7

DATE	TIME	09105L FLUORIDE (MG/L)	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)	26304L IRON (MG/L)	28302L NICKEL (MG/L)
91-05-29	1550	L.05	.078	.0002	.050	.1	L.002
91-05-29	1555	L.05	.078	L.0002	.040	.09	L.002
91-10-24	1345	L.05	.17	.0002	.090	.240	L.002
91-10-24	1346	L.05	.17	.0002	.080	.280	L.002
MAX		L.05	.17	.0002	.090	.280	L.002
MIN		L.05	.078	L.0002	.040	.09	L.002

DATE	TIME	29305L COPPER (MG/L)	30304L ZINC (MG/L)	48302L CADMIUM (MG/L)	82302L LEAD (MG/L)	02073L TURB (JTU)	10301L pH (UNITS)
91-05-29	1550	L.002	L.01	L.001	L.002	.5	5.8
91-05-29	1555	L.002	L.01	L.001	L.002	.5	5.8
91-10-24	1345	L.002	L.01	L.001	L.002	.6	6.0
91-10-24	1346	L.002	L.01	L.001	L.002	.5	6.0
MAX		L.002	L.01	L.001	L.002	.6	6.0
MIN		L.002	L.01	L.001	L.002	.5	5.8

DATE	TIME	17209L Cl (MG/L)	16309L SO4 (MG/L)	07315L NO3 (MG/L)	80315L MERCURY (UG/L)	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)
91-05-29	1550	13.8	2.5	.01	L.02	20.	55.
91-05-29	1555	13.4	2.3	.01	L.02	20.	55.
91-10-24	1345	14.1	2.4	L.01	L.02	45.	58.
91-10-24	1346	14.5	2.4	L.01	L.02	45.	58.
MAX		14.5	2.5	.01	L.02	45.	58.
MIN		13.4	2.3	L.01	L.02	20.	55.

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02ZK0006 DUNVILLE WATER SUPPLY

DATE	TIME	33007L ARSENIC (MG/L)
91-05-29	1550	----
91-05-29	1555	----
91-10-24	1345	L.0005
91-10-24	1346	L.0005
MAX		L.0005
MIN		L.0005

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 00NF02ZJ1453 ELLISTON WATER SUPPLY @ SANDY COVE BROOK

DATE	TIME	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	10101L T ALK (MG/L)	20110L Ca (MG/L)
89-06-19	1202	40.	79.	.4	6.1	1.4	1.1
89-06-19	1206	40.	80.	.5	6.1	1.3	1.1
89-10-23	1140	70.	79.	.5	5.8	——	1.2
89-10-23	1145	70.	81.	.6	5.8	——	1.2
MAX		70.	81.	.6	6.1	1.4	1.2
MIN		40.	79.	.4	5.8	1.3	1.1

DATE	TIME	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)	16304L SO4 (MG/L)	16309L SO4 (MG/L)
89-06-19	1202	.92	12.0	.21	17.0	3.8	2.7
89-06-19	1206	.91	12.5	.33	17.5	3.9	2.7
89-10-23	1140	.92	11.7	.24	18.6	**TC**	2.6
89-10-23	1145	1.0	11.6	.24	19.4	**TC**	2.6
MAX		1.0	12.5	.33	19.4	3.9	2.7
MIN		.91	11.6	.21	17.0	3.8	2.6

DATE	TIME	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14102L Si (MG/L)	09105L FLUORIDE (MG/L)	13305L Al (MG/L)	25304L Mn (MG/L)
89-06-19	1202	L.01	3.1	.4	L.05	.093	.03
89-06-19	1206	L.01	3.0	.4	L.05	.091	.03
89-10-23	1140	.01	5.2	2.9	L.05	.12	.110
89-10-23	1145	L.01	5.3	2.9	L.05	.12	.120
MAX		.01	5.3	2.9	L.05	.12	.120
MIN		L.01	3.0	.4	L.05	.091	.03

DATE	TIME	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)
89-06-19	1202	.58	L.002	L.002	L.01	L.0005	L.001
89-06-19	1206	.57	L.002	L.002	L.01	L.0005	L.001
89-10-23	1140	.72	L.002	L.002	L.01	L.0005	L.001
89-10-23	1145	.74	L.002	L.002	L.01	L.0005	L.001
MAX		.74	L.002	L.002	L.01	L.0005	L.001
MIN		.57	L.002	L.002	L.01	L.0005	L.001

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 00NF02ZJ1453 ELLISTON WATER SUPPLY @ SANDY COVE BROOK

DATE	TIME	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	10110L GRAN ALK (MG/L)	24004L Cr (MG/L)	16313L SO4 (MG/L)	14109L SiO2 (MG/L)
89-06-19	1202	L.02	L.002	----	----	----	----
89-06-19	1206	L.02	L.002	----	----	----	----
89-10-23	1140	L.02	L.002	1.4	L.0002	3.74	2.86
89-10-23	1145	L.02	L.002	1.2	L.0002	3.70	2.85
MAX		L.02	L.002	1.4	L.0002	3.74	2.86
MIN		L.02	L.002	1.2	L.0002	3.70	2.85

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02YO0118 EMBREE MUNICIPAL WATER SUPPLY SOURCE

DATE	TIME	17704L 2-6-DCP (UG/L)	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)	17705L 3-4-DCP (UG/L)	17713L 2-4-6TCP (UG/L)
91-05-29	1040	L.03	L.02	L.04	L.03	L.04	L.03
91-05-29	1041	——	——	——	——	——	——
91-05-29	1045	L.03	L.02	L.04	L.03	L.04	L.03
91-05-29	1046	——	——	——	——	——	——
91-05-29	1055	——	——	——	——	——	——
91-05-29	1100	——	——	——	——	——	——
91-10-22	1210	L.03	L.02	L.04	L.03	L.04	L.03
91-10-22	1211	——	——	——	——	——	——
91-10-22	1220	——	——	——	——	——	——
91-10-22	1225	L.03	L.02	L.04	L.03	L.04	L.03
MAX		L.03	L.02	L.04	L.03	L.04	L.03
MIN		L.03	L.02	L.04	L.03	L.04	L.03

DATE	TIME	17712L 2-3-6TCP (UG/L)	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)	17721L 2356 TECP (UG/L)	17720L 2345 TCP (UG/L)
91-05-29	1040	L.01	L.01	L.02	L.02	L.005	L.005
91-05-29	1041	——	——	——	——	——	——
91-05-29	1045	L.01	L.01	L.02	L.02	L.005	L.005
91-05-29	1046	——	——	——	——	——	——
91-05-29	1055	——	——	——	——	——	——
91-05-29	1100	——	——	——	——	——	——
91-10-22	1210	L.01	L.01	L.02	L.02	L.005	L.005
91-10-22	1211	——	——	——	——	——	——
91-10-22	1220	——	——	——	——	——	——
91-10-22	1225	L.01	L.01	L.02	L.02	L.005	L.005
MAX		L.01	L.01	L.02	L.02	L.005	L.005
MIN		L.01	L.01	L.02	L.02	L.005	L.005

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02YD0118 EMBREE MUNICIPAL WATER SUPPLY SOURCE

DATE	TIME	17804L PCP (UG/L)	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)
91-05-29	1040	L.002	——	——	——	——	——
91-05-29	1041	——	3.3	.96	7.9	.43	13.0
91-05-29	1045	L.002	——	——	——	——	——
91-05-29	1046	——	3.4	.96	8.0	.43	12.0
91-05-29	1055	——	3.3	.96	7.7	.42	11.5
91-05-29	1100	——	3.4	.96	7.9	.44	13.0
91-10-22	1210	L.002	——	——	——	——	——
91-10-22	1211	——	4.2	1.1	6.6	.38	9.8
91-10-22	1220	——	4.1	1.1	6.6	.38	10.
91-10-22	1225	L.002	——	——	——	——	——
MAX		L.002	4.2	1.1	8.0	.44	13.0
MIN		L.002	3.3	.96	6.6	.38	9.8

DATE	TIME	16309L SO4 (MG/L)	07315L NO3 (MG/L)	06107L DOC (MG/L)	09105L FLUORIDE (MG/L)	13305L Al (MG/L)	24004L Cr (MG/L)
91-05-29	1040	——	——	——	——	——	——
91-05-29	1041	2.4	.03	5.6	L.05	.054	L.0002
91-05-29	1045	——	——	——	——	——	——
91-05-29	1046	2.4	.03	5.5	L.05	.052	.0003
91-05-29	1055	2.4	.03	5.3	L.05	.053	.0002
91-05-29	1100	2.4	.03	5.3	L.05	.051	L.0002
91-10-22	1210	——	——	——	——	——	——
91-10-22	1211	1.9	L.01	5.9	L.05	.032	.0002
91-10-22	1220	2.0	L.01	6.3	L.05	.030	.0002
91-10-22	1225	——	——	——	——	——	——
MAX		2.4	.03	6.3	L.05	.054	.0003
MIN		1.9	L.01	5.3	L.05	.030	L.0002

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02YD0118 EMBREE MUNICIPAL WATER SUPPLY SOURCE

DATE	TIME	25304L Mn (MG/L)	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)	48302L CADMIUM (MG/L)
91-05-29	1040	----	----	----	----	----	----
91-05-29	1041	.020	.080	L.002	L.002	L.01	L.001
91-05-29	1045	----	----	----	----	----	----
91-05-29	1046	.030	.100	L.002	L.002	L.01	L.001
91-05-29	1055	.020	.090	L.002	L.002	L.01	L.001
91-05-29	1100	.030	.100	L.002	L.002	L.01	L.001
91-10-22	1210	----	----	----	----	----	----
91-10-22	1211	L.010	.110	.004	L.002	L.01	L.001
91-10-22	1220	.010	.110	.002	L.002	L.01	L.001
91-10-22	1225	----	----	----	----	----	----
MAX		.030	.110	.004	L.002	L.01	L.001
MIN		L.010	.080	L.002	L.002	L.01	L.001

DATE	TIME	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)
91-05-29	1040	----	----	----	----	----	----
91-05-29	1041	L.02	L.002	25.	65.	.3	6.9
91-05-29	1045	----	----	----	----	----	----
91-05-29	1046	L.02	L.002	25.	65.	.4	6.9
91-05-29	1055	L.02	L.002	25.	65.	.4	6.9
91-05-29	1100	L.02	L.002	25.	65.	.4	6.9
91-10-22	1210	----	----	----	----	----	----
91-10-22	1211	L.02	L.002	25.	62.	.5	7.0
91-10-22	1220	L.02	L.002	25.	61.	.5	7.1
91-10-22	1225	----	----	----	----	----	----
MAX		L.02	L.002	25.	65.	.5	7.1
MIN		L.02	L.002	25.	61.	.3	6.9

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02YD0118 EMBREE MUNICIPAL WATER SUPPLY SOURCE

DATE	TIME	10110L GRAN ALK (MG/L)	33007L ARSENIC (MG/L)
91-05-29	1040	----	----
91-05-29	1041	9.0	----
91-05-29	1045	----	----
91-05-29	1046	9.1	----
91-05-29	1055	9.2	----
91-05-29	1100	9.0	----
91-10-22	1210	----	----
91-10-22	1211	11.4	.0006
91-10-22	1220	11.6	.0006
91-10-22	1225	----	----
MAX		11.6	.0006
MIN		9.0	.0006

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 00NF02YB0009 ENGLEE WATER SUPPLY

DATE	TIME	10110L GRAN ALK (MG/L)	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)
90-06-04	1201	3.3	2.1	.78	4.1	.22	6.6
90-06-04	1205	----	2.1	.80	4.1	.22	6.9
90-10-30	1700	----	2.2	.82	4.2	.24	6.7
90-10-30	1705	----	2.1	.79	4.0	.21	6.3
MAX		3.3	2.2	.82	4.2	.24	6.9
MIN		3.3	2.1	.78	4.0	.21	6.3

DATE	TIME	16313L SO4 (MG/L)	16309L SO4 (MG/L)	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14109L SiO2 (MG/L)	09105L FLUORIDE (MG/L)
90-06-04	1201	3.27	1.8	.05	8.6	.92	L.05
90-06-04	1205	3.13	1.9	.05	8.7	.94	L.05
90-10-30	1700	2.7	1.9	.05	9.3	.75	L.05
90-10-30	1705	2.5	1.9	.05	9.8	.75	L.05
MAX		3.27	1.9	.05	9.8	.94	L.05
MIN		2.5	1.8	.05	8.6	.75	L.05

DATE	TIME	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)
90-06-04	1201	.14	L.0002	.08	.270	L.002	L.002
90-06-04	1205	.14	L.0002	.08	.270	L.002	L.002
90-10-30	1700	.16	.0002	.040	.23	L.002	L.002
90-10-30	1705	.17	L.0002	.040	.22	L.002	L.002
MAX		.17	.0002	.08	.270	L.002	L.002
MIN		.14	L.0002	.040	.22	L.002	L.002

DATE	TIME	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	10301L pH (UNITS)
90-06-04	1201	L.01	L.0005	L.001	L.02	L.002	6.0
90-06-04	1205	L.01	L.0005	L.001	L.02	L.002	6.1
90-10-30	1700	L.01	L.0005	L.001	L.02	L.002	6.1
90-10-30	1705	L.01	L.0005	L.001	L.02	L.002	6.1
MAX		L.01	L.0005	L.001	L.02	L.002	6.1
MIN		L.01	L.0005	L.001	L.02	L.002	6.0

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 00NF02YB0009 ENGLEE WATER SUPPLY

DATE	TIME	02073L TURB (JTU)	02041L SP COND (USIE/CM)	02011L COLOR (UNITS)	10101L T ALK (MG/L)	02061S TEMP (DEG.C.)	02065S TEMP (DEG.C.)
90-06-04	1201	.5	41.3	55.	----	----	----
90-06-04	1205	.4	42.2	55.	3.1	----	----
90-10-30	1700	.8	41.	60.	3.4	4.0	4.6
90-10-30	1705	.8	41.	60.	3.3	4.0	4.6
MAX		.8	42.2	60.	3.4	4.0	4.6
MIN		.4	41.	55.	3.1	4.0	4.6

DATE	TIME	10301F pH (UNITS)	02042S SP COND (USIE/CM)	08102S DO (MG/L)	07315L NO3 (MG/L)
90-06-04	1201	----	----	----	----
90-06-04	1205	----	----	----	----
90-10-30	1700	6.1	42.3	10.7	L.05
90-10-30	1705	6.1	42.3	10.7	L.05
MAX		6.1	42.3	10.7	L.05
MIN		6.1	42.3	10.7	L.05

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02YA0006 FRENCH ISLAND POND AT INTAKE (Flowers Cove)

DATE	TIME	02061S TEMP (DEG.C.)	02065S TEMP (DEG.C.)	10301F pH (UNITS)	02042F SP COND (USIE/CM)	08102S DO (MG/L)	20110L Ca (MG/L)
91-06-15	1701	6.5	6.8	8.0	153.9	7.8	15.2
91-06-15	1706	6.5	6.8	8.0	153.9	7.8	15.2
91-11-07	1430	——	——	——	——	——	——
91-11-07	1431	——	——	8.2	197.	——	21.
91-11-07	1435	——	——	——	——	——	——
91-11-07	1436	——	——	8.2	197.	——	20.
MAX		6.5	6.8	8.2	197.	7.8	21.
MIN		6.5	6.8	8.0	153.9	7.8	15.2

DATE	TIME	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)	16309L SO4 (MG/L)	07315L NO3 (MG/L)
91-06-15	1701	8.9	4.2	.23	7.6	2.0	L.01
91-06-15	1706	9.0	4.4	.24	7.7	2.0	.01
91-11-07	1430	——	——	——	——	——	——
91-11-07	1431	13.	5.1	.41	9.5	2.5	L.01
91-11-07	1435	——	——	——	——	——	——
91-11-07	1436	12.	5.1	.41	10.	2.5	L.01
MAX		13.	5.1	.41	10.	2.5	.01
MIN		8.9	4.2	.23	7.6	2.0	L.01

DATE	TIME	06107L DOC (MG/L)	09105L FLUORIDE (MG/L)	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)	26304L IRON (MG/L)
91-06-15	1701	5.7	L.05	L.010	L.0002	L.010	.060
91-06-15	1706	5.9	L.05	L.010	L.0002	L.010	.090
91-11-07	1430	——	——	——	——	——	——
91-11-07	1431	5.1	L.05	L.010	.0002	L.010	——
91-11-07	1435	——	——	——	——	——	——
91-11-07	1436	4.9	L.05	L.010	.0003	L.010	.060
MAX		5.9	L.05	L.010	.0003	L.010	.090
MIN		4.9	L.05	L.010	L.0002	L.010	.060

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02YA0006 FRENCH ISLAND POND AT INTAKE

DATE	TIME	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)
91-06-15	1701	L.002	L.002	L.01	L.001	L.02	L.002
91-06-15	1706	L.002	L.002	L.01	L.001	L.02	L.002
91-11-07	1430	——	——	——	——	——	——
91-11-07	1431	.004	L.002	L.01	L.001	L.02	L.002
91-11-07	1435	——	——	——	——	——	——
91-11-07	1436	.003	L.002	L.01	L.001	L.02	L.002
MAX		.004	L.002	L.01	L.001	L.02	L.002
MIN		L.002	L.002	L.01	L.001	L.02	L.002

DATE	TIME	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	10110L GRAN ALK (MG/L)	17704L 2-6-DCP (UG/L)
91-06-15	1701	30.	150.	.5	7.9	67.1	——
91-06-15	1706	25.	153.	.5	7.9	68.5	——
91-11-07	1430	——	——	——	——	——	L.03
91-11-07	1431	20.	200.	.5	8.0	93.2	——
91-11-07	1435	——	——	——	——	——	L.03
91-11-07	1436	20.	200.	.5	8.0	93.5	——
MAX		30.	200.	.5	8.0	93.5	L.03
MIN		20.	150.	.5	7.9	67.1	L.03

DATE	TIME	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)	17705L 3-4-DCP (UG/L)	17713L 2-4-6TCP (UG/L)	17712L 2-3-6TCP (UG/L)
91-06-15	1701	——	——	——	——	——	——
91-06-15	1706	——	——	——	——	——	——
91-11-07	1430	L.02	L.04	L.03	L.04	L.03	L.01
91-11-07	1431	——	——	——	——	——	——
91-11-07	1435	L.02	L.04	L.03	L.04	L.03	L.01
91-11-07	1436	——	——	——	——	——	——
MAX		L.02	L.04	L.03	L.04	L.03	L.01
MIN		L.02	L.04	L.03	L.04	L.03	L.01

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02YA0006 FRENCH ISLAND POND AT INTAKE

DATE	TIME	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)	17721L 2356 TECP (UG/L)	17720L 2345 TCP (UG/L)	17804L PCP (UG/L)
91-06-15	1701	——	——	——	——	——	——
91-06-15	1706	——	——	——	——	——	——
91-11-07	1430	L.01	L.02	L.02	L.005	L.005	L.002
91-11-07	1431	——	——	——	——	——	——
91-11-07	1435	L.01	L.02	L.02	L.005	L.005	L.002
91-11-07	1436	——	——	——	——	——	——
MAX		L.01	L.02	L.02	L.005	L.005	L.002
MIN		L.01	L.02	L.02	L.005	L.005	L.002

DATE	TIME	26305L IRON (MG/L)	33007L ARSENIC (MG/L)
91-06-15	1701	——	——
91-06-15	1706	——	——
91-11-07	1430	——	——
91-11-07	1431	.027	L.0005
91-11-07	1435	——	——
91-11-07	1436	——	L.0005
MAX		.027	L.0005
MIN		.027	L.0005

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02YR0028 FOGO MUNICIPAL WATER SUPPLY SOURCE

DATE	TIME	10110L GRAN ALK (MG/L)	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)
91-05-15	1201	1.5	2.4	2.2	20.3	.69	39.5
91-05-15	1205	1.5	2.4	2.2	20.5	.67	38.5
91-10-31	1201	3.6	1.9	4.6	13.1	.45	23.
91-10-31	1210	3.5	1.9	4.6	12.8	.46	23.
MAX		3.6	2.4	4.6	20.5	.69	39.5
MIN		1.5	1.9	2.2	12.8	.45	23.

DATE	TIME	16309L SO4 (MG/L)	07315L NO3 (MG/L)	06107L DOC (MG/L)	09105L FLUORIDE (MG/L)	13305L Al (MG/L)	24004L Cr (MG/L)
91-05-15	1201	4.8	.05	6.7	L.05	.34	.0008
91-05-15	1205	4.9	.05	7.0	L.05	.34	.0008
91-10-31	1201	3.7	.02	26.0	L.05	----	.002
91-10-31	1210	3.6	.02	16.5	L.05	----	.001
MAX		4.9	.05	26.0	L.05	.34	.002
MIN		3.6	.02	6.7	L.05	.34	.0008

DATE	TIME	25304L Mn (MG/L)	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)	48302L CADMIUM (MG/L)
91-05-15	1201	.180	.350	L.002	L.002	L.01	L.001
91-05-15	1205	.180	.330	L.002	L.002	L.01	L.001
91-10-31	1201	.030	.700	L.002	.003	L.01	L.001
91-10-31	1210	.030	.680	L.002	.003	L.01	L.001
MAX		.180	.700	L.002	.003	L.01	L.001
MIN		.030	.330	L.002	L.002	L.01	L.001

DATE	TIME	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)
91-05-15	1201	L.02	L.002	80.	142.	.5	5.6
91-05-15	1205	L.02	L.002	70.	142.	.5	5.6
91-10-31	1201	L.02	L.002	155.	87.	.7	5.8
91-10-31	1210	L.02	L.002	160.	88.	.7	5.8
MAX		L.02	L.002	160.	142.	.7	5.8
MIN		L.02	L.002	70.	87.	.5	5.6

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02YR0028 FOGO MUNICIPAL WATER SUPPLY SOURCE

DATE	TIME	13302L Al (MG/L)	33007L ARSENIC (MG/L)
91-05-15	1201	----	----
91-05-15	1205	----	----
91-10-31	1201	.69	.0007
91-10-31	1210	.69	.0007
MAX		.69	.0007
MIN		.69	.0007

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 00NF02YQ0003 GANDER BAY SOUTH - BARRY'S BROOK AT INTAKE

DATE	TIME	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	10101L T ALK (MG/L)	20110L Ca (MG/L)
89-06-15	1201	35.	38.	.5	6.5	3.9	1.5
89-06-15	1205	35.	38.	.5	6.5	4.2	1.5
89-10-26	1510	50.	44.	.6	6.6	5.3	1.9
89-10-26	1515	50.	45.	.6	6.6	5.4	1.8
MAX		50.	45.	.6	6.6	5.4	1.9
MIN		35.	38.	.5	6.5	3.9	1.5

DATE	TIME	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)	16304L SO4 (MG/L)	16309L SO4 (MG/L)
89-06-15	1201	1.2	3.6	.258	6.5	2.6	2.1
89-06-15	1205	1.2	3.7	.27	6.5	2.5	2.1
89-10-26	1510	1.5	3.7	.33	6.2	**TC**	2.0
89-10-26	1515	1.4	3.7	.35	6.3	**TC**	2.0
MAX		1.5	3.7	.35	6.5	2.6	2.1
MIN		1.2	3.6	.258	6.2	2.5	2.0

DATE	TIME	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14102L Si (MG/L)	09105L FLUORIDE (MG/L)	13305L Al (MG/L)	25304L Mn (MG/L)
89-06-15	1201	.01	5.3	.27	L.05	.046	.04
89-06-15	1205	.01	5.4	.27	L.05	.047	.02
89-10-26	1510	L.01	6.8	.85	L.05	.066	.040
89-10-26	1515	L.01	6.7	.85	L.05	.067	.090
MAX		.01	6.8	.85	L.05	.067	.090
MIN		L.01	5.3	.27	L.05	.046	.02

DATE	TIME	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)
89-06-15	1201	.13	L.002	L.002	L.01	L.0005	L.001
89-06-15	1205	.14	L.002	L.002	L.01	L.0005	L.001
89-10-26	1510	.15	L.002	L.002	L.01	L.0005	L.001
89-10-26	1515	.21	L.002	L.002	L.01	.0005	L.001
MAX		.21	L.002	L.002	L.01	.0005	L.001
MIN		.13	L.002	L.002	L.01	L.0005	L.001

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 00NF02YG0003 GANDER BAY SOUTH - BARRY'S BROOK AT INTAKE

DATE	TIME	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	24004L Cr (MG/L)	16313L SO4 (MG/L)	14109L SiO2 (MG/L)
89-06-15	1201	L.02	L.002	----	----	----
89-06-15	1205	L.02	L.002	----	----	----
89-10-26	1510	L.02	L.002	.0007	2.57	.79
89-10-26	1515	L.02	L.002	.0006	2.46	.87
MAX		L.02	L.002	.0007	2.57	.87
MIN		L.02	L.002	.0006	2.46	.79

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 04NF02YA0010 GAULTOIS WATER SUPPLY

DATE	TIME	10110L GRAN ALK (MG/L)	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)
90-06-12	1201	1.0	.97	.67	4.9	.47	7.8
90-06-12	1205	.3	.97	.67	4.9	.47	7.8
90-11-08	1220	.1	1.0	.69	5.1	.46	8.1
90-11-08	1225	.1	1.0	.69	5.1	.47	8.0
MAX		1.0	1.0	.69	5.1	.47	8.1
MIN		.1	.97	.67	4.9	.46	7.8

DATE	TIME	16313L SO4 (MG/L)	16309L SO4 (MG/L)	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14109L SiO2 (MG/L)	09105L FLUORIDE (MG/L)
90-06-12	1201	3.37	2.4	L.01	8.7	2.1	L.05
90-06-12	1205	3.30	2.5	L.01	9.0	2.1	L.05
90-11-08	1220	3.9	2.7	.05	12.2	2.7	L.05
90-11-08	1225	3.7	2.6	.05	13.8	2.7	L.05
MAX		3.9	2.7	.05	13.8	2.7	L.05
MIN		3.30	2.4	L.01	8.7	2.1	L.05

DATE	TIME	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)
90-06-12	1201	.38	.0004	.02	.320	L.002	L.002
90-06-12	1205	.37	.0003	.02	.310	L.002	L.002
90-11-08	1220	.53	.0004	.020	.330	L.002	L.002
90-11-08	1225	.51	.0004	.020	.320	L.002	L.002
MAX		.53	.0004	.02	.330	L.002	L.002
MIN		.37	.0003	.02	.310	L.002	L.002

DATE	TIME	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	10301L pH (UNITS)
90-06-12	1201	L.01	L.0005	L.001	L.02	L.002	5.2
90-06-12	1205	L.01	L.0005	L.001	L.02	L.002	5.0
90-11-08	1220	L.01	L.0005	L.001	L.02	.002	5.0
90-11-08	1225	L.01	L.0005	.001	L.02	L.002	4.9
MAX		L.01	L.0005	.001	L.02	.002	5.2
MIN		L.01	L.0005	L.001	L.02	L.002	4.9

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 04NF02YA0010 GAULTOIS WATER SUPPLY

DATE	TIME	02073L TURB (JTU)	02041L SP COND (USIE/CM)	02011L COLOR (UNITS)	07315L NO3 (MG/L)
90-06-12	1201	.5	42.2	110.	——
90-06-12	1205	.6	42.3	110.	——
90-11-08	1220	.5	49.	110.	.09
90-11-08	1225	.5	45.	110.	.09
MAX		.6	49.	110.	.09
MIN		.5	42.2	110.	.09

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 00NF02ZJ0025 GEORGE'S BROOK WATER SUPPLY SOURCE

DATE	TIME	17704L 2-6-DCP (UG/L)	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)	17705L 3-4-DCP (UG/L)	17713L 2-4-6TCP (UG/L)
91-05-28	0945	L.03	L.02	L.04	L.03	L.04	L.03
91-05-28	0950	L.03	L.02	L.04	L.03	L.04	L.03
91-10-16	1130	L.03	L.02	L.04	L.03	L.04	L.03
91-10-16	1135	L.03	L.02	L.04	L.03	L.04	L.03
MAX		L.03	L.02	L.04	L.03	L.04	L.03
MIN		L.03	L.02	L.04	L.03	L.04	L.03

DATE	TIME	17712L 2-3-6TCP (UG/L)	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)	17721L 2356 TECP (UG/L)	17720L 2345 TCP (UG/L)
91-05-28	0945	L.01	L.01	L.02	L.02	L.005	L.005
91-05-28	0950	L.01	L.01	L.02	L.02	L.005	L.005
91-10-16	1130	L.01	L.01	L.02	L.02	L.005	L.005
91-10-16	1135	L.01	L.01	L.02	L.02	L.005	L.005
MAX		L.01	L.01	L.02	L.02	L.005	L.005
MIN		L.01	L.01	L.02	L.02	L.005	L.005

DATE	TIME	17804L PCP (UG/L)
91-05-28	0945	L.002
91-05-28	0950	L.002
91-10-16	1130	L.002
91-10-16	1135	L.002
MAX		L.002
MIN		L.002

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02YB0010 GOOSE COVE EAST WATER SUPPLY SOURCE

DATE	TIME	02061S TEMP (DEG.C.)	02065S TEMP (DEG.C.)	10301F pH (UNITS)	02042F SP COND (USIE/CM)	08102S DO (MG/L)	17704L 2-6-DCP (UG/L)
91-06-15	1500	5.0	5.6	7.2	48.9	11.8	L.03
91-06-15	1505	5.0	5.6	7.2	48.9	11.8	L.03
91-11-07	1300	----	----	----	----	----	L.03
91-11-07	1305	----	----	----	----	----	L.03
MAX		5.0	5.6	7.2	48.9	11.8	L.03
MIN		5.0	5.6	7.2	48.9	11.8	L.03

DATE	TIME	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)	17705L 3-4-DCP (UG/L)	17713L 2-4-6TCP (UG/L)	17712L 2-3-6TCP (UG/L)
91-06-15	1500	L.02	L.04	L.03	L.04	L.03	L.01
91-06-15	1505	L.02	L.04	L.03	L.04	L.03	L.01
91-11-07	1300	L.02	L.04	L.03	L.04	L.03	L.01
91-11-07	1305	L.02	L.04	L.03	L.04	L.03	L.01
MAX		L.02	L.04	L.03	L.04	L.03	L.01
MIN		L.02	L.04	L.03	L.04	L.03	L.01

DATE	TIME	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)	17721L 2356 TECP (UG/L)	17720L 2345 TCP (UG/L)	17804L PCP (UG/L)
91-06-15	1500	L.01	L.02	L.02	L.005	L.005	.01
91-06-15	1505	L.01	L.02	L.02	L.005	L.005	.01
91-11-07	1300	L.01	L.02	L.02	L.005	L.005	.0011
91-11-07	1305	L.01	L.02	L.02	L.005	L.005	.0033
MAX		L.01	L.02	L.02	L.005	L.005	.01
MIN		L.01	L.02	L.02	L.005	L.005	.0011

DATE	TIME	17804X PCP (UG/L)
91-06-15	1500	----
91-06-15	1505	----
91-11-07	1300	L.008
91-11-07	1305	L.008
MAX		L.008
MIN		L.008

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 00NF02ZG0021 GRAND BANK WATER SUPPLY

DATE	TIME	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	06107L DOC (MG/L)	09105L FLUORIDE (MG/L)
91-06-04	1745	2.6	.67	6.0	.25	3.5	L.05
91-06-04	1747	2.6	.69	6.1	.25	3.3	L.05
91-10-23	1730	2.8	.71	6.1	.30	5.4	L.05
91-10-23	1735	2.8	.71	6.0	.30	5.4	L.05
MAX		2.8	.71	6.1	.30	5.4	L.05
MIN		2.6	.67	6.0	.25	3.3	L.05

DATE	TIME	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)
91-06-04	1745	.060	L.0002	.040	.17	L.002	.004
91-06-04	1747	.063	L.0002	.040	.17	L.002	L.002
91-10-23	1730	.083	L.0002	.050	.230	L.002	L.002
91-10-23	1735	.088	L.0002	.040	.260	L.002	L.002
MAX		.088	L.0002	.050	.260	L.002	.004
MIN		.060	L.0002	.040	.17	L.002	L.002

DATE	TIME	30304L ZINC (MG/L)	48302L CADMIUM (MG/L)	82302L LEAD (MG/L)	02073L TURB (JTU)	10301L pH (UNITS)	17209L Cl (MG/L)
91-06-04	1745	L.01	L.001	L.002	.4	6.9	10.
91-06-04	1747	L.01	L.001	L.002	.4	6.7	10.
91-10-23	1730	L.01	L.001	L.002	.5	6.8	10.5
91-10-23	1735	L.01	L.001	L.002	.5	6.8	10.6
MAX		L.01	L.001	L.002	.5	6.9	10.6
MIN		L.01	L.001	L.002	.4	6.7	10.

DATE	TIME	16309L SO4 (MG/L)	07315L NO3 (MG/L)	80315L MERCURY (UG/L)	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	10110L GRAN ALK (MG/L)
91-06-04	1745	2.3	.02	L.02	30.	51.	5.1
91-06-04	1747	2.3	.02	L.02	30.	51.	5.2
91-10-23	1730	2.6	.01	L.02	40.	51.	5.6
91-10-23	1735	2.3	.02	L.02	40.	51.	5.9
MAX		2.6	.02	L.02	40.	51.	5.9
MIN		2.3	.01	L.02	30.	51.	5.1

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 00NF02ZG0021 GRAND BANK WATER SUPPLY

DATE	TIME	33007L ARSENIC (MG/L)
91-06-04	1745	----
91-06-04	1747	----
91-10-23	1730	L.0005
91-10-23	1735	L.0005
MAX		L.0005
MIN		L.0005

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 00NF02YL0033 HALFWAY POINT AND JOHNS BEACH WATER SUPPLY

DATE	TIME	17704L 2-6-DCP (UG/L)	17703L 2-5-DCP (UG/L)	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)	17705L 3-4-DCP (UG/L)
90-05-30	1201	----	----	----	----	----	----
90-05-30	1202	L.008	**IN**	L.008	L.012	L.010	L.010
90-05-30	1205	----	----	----	----	----	----
90-05-30	1206	L.03	**TC**	L.02	L.04	L.03	L.04
90-10-29	0930	----	----	----	----	----	----
90-10-29	0935	----	----	----	----	----	----
MAX		L.03	----	L.02	L.04	L.03	L.04
MIN		L.03	----	L.02	L.04	L.03	L.04

DATE	TIME	17713L 2-4-6TCP (UG/L)	17712L 2-3-6TCP (UG/L)	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)	17721L 2356 TECP (UG/L)
90-05-30	1201	----	----	----	----	----	----
90-05-30	1202	L.015	L.010	L.017	L.012	L.011	L.028
90-05-30	1205	----	----	----	----	----	----
90-05-30	1206	L.03	L.01	L.01	L.02	L.02	L.005
90-10-29	0930	----	----	----	----	----	----
90-10-29	0935	----	----	----	----	----	----
MAX		L.03	L.01	L.01	L.02	L.02	L.005
MIN		L.03	L.01	L.01	L.02	L.02	L.005

DATE	TIME	17720L 2345 TCP (UG/L)	17804L PCP (UG/L)	10101L T ALK (MG/L)	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)
90-05-30	1201	----	----	4.6	1.0	.93	2.7
90-05-30	1202	L.017	L.030	----	----	----	----
90-05-30	1205	----	----	4.5	1.0	.98	2.7
90-05-30	1206	L.005	L.002	----	----	----	----
90-10-29	0930	----	----	9.2	2.6	2.1	4.1
90-10-29	0935	----	----	8.9	2.6	2.1	4.2
MAX		L.005	L.002	9.2	2.6	2.1	4.2
MIN		L.005	L.002	4.5	1.0	.93	2.7

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 00NF02YL0033 HALFWAY POINT AND JOHNS BEACH WATER SUPPLY

DATE	TIME	19103L K (MG/L)	17209L Cl (MG/L)	16313L SO4 (MG/L)	16309L SO4 (MG/L)	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)
90-05-30	1201	.16	3.2	2.26	1.4	L.01	4.8
90-05-30	1202	——	——	——	——	——	——
90-05-30	1205	.16	3.2	2.14	1.4	L.01	4.8
90-05-30	1206	——	——	——	——	——	——
90-10-29	0930	.30	7.3	2.7	2.0	.04	6.2
90-10-29	0935	.31	7.4	2.6	2.1	.04	6.4
MAX		.31	7.4	2.7	2.1	.04	6.4
MIN		.16	3.2	2.14	1.4	L.01	4.8

DATE	TIME	14109L SiO2 (MG/L)	09105L FLUORIDE (MG/L)	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)	26304L IRON (MG/L)
90-05-30	1201	1.8	L.05	.070	.0005	.03	.190
90-05-30	1202	——	——	——	——	——	——
90-05-30	1205	1.8	L.05	.071	.0005	.02	.200
90-05-30	1206	——	——	——	——	——	——
90-10-29	0930	2.8	L.05	.074	.0007	.030	.19
90-10-29	0935	2.8	L.05	.068	.0006	.030	.18
MAX		2.8	L.05	.074	.0007	.03	.200
MIN		1.8	L.05	.068	.0005	.02	.18

DATE	TIME	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)
90-05-30	1201	.002	L.002	L.01	L.0005	L.001	L.02
90-05-30	1202	——	——	——	——	——	——
90-05-30	1205	.002	L.002	L.01	L.0005	L.001	L.02
90-05-30	1206	——	——	——	——	——	——
90-10-29	0930	L.002	L.002	L.01	L.0005	L.001	L.02
90-10-29	0935	L.002	L.002	L.01	L.0005	L.001	L.02
MAX		.002	L.002	L.01	L.0005	L.001	L.02
MIN		L.002	L.002	L.01	L.0005	L.001	L.02

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 00NF02YL0033 HALFWAY POINT AND JOHNS BEACH WATER SUPPLY

DATE	TIME	82302L LEAD (MG/L)	10301L pH (UNITS)	02073L TURB (JTU)	02041L SP COND (USIE/CM)	02011L COLOR (UNITS)	02061S TEMP (DEG.C.)
90-05-30	1201	L.002	6.5	.5	28.6	40.	——
90-05-30	1202	——	——	——	——	——	——
90-05-30	1205	L.002	6.6	.5	28.3	40.	——
90-05-30	1206	——	——	——	——	——	——
90-10-29	0930	L.002	6.9	.5	55.5	50.	1.0
90-10-29	0935	L.002	7.0	.5	55.	50.	1.0
MAX		L.002	7.0	.5	55.5	50.	1.0
MIN		L.002	6.5	.5	28.3	40.	1.0

DATE	TIME	02065S TEMP (DEG.C.)	10301F pH (UNITS)	02042S SP COND (USIE/CM)	08102S DO (MG/L)	07315L NO3 (MG/L)
90-05-30	1201	——	——	——	——	——
90-05-30	1202	——	——	——	——	——
90-05-30	1205	——	——	——	——	——
90-05-30	1206	——	——	——	——	——
90-10-29	0930	2.0	6.8	56.0	11.8	.05
90-10-29	0935	2.0	6.8	56.0	11.8	.05
MAX		2.0	6.8	56.0	11.8	.05
MIN		2.0	6.8	56.0	11.8	.05

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02ZF0021 HARBOUR BRETON WATER SUPPLY AT CONNAIGRE POND

DATE	TIME	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	10101L T ALK (MG/L)	20110L Ca (MG/L)
89-06-28	1201	30.	70.	.3	7.2	10.2	5.0
89-06-28	1205	35.	70.	.2	7.2	10.2	5.0
89-10-23	1310	50.	81.	.5	6.9	14.3	6.1
89-10-23	1315	50.	83.	.5	7.0	15.4	6.9
MAX		50.	83.	.5	7.2	15.4	6.9
MIN		30.	70.	.2	6.9	10.2	5.0

DATE	TIME	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)	16304L SO4 (MG/L)	16309L SO4 (MG/L)
89-06-28	1201	.88	6.8	.24	9.2	3.9	3.2
89-06-28	1205	.90	7.0	.29	3.2	3.7	3.2
89-10-23	1310	1.1	7.3	.44	11.7	3.4	3.2
89-10-23	1315	1.1	7.3	.33	11.9	3.4	3.2
MAX		1.1	7.3	.44	11.9	3.9	3.2
MIN		.88	6.8	.24	3.2	3.4	3.2

DATE	TIME	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14102L Si (MG/L)	09105L FLUORIDE (MG/L)	13305L Al (MG/L)	25304L Mn (MG/L)
89-06-28	1201	.03	4.5	1.6	L.05	.12	.010
89-06-28	1205	.02	4.4	1.6	L.05	.12	.010
89-10-23	1310	.02	6.2	1.9	L.05	.12	.010
89-10-23	1315	.04	6.0	1.9	L.05	.10	.010
MAX		.04	6.2	1.9	L.05	.12	.010
MIN		.02	4.4	1.6	L.05	.10	.010

DATE	TIME	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)
89-06-28	1201	——	L.002	L.002	L.01	L.0005	L.001
89-06-28	1205	.05	L.002	L.002	L.0	L.0005	L.001
89-10-23	1310	.06	L.002	L.002	L.01	L.0005	L.001
89-10-23	1315	.06	L.002	.002	L.01	L.0005	L.001
MAX		.06	L.002	.002	L.01	L.0005	L.001
MIN		.05	L.002	L.002	L.01	L.0005	L.001

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02ZF0021 HARBOUR BRETON WATER SUPPLY AT CONNAIGRE POND

DATE	TIME	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	26305L IRON (MG/L)	24004L Cr (MG/L)	16313L SO4 (MG/L)	14109L SiO2 (MG/L)
89-06-28	1201	L.02	L.002	.048	——	——	——
89-06-28	1205	L.02	L.002	——	——	——	——
89-10-23	1310	L.02	L.002	——	.0003	3.5	1.92
89-10-23	1315	L.02	L.002	——	.0003	3.49	1.95
MAX		L.02	L.002	.048	.0003	3.5	1.95
MIN		L.02	L.002	.048	.0003	3.49	1.92

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02ZL3017 HARBOUR MAIN WATER SUPPLY @ MALONEYS RIVER

DATE	TIME	17704L 2-6-DCP (UG/L)	17703L 2-5-DCP (UG/L)	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)	17705L 3-4-DCP (UG/L)
89-06-16	1202	——	——	——	——	——	——
89-06-16	1206	——	——	——	——	——	——
89-10-26	1500	L.03	L.02	L.02	L.04	L.03	L.04
89-10-26	1501	——	——	——	——	——	——
89-10-26	1505	L.03	L.02	L.02	L.04	L.03	L.04
89-10-26	1506	——	——	——	——	——	——
90-06-05	1201	L.008	**IN**	L.008	L.012	L.010	L.010
90-06-05	1205	L.008	**IN**	L.008	L.012	L.010	L.010
MAX		L.008	L.02	L.008	L.012	L.010	L.010
MIN		L.008	L.02	L.008	L.012	L.010	L.010

DATE	TIME	17713L 2-4-6TCP (UG/L)	17712L 2-3-6TCP (UG/L)	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)	17721L 2356 TECP (UG/L)
89-06-16	1202	——	——	——	——	——	——
89-06-16	1206	——	——	——	——	——	——
89-10-26	1500	L.03	L.01	L.01	L.02	L.02	L.005
89-10-26	1501	——	——	——	——	——	——
89-10-26	1505	L.03	L.01	L.01	L.02	L.02	L.005
89-10-26	1506	——	——	——	——	——	——
90-06-05	1201	L.015	L.010	L.017	L.012	L.011	L.017
90-06-05	1205	L.015	L.010	L.017	L.012	L.011	L.017
MAX		L.015	L.010	L.017	L.012	L.011	L.017
MIN		L.015	L.010	L.017	L.012	L.011	L.017

DATE	TIME	17720L 2345 TCP (UG/L)	17804L PCP (UG/L)	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)
89-06-16	1202	——	——	5.	61.	.4	6.9
89-06-16	1206	——	——	5.	61.	.3	6.9
89-10-26	1500	L.005	.002	——	——	——	——
89-10-26	1501	——	——	10.	61.	.4	6.8
89-10-26	1505	L.005	.002	——	——	——	——
89-10-26	1506	——	——	10.	60.	.3	6.8
90-06-05	1201	L.028	L.030	——	——	——	——
90-06-05	1205	L.028	L.030	——	——	——	——
MAX		L.028	.002	10.	61.	.4	6.9
MIN		L.028	L.030	5.	60.	.3	6.8

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02ZL3017 HARBOUR MAIN WATER SUPPLY @ MALONEYS RIVER

DATE	TIME	10101L T ALK (MG/L)	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)
89-06-16	1202	6.0	2.9	.67	6.8	.42	12.2
89-06-16	1206	6.0	2.9	.67	6.5	.42	12.2
89-10-26	1500	——	——	——	——	——	——
89-10-26	1501	6.1	2.9	.75	7.1	.33	10.4
89-10-26	1505	——	——	——	——	——	——
89-10-26	1506	6.6	2.9	.75	7.1	.37	10.9
90-06-05	1201	——	——	——	——	——	——
90-06-05	1205	——	——	——	——	——	——
MAX		6.6	2.9	.75	7.1	.42	12.2
MIN		6.0	2.9	.67	6.5	.33	10.4

DATE	TIME	16304L SO4 (MG/L)	16309L SO4 (MG/L)	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14102L Si (MG/L)	09105L FLUORIDE (MG/L)
89-06-16	1202	2.6	2.1	L.01	2.0	.68	L.05
89-06-16	1206	2.6	2.6	L.01	2.0	.65	L.05
89-10-26	1500	——	——	——	——	——	——
89-10-26	1501	**TC**	2.3	L.01	2.9	1.7	L.05
89-10-26	1505	——	——	——	——	——	——
89-10-26	1506	**TC**	2.2	L.01	3.0	1.7	L.05
90-06-05	1201	——	——	——	——	——	——
90-06-05	1205	——	——	——	——	——	——
MAX		2.6	2.6	L.01	3.0	1.7	L.05
MIN		2.6	2.1	L.01	2.0	.65	L.05

DATE	TIME	13305L Al (MG/L)	25304L Mn (MG/L)	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)
89-06-16	1202	.018	.02	.06	L.002	L.002	L.01
89-06-16	1206	.017	.02	.05	L.002	L.002	L.01
89-10-26	1500	——	——	——	——	——	——
89-10-26	1501	.029	.010	——	L.002	L.002	L.01
89-10-26	1505	——	——	——	——	——	——
89-10-26	1506	.045	.040	.09	L.002	L.002	L.01
90-06-05	1201	——	——	——	——	——	——
90-06-05	1205	——	——	——	——	——	——
MAX		.045	.040	.09	L.002	L.002	L.01
MIN		.017	.010	.05	L.002	L.002	L.01

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02ZL3017 HARBOUR MAIN WATER SUPPLY @ MALONEYS RIVER

DATE	TIME	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	26305L IRON (MG/L)	24004L Cr (MG/L)
89-06-16	1202	L.0005	L.001	L.02	L.002	——	——
89-06-16	1206	L.0005	L.001	L.02	L.002	——	——
89-10-26	1500	——	——	——	——	——	——
89-10-26	1501	L.0005	L.001	L.02	L.002	.05	L.0002
89-10-26	1505	——	——	——	——	——	——
89-10-26	1506	L.0005	L.001	L.02	L.002	——	L.0002
90-06-05	1201	——	——	——	——	——	——
90-06-05	1205	——	——	——	——	——	——
MAX		L.0005	L.001	L.02	L.002	.05	L.0002
MIN		L.0005	L.001	L.02	L.002	.05	L.0002

DATE	TIME	16313L SO4 (MG/L)	14109L SiO2 (MG/L)
89-06-16	1202	——	——
89-06-16	1206	——	——
89-10-26	1500	——	——
89-10-26	1501	3.10	1.64
89-10-26	1505	——	——
89-10-26	1506	3.04	1.65
90-06-05	1201	——	——
90-06-05	1205	——	——
MAX		3.10	1.65
MIN		3.04	1.64

STATION NUMBER— 01NF02ZL3017 HARBOUR MAIN WATER SUPPLY @ MALONEYS RIVER

DATE	TIME	17704L 2-6-DCP (UG/L)	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)	17705L 3-4-DCP (UG/L)	17713L 2-4-6TCP (UG/L)
91-05-29	1130	L.03	L.02	L.04	L.03	L.04	L.03
91-05-29	1135	L.03	L.02	L.04	L.03	L.04	L.03
91-10-17	1145	L.03	L.02	L.04	L.03	L.04	L.03
91-10-17	1150	L.03	L.02	L.04	L.03	L.04	L.03
MAX		L.03	L.02	L.04	L.03	L.04	L.03
MIN		L.03	L.02	L.04	L.03	L.04	L.03

DATE	TIME	17712L 2-3-6TCP (UG/L)	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)	17721L 2356 TECP (UG/L)	17720L 2345 TCP (UG/L)
91-05-29	1130	L.01	L.01	L.02	L.02	L.005	L.005
91-05-29	1135	L.01	L.01	L.02	L.02	L.005	L.005
91-10-17	1145	L.01	L.01	L.02	L.02	L.005	L.005
91-10-17	1150	L.01	L.01	L.02	L.02	L.005	L.005
MAX		L.01	L.01	L.02	L.02	L.005	L.005
MIN		L.01	L.01	L.02	L.02	L.005	L.005

DATE	TIME	17804L PCP (UG/L)	17804X PCP (UG/L)
91-05-29	1130	L.002	----
91-05-29	1135	L.002	----
91-10-17	1145	L.002	----
91-10-17	1150	.0022	L.008
MAX		.0022	L.008
MIN		L.002	L.008

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 04NF02ZL0033 HEART'S CONTENT WATER SUPPLY AT SOUTHERN COVE

DATE	TIME	10110L GRAN ALK (MG/L)	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)
90-06-05	1201	1.2	.90	.47	4.2	.30	6.6
90-06-05	1205	1.1	.87	.47	4.2	.30	6.7
90-11-14	1030	——	.76	.48	4.2	.27	6.3
90-11-14	1035	——	.77	.48	4.2	.27	6.3
MAX		1.2	.90	.48	4.2	.30	6.7
MIN		1.1	.76	.47	4.2	.27	6.3

DATE	TIME	16313L SO4 (MG/L)	16309L SO4 (MG/L)	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14109L SiO2 (MG/L)	09105L FLUORIDE (MG/L)
90-06-05	1201	2.49	2.6	.01	3.1	1.6	L.05
90-06-05	1205	2.29	2.5	.01	3.1	1.6	L.05
90-11-14	1030	2.4	2.5	.02	4.1	1.3	L.05
90-11-14	1035	2.3	2.7	.02	4.1	1.3	L.05
MAX		2.49	2.7	.02	4.1	1.6	L.05
MIN		2.29	2.5	.01	3.1	1.3	L.05

DATE	TIME	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)
90-06-05	1201	.090	L.0002	L.01	.06	L.002	L.002
90-06-05	1205	.095	.0002	.02	.05	L.002	L.002
90-11-14	1030	.097	L.0002	.01	.05	L.002	L.002
90-11-14	1035	.11	L.0002	.01	.05	L.002	L.002
MAX		.11	.0002	.02	.06	L.002	L.002
MIN		.090	L.0002	L.01	.05	L.002	L.002

DATE	TIME	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	02011L COLOR (UNITS)
90-06-05	1201	L.01	L.0005	L.001	L.02	L.002	5.
90-06-05	1205	L.01	L.0005	L.001	L.02	L.002	5.
90-11-14	1030	L.01	L.0005	L.001	L.02	L.002	20.
90-11-14	1035	L.01	L.0005	L.001	L.02	L.002	20.
MAX		L.01	L.0005	L.001	L.02	L.002	20.
MIN		L.01	L.0005	L.001	L.02	L.002	5.

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 04NF02ZL0033 HEART'S CONTENT WATER SUPPLY AT SOUTHERN COVE

DATE	TIME	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	10101L T ALK (MG/L)	07315L NO3 (MG/L)
90-06-05	1201	34.5	.5	6.0	----	----
90-06-05	1205	34.5	.5	6.0	----	----
90-11-14	1030	34.	.4	6.1	1.6	L.05
90-11-14	1035	34.	.4	6.1	1.6	L.05
MAX		34.5	.5	6.1	1.6	L.05
MIN		34.	.4	6.0	1.6	L.05

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02ZL0003 HEARTS DESIRE WATER SUPPLY @ TERRENCE POND

DATE	TIME	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	06107L DOC (MG/L)	09105L FLUORIDE (MG/L)
91-05-29	0900	1.7	.78	6.5	.36	2.5	L.05
91-05-29	0905	1.7	.77	6.5	.33	2.6	L.05
91-10-17	1000	1.80	.79	6.7	.40	2.7	L.05
91-10-17	1005	1.77	.79	6.7	.40	2.8	L.05
MAX		1.80	.79	6.7	.40	2.8	L.05
MIN		1.7	.77	6.5	.33	2.5	L.05

DATE	TIME	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)	26305L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)
91-05-29	0900	.043	L.0002	L.010	.010	L.002	L.002
91-05-29	0905	.044	L.0002	L.010	.012	L.002	L.002
91-10-17	1000	.040	L.0002	L.010	.017	L.002	L.002
91-10-17	1005	.039	L.0002	L.010	.016	L.002	L.002
MAX		.044	L.0002	L.010	.017	L.002	L.002
MIN		.039	L.0002	L.010	.010	L.002	L.002

DATE	TIME	30304L ZINC (MG/L)	48302L CADMIUM (MG/L)	82302L LEAD (MG/L)	02073L TURB (JTU)	10301L pH (UNITS)	17209L Cl (MG/L)
91-05-29	0900	L.01	L.001	L.002	.4	6.4	10.6
91-05-29	0905	L.01	L.001	L.002	.4	6.6	9.8
91-10-17	1000	L.01	L.001	L.002	.3	6.7	12.0
91-10-17	1005	L.01	L.001	L.002	.3	6.8	12.0
MAX		L.01	L.001	L.002	.4	6.8	12.0
MIN		L.01	L.001	L.002	.3	6.4	9.8

DATE	TIME	16309L SO4 (MG/L)	07315L NO3 (MG/L)	80315L MERCURY (UG/L)	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	10110L GRAN ALK (MG/L)
91-05-29	0900	2.8	L.01	L.02	10.	49.	3.4
91-05-29	0905	2.7	L.01	L.02	10.	49.	3.8
91-10-17	1000	2.9	L.01	L.02	10.	52.	4.1
91-10-17	1005	2.9	L.01	L.02	10.	52.	4.2
MAX		2.9	L.01	L.02	10.	52.	4.2
MIN		2.7	L.01	L.02	10.	49.	3.4

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02ZL0003 HEARTS DESIRE WATER SUPPLY @ TERRENCE POND

DATE	TIME	33007L ARSENIC (MG/L)
91-05-29	0900	----
91-05-29	0905	----
91-10-17	1000	L.0005
91-10-17	1005	L.0005
MAX		L.0005
MIN		L.0005

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02ZJ0011 HICKMANS HARBOUR - BIG LOSS PD @ INTAKE

DATE	TIME	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	06107L DOC (MG/L)	09105L FLUORIDE (MG/L)
91-05-28	0855	2.6	.65	3.1	.22	2.9	L.05
91-05-28	0857	2.6	.64	3.1	.21	3.1	L.05
91-10-16	1030	2.9	.74	3.1	.24	3.4	L.05
91-10-16	1035	2.9	.74	3.2	.23	3.5	L.05
MAX		2.9	.74	3.2	.24	3.5	L.05
MIN		2.6	.64	3.1	.21	2.9	L.05

DATE	TIME	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)	26305L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)
91-05-28	0855	.037	L.0002	.040	.030	L.002	L.002
91-05-28	0857	.037	L.0002	.040	.035	L.002	L.002
91-10-16	1030	.042	L.0002	.050	.050	L.002	L.002
91-10-16	1035	.043	L.0002	.050	——	L.002	L.002
MAX		.043	L.0002	.050	.050	L.002	L.002
MIN		.037	L.0002	.040	.030	L.002	L.002

DATE	TIME	30304L ZINC (MG/L)	48302L CADMIUM (MG/L)	82302L LEAD (MG/L)	02073L TURB (JTU)	10301L pH (UNITS)	17209L Cl (MG/L)
91-05-28	0855	L.01	L.001	L.002	.4	6.9	4.6
91-05-28	0857	L.01	L.001	L.002	.4	6.9	4.3
91-10-16	1030	L.01	L.001	L.002	.5	7.0	5.0
91-10-16	1035	L.01	L.001	L.002	.5	6.9	4.2
MAX		L.01	L.001	L.002	.5	7.0	5.0
MIN		L.01	L.001	L.002	.4	6.9	4.2

DATE	TIME	16309L SO4 (MG/L)	07315L NO3 (MG/L)	80315L MERCURY (UG/L)	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	10110L GRAN ALK (MG/L)
91-05-28	0855	2.5	L.01	L.02	20.	34.	6.6
91-05-28	0857	2.4	L.01	L.02	20.	34.	6.8
91-10-16	1030	3.5	L.01	L.02	40.	38.	8.3
91-10-16	1035	2.8	L.01	L.02	10.	38.	8.3
MAX		3.5	L.01	L.02	40.	38.	8.3
MIN		2.4	L.01	L.02	10.	34.	6.6

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02ZJ0011 HICKMANS HARBOUR - BIG LOSS PD @ INTAKE

DATE	TIME	33007L ARSENIC (MG/L)	26304L IRON (MG/L)
91-05-28	0855	----	----
91-05-28	0857	----	----
91-10-16	1030	L.0005	----
91-10-16	1035	L.0005	.050
MAX		L.0005	.050
MIN		L.0005	.050

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 00NF02YR0027 INDIAN BAY WATER SUPPLY AT INDIAN BAY BROOK

DATE	TIME	10101L T ALK (MG/L)	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)
90-06-14	1201	2.5	1.1	.52	2.2	.19	3.1
90-06-14	1205	2.4	1.1	.52	2.2	.18	3.1
90-11-13	1255	3.0	1.1	.59	2.4	.19	3.6
90-11-13	1300	3.0	1.1	.59	2.5	.20	3.6
MAX		3.0	1.1	.59	2.5	.20	3.6
MIN		2.4	1.1	.52	2.2	.18	3.1

DATE	TIME	16313L SO4 (MG/L)	16309L SO4 (MG/L)	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14109L SiO2 (MG/L)	09105L FLUORIDE (MG/L)
90-06-14	1201	1.06	1.0	L.01	5.2	1.26	L.05
90-06-14	1205	1.38	1.0	L.01	5.1	1.19	L.05
90-11-13	1255	1.5	1.5	L.01	4.3	1.0	L.05
90-11-13	1300	1.5	1.5	L.01	4.6	1.0	L.05
MAX		1.5	1.5	L.01	5.2	1.26	L.05
MIN		1.06	1.0	L.01	4.3	1.0	L.05

DATE	TIME	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)
90-06-14	1201	.068	.0003	.02	.090	L.002	L.002
90-06-14	1205	.079	.0003	.02	.090	L.002	L.002
90-11-13	1255	.043	.0003	.020	.050	L.002	L.002
90-11-13	1300	.048	.0003	.020	.050	L.002	L.002
MAX		.079	.0003	.02	.090	L.002	L.002
MIN		.043	.0003	.02	.050	L.002	L.002

DATE	TIME	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	10301L pH (UNITS)
90-06-14	1201	L.01	L.0005	L.001	L.02	L.002	6.3
90-06-14	1205	L.01	L.0005	L.001	L.02	L.002	6.3
90-11-13	1255	L.01	L.0005	L.001	L.02	L.002	6.4
90-11-13	1300	L.01	L.0005	L.001	L.02	L.002	6.5
MAX		L.01	L.0005	L.001	L.02	L.002	6.5
MIN		L.01	L.0005	L.001	L.02	L.002	6.3

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 00NF02YR0027 INDIAN BAY WATER SUPPLY AT INDIAN BAY BROOK

DATE	TIME	02073L TURB (JTU)	02041L SP COND (USIE/CM)	02011L COLOR (UNITS)	07315L NO3 (MG/L)
90-06-14	1201	.3	22.9	20.	——
90-06-14	1205	.3	22.7	20.	——
90-11-13	1255	.4	26.	15.	L.05
90-11-13	1300	.4	26.	20.	L.05
MAX		.4	26.	20.	L.05
MIN		.3	22.7	15.	L.05

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 00NF02YL0036 IRISHTOWN MUNICIPAL WATER SUPPLY SOURCE

DATE	TIME	02061S TEMP (DEG.C.)	10301F pH (UNITS)	02042F SP COND (USIE/CM)	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)
91-05-28	1045	6.0	6.9	41.0	3.3	.93	2.9
91-05-28	1050	6.0	6.9	41.0	3.3	.95	2.9
91-10-29	1430	----	7.5	56.7	6.0	1.7	3.4
91-10-29	1435	----	7.5	56.	5.9	1.7	3.5
MAX		6.0	7.5	56.7	6.0	1.7	3.5
MIN		6.0	6.9	41.0	3.3	.93	2.9

DATE	TIME	19103L K (MG/L)	17209L Cl (MG/L)	16309L SO4 (MG/L)	07315L NO3 (MG/L)	06107L DOC (MG/L)	09105L FLUORIDE (MG/L)
91-05-28	1045	.23	4.1	3.1	.03	6.1	L.05
91-05-28	1050	.24	4.1	3.1	.03	6.7	L.05
91-10-29	1430	.26	4.6	3.0	.06	9.5	L.05
91-10-29	1435	.27	4.6	3.0	.06	9.1	L.05
MAX		.27	4.6	3.1	.06	9.5	L.05
MIN		.23	4.1	3.0	.03	6.1	L.05

DATE	TIME	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)
91-05-28	1045	.11	.0003	L.010	.180	L.002	L.002
91-05-28	1050	.12	.0002	.010	.200	L.002	L.002
91-10-29	1430	.082	.0002	.02	.200	.002	L.002
91-10-29	1435	.092	.0002	.020	.200	.002	L.002
MAX		.12	.0003	.02	.200	.002	L.002
MIN		.082	.0002	L.010	.180	L.002	L.002

DATE	TIME	30304L ZINC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)
91-05-28	1045	L.01	L.001	L.02	L.002	65.	38.
91-05-28	1050	L.01	L.001	L.02	L.002	65.	38.
91-10-29	1430	L.01	L.001	L.02	L.002	55.	58.
91-10-29	1435	L.01	L.001	L.02	L.002	55.	58.
MAX		L.01	L.001	L.02	L.002	65.	58.
MIN		L.01	L.001	L.02	L.002	55.	38.

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 00NF02YL0036 IRISHTOWN MUNICIPAL WATER SUPPLY SOURCE

DATE	TIME	02073L TURB (JTU)	10301L pH (UNITS)	10110L GRAN ALK (MG/L)	33007L ARSENIC (MG/L)
91-05-28	1045	1.0	6.9	7.9	——
91-05-28	1050	1.2	6.9	8.1	——
91-10-29	1430	.6	6.6	12.4	L.0005
91-10-29	1435	.5	7.3	17.2	L.0005
MAX		1.2	7.3	17.2	L.0005
MIN		.5	6.6	7.9	L.0005

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02ZJ3005 KEELS WATER SUPPLY AT BOLANDS POND

DATE	TIME	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	10110L GRAN ALK (MG/L)	20110L Ca (MG/L)
89-06-19	1201	30.	76.	.5	5.8	.7	1.2
89-06-19	1205	30.	77.	.5	5.8	.8	1.2
89-10-23	1400	55.	86.	.7	5.9	1.8	1.5
89-10-23	1405	55.	88.	.6	5.9	1.8	1.5
MAX		55.	88.	.7	5.9	1.8	1.5
MIN		30.	76.	.5	5.8	.7	1.2

DATE	TIME	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)	16304L SO4 (MG/L)	16309L SO4 (MG/L)
89-06-19	1201	1.1	10.3	.48	18.6	4.5	4.4
89-06-19	1205	1.1	10.3	.49	18.7	4.4	4.3
89-10-23	1400	.19	11.7	.56	19.4	**TC**	4.1
89-10-23	1405	1.3	12.1	.58	19.6	**TC**	4.1
MAX		1.3	12.1	.58	19.6	4.5	4.4
MIN		.19	10.3	.48	18.6	4.4	4.1

DATE	TIME	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14102L Si (MG/L)	09105L FLUORIDE (MG/L)	13305L Al (MG/L)	25304L Mn (MG/L)
89-06-19	1201	L.01	5.0	L.1	L.05	.13	L.01
89-06-19	1205	L.01	5.0	L.1	L.05	.12	L.01
89-10-23	1400	L.01	6.0	.66	L.05	.18	.010
89-10-23	1405	L.01	6.2	.67	L.05	.21	.010
MAX		L.01	6.2	.67	L.05	.21	.010
MIN		L.01	5.0	L.1	L.05	.12	L.01

DATE	TIME	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)
89-06-19	1201	.15	L.002	L.002	L.01	L.0005	L.001
89-06-19	1205	.14	L.002	L.002	L.01	L.0005	L.001
89-10-23	1400	.22	L.002	L.002	L.01	L.0005	L.001
89-10-23	1405	.22	L.002	L.002	L.01	L.0005	L.001
MAX		.22	L.002	L.002	L.01	L.0005	L.001
MIN		.14	L.002	L.002	L.01	L.0005	L.001

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02ZJ3005 KEELS WATER SUPPLY AT BOLANDS POND

DATE	TIME	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	24004L Cr (MG/L)	16313L SO4 (MG/L)	14109L SiO2 (MG/L)
89-06-19	1201	L.02	L.002	——	——	——
89-06-19	1205	L.02	L.002	——	——	——
89-10-23	1400	L.02	L.002	.0002	4.65	.61
89-10-23	1405	L.02	L.002	.0002	4.75	.67
MAX		L.02	L.002	.0002	4.75	.67
MIN		L.02	L.002	.0002	4.65	.61

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02YM0018 KINGS POINT WATER SUPPLY AT BULLEYS POND

DATE	TIME	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	10101L T ALK (MG/L)	20110L Ca (MG/L)
89-06-27	1205	30.	22.	.5	6.6	5.2	1.7
89-10-24	1130	55.	22.7	.6	6.3	3.0	1.7
89-10-24	1135	55.	21.3	.6	6.2	2.5	1.7
MAX		55.	22.7	.6	6.6	5.2	1.7
MIN		30.	21.3	.5	6.2	2.5	1.7

DATE	TIME	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)	16304L SO4 (MG/L)	16309L SO4 (MG/L)
89-06-27	1205	.37	2.0	.21	1.7	2.2	1.6
89-10-24	1130	.38	1.9	.23	2.1	2.5	1.8
89-10-24	1135	.38	1.9	.22	2.0	2.5	1.7
MAX		.38	2.0	.23	2.1	2.5	1.8
MIN		.37	1.9	.21	1.7	2.2	1.6

DATE	TIME	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14102L Si (MG/L)	09105L FLUORIDE (MG/L)	13305L Al (MG/L)	25304L Mn (MG/L)
89-06-27	1205	.02	3.4	2.6	L.05	.11	L.010
89-10-24	1130	L.01	6.8	3.9	L.05	.19	L.010
89-10-24	1135	L.01	7.1	3.9	L.05	.19	L.010
MAX		.02	7.1	3.9	L.05	.19	L.010
MIN		L.01	3.4	2.6	L.05	.11	L.010

DATE	TIME	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)
89-06-27	1205	.30	L.002	L.002	L.01	L.0005	L.001
89-10-24	1130	.19	L.002	L.002	L.01	L.0005	L.001
89-10-24	1135	.20	L.002	L.002	L.01	L.0005	L.001
MAX		.30	L.002	L.002	L.01	L.0005	L.001
MIN		.19	L.002	L.002	L.01	L.0005	L.001

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02YM0018 KINGS POINT WATER SUPPLY AT BULLEYS POND

DATE	TIME	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	24004L Cr (MG/L)	16313L SO4 (MG/L)	14109L SiO2 (MG/L)
89-06-27	1205	L.02	L.002	----	----	----
89-10-24	1130	L.02	L.002	.0002	2.28	3.85
89-10-24	1135	L.02	L.002	.0002	2.46	3.87
MAX		L.02	L.002	.0002	2.46	3.87
MIN		L.02	L.002	.0002	2.28	3.85

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 04NF02YD0115 LOON BAY WATER SUPPLY

DATE	TIME	10101L T ALK (MG/L)	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)
90-06-18	1201	8.2	3.1	.67	2.6	.42	3.2
90-06-18	1205	8.7	3.2	.64	2.8	.49	3.2
90-11-14	1555	8.1	3.1	.73	2.7	.38	3.5
90-11-14	1600	8.2	3.1	.73	2.7	.37	3.4
MAX		8.7	3.2	.73	2.8	.49	3.5
MIN		8.1	3.1	.64	2.6	.37	3.2

DATE	TIME	16313L SO4 (MG/L)	16309L SO4 (MG/L)	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14109L SiO2 (MG/L)	09105L FLUORIDE (MG/L)
90-06-18	1201	1.63	.93	L.01	6.7	.49	L.05
90-06-18	1205	1.68	.96	L.01	6.9	.52	L.05
90-11-14	1555	2.0	1.9	.01	6.6	.88	L.05
90-11-14	1600	2.0	1.8	.02	6.4	.99	L.05
MAX		2.0	1.9	.02	6.9	.99	L.05
MIN		1.63	.93	L.01	6.4	.49	L.05

DATE	TIME	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)
90-06-18	1201	.048	L.0002	.12	.050	L.002	L.002
90-06-18	1205	.045	L.0002	.02	.060	L.002	L.002
90-11-14	1555	.032	L.0002	L.010	——	L.002	L.002
90-11-14	1600	.031	L.0002	L.010	——	L.002	L.002
MAX		.048	L.0002	.12	.060	L.002	L.002
MIN		.031	L.0002	L.010	.050	L.002	L.002

DATE	TIME	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	10301L pH (UNITS)
90-06-18	1201	L.01	L.0005	L.001	L.02	L.002	6.9
90-06-18	1205	L.01	L.0005	L.001	L.02	L.002	6.9
90-11-14	1555	L.01	L.0005	L.001	L.02	L.002	6.9
90-11-14	1600	L.01	L.0005	L.001	L.02	L.002	6.9
MAX		L.01	L.0005	L.001	L.02	L.002	6.9
MIN		L.01	L.0005	L.001	L.02	L.002	6.9

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 04NF02YD0115 LOON BAY WATER SUPPLY

DATE	TIME	02073L TURB (JTU)	02041L SP COND (USIE/CM)	02011L COLOR (UNITS)	07315L NO3 (MG/L)	26305L IRON (MG/L)
90-06-18	1201	.3	34.8	20.	----	----
90-06-18	1205	.3	35.0	20.	----	----
90-11-14	1555	.4	38.	15.	L.05	.05
90-11-14	1600	.4	38.	20.	L.05	.05
MAX		.4	38.	20.	L.05	.05
MIN		.3	34.8	15.	L.05	.05

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02YR0022 LUMSDEN WATER SUPPLY AT GULL POND

DATE	TIME	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	10110L GRAN ALK (MG/L)	20110L Ca (MG/L)
89-06-15	1202	100.	45.	.8	5.5	.9	.64
89-06-15	1206	100.	45.	.7	5.4	.8	.64
89-10-26	1201	220.	49.8	1.4	5.5	1.4	1.0
89-10-26	1205	220.	49.8	1.5	5.4	1.2	.89
MAX		220.	49.8	1.5	5.5	1.4	1.0
MIN		100.	45.	.7	5.4	.8	.64

DATE	TIME	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)	16304L SO4 (MG/L)	16309L SO4 (MG/L)
89-06-15	1202	.74	6.4	.23	10.6	3.0	1.8
89-06-15	1206	.72	6.3	.20	10.5	3.1	1.8
89-10-26	1201	.83	6.7	.27	10.7	**TC**	1.4
89-10-26	1205	1.0	6.7	.21	10.2	**TC**	1.4
MAX		1.0	6.7	.27	10.7	3.1	1.8
MIN		.72	6.3	.20	10.2	3.0	1.4

DATE	TIME	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14102L Si (MG/L)	09105L FLUORIDE (MG/L)	13305L Al (MG/L)	25304L Mn (MG/L)
89-06-15	1202	L.01	6.0	.58	L.05	.24	.02
89-06-15	1206	L.01	6.0	.58	L.05	.24	.02
89-10-26	1201	L.01	12.	1.8	.06	.38	.020
89-10-26	1205	L.01	11.	1.8	.06	.39	.020
MAX		L.01	12.	1.8	.06	.39	.02
MIN		L.01	6.0	.58	L.05	.24	.02

DATE	TIME	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)
89-06-15	1202	.45	L.002	L.002	L.01	L.0005	L.001
89-06-15	1206	.44	L.002	L.002	L.01	L.0005	L.001
89-10-26	1201	1.7	L.002	L.002	L.01	.0005	L.001
89-10-26	1205	1.7	L.002	L.002	L.01	L.0005	L.001
MAX		1.7	L.002	L.002	L.01	.0005	L.001
MIN		.44	L.002	L.002	L.01	L.0005	L.001

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02YR0022 LUMSDEN WATER SUPPLY AT GULL POND

DATE	TIME	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	24004L Cr (MG/L)	16313L SO4 (MG/L)	14109L SiO2 (MG/L)
89-06-15	1202	L.02	L.002	----	----	----
89-06-15	1206	L.02	L.002	----	----	----
89-10-26	1201	L.02	L.002	.0006	3.13	1.82
89-10-26	1205	L.02	L.002	.0006	3.14	1.83
MAX		L.02	L.002	.0006	3.14	1.83
MIN		L.02	L.002	.0006	3.13	1.82

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02ZG0005 MARYSTOWN WATER SUPPLY @ LINTON LAKE

DATE	TIME	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	06107L DOC (MG/L)	09105L FLUORIDE (MG/L)
91-06-04	1040	4.0	.98	8.0	.36	3.5	L.05
91-06-04	1045	4.0	.98	8.1	.39	3.3	L.05
91-10-23	1215	4.1	1.03	7.4	.40	6.3	L.05
91-10-23	1220	4.2	1.03	7.5	.42	6.3	L.05
MAX		4.2	1.03	8.1	.42	6.3	L.05
MIN		4.0	.98	7.4	.36	3.3	L.05

DATE	TIME	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)
91-06-04	1040	.065	L.0002	.020	.05	L.002	L.002
91-06-04	1045	.060	L.0002	.020	.05	L.002	L.002
91-10-23	1215	.13	L.0002	.120	.110	L.002	L.002
91-10-23	1220	.13	L.0002	.120	.110	L.002	L.002
MAX		.13	L.0002	.120	.110	L.002	L.002
MIN		.060	L.0002	.020	.05	L.002	L.002

DATE	TIME	30304L ZINC (MG/L)	48302L CADMIUM (MG/L)	82302L LEAD (MG/L)	02073L TURB (JTU)	10301L pH (UNITS)	17209L Cl (MG/L)
91-06-04	1040	L.01	L.001	L.002	.4	7.0	13.2
91-06-04	1045	L.01	L.001	L.002	.4	7.0	13.4
91-10-23	1215	L.01	L.001	L.002	.9	6.9	12.9
91-10-23	1220	L.01	L.001	L.002	1.2	7.0	13.0
MAX		L.01	L.001	L.002	1.2	7.0	13.4
MIN		L.01	L.001	L.002	.4	6.9	12.9

DATE	TIME	16309L SO4 (MG/L)	07315L NO3 (MG/L)	80315L MERCURY (UG/L)	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	10110L GRAN ALK (MG/L)
91-06-04	1040	3.1	.02	L.02	20.	69.	8.3
91-06-04	1045	3.1	.02	L.02	20.	69.	8.4
91-10-23	1215	2.9	.06	L.02	30.	67.	10.3
91-10-23	1220	2.9	.01	L.02	35.	67.	10.4
MAX		3.1	.06	L.02	35.	69.	10.4
MIN		2.9	.01	L.02	20.	67.	8.3

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02ZG0005 MARYSTOWN WATER SUPPLY @ LINTON LAKE

DATE	TIME	33007L ARSENIC (MG/L)
91-06-04	1040	----
91-06-04	1045	----
91-10-23	1215	L.0005
91-10-23	1220	L.0005
MAX		L.0005
MIN		L.0005

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 00NF02YL1233 MCIVERS WATER SUPPLY AT FEEDER BROOK

DATE	TIME	17704L 2-6-DCP (UG/L)	17703L 2-5-DCP (UG/L)	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)	17705L 3-4-DCP (UG/L)
89-06-13	1530	L.03	L.02	L.02	L.04	L.03	L.04
89-06-13	1531	----	----	----	----	----	----
89-06-13	1532	L.03	L.02	L.02	L.04	L.03	L.04
89-06-13	1535	----	----	----	----	----	----
89-10-23	0900	----	----	----	----	----	----
89-10-23	0905	----	----	----	----	----	----
MAX		L.03	L.02	L.02	L.04	L.03	L.04
MIN		L.03	L.02	L.02	L.04	L.03	L.04

DATE	TIME	17713L 2-4-6TCP (UG/L)	17712L 2-3-6TCP (UG/L)	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)	17721L 2356 TECP (UG/L)
89-06-13	1530	L.03	L.01	L.01	L.02	L.02	L.005
89-06-13	1531	----	----	----	----	----	----
89-06-13	1532	L.03	L.01	L.01	L.02	L.02	L.005
89-06-13	1535	----	----	----	----	----	----
89-10-23	0900	----	----	----	----	----	----
89-10-23	0905	----	----	----	----	----	----
MAX		L.03	L.01	L.01	L.02	L.02	L.005
MIN		L.03	L.01	L.01	L.02	L.02	L.005

DATE	TIME	17720L 2345 TCP (UG/L)	17804L PCP (UG/L)	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)
89-06-13	1530	L.005	L.002	----	----	----	----
89-06-13	1531	----	----	10.	86.	.3	7.5
89-06-13	1532	L.005	L.002	----	----	----	----
89-06-13	1535	----	----	10.	86.	.3	7.5
89-10-23	0900	----	----	70.	68.	.4	6.8
89-10-23	0905	----	----	70.	70.	.4	6.9
MAX		L.005	L.002	70.	86.	.4	7.5
MIN		L.005	L.002	10.	68.	.3	6.8

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 00NF02YL1233 MCIVERS WATER SUPPLY AT FEEDER BROOK

DATE	TIME	10101L T ALK (MG/L)	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)
89-06-13	1530	——	——	——	——	——	——
89-06-13	1531	22.4	6.8	1.7	8.1	.38	13.0
89-06-13	1532	——	——	——	——	——	——
89-06-13	1535	22.0	6.8	1.6	8.0	.35	12.7
89-10-23	0900	11.7	5.0	1.5	6.1	.30	9.3
89-10-23	0905	11.2	5.2	1.3	6.0	.29	9.5
MAX		22.4	6.8	1.7	8.1	.38	13.0
MIN		11.2	5.0	1.3	6.0	.29	9.3

DATE	TIME	16304L SO4 (MG/L)	16309L SO4 (MG/L)	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14102L Si (MG/L)	09105L FLUORIDE (MG/L)
89-06-13	1530	——	——	——	——	——	——
89-06-13	1531	3.9	3.5	.06	4.3	1.4	L.05
89-06-13	1532	——	——	——	——	——	——
89-06-13	1535	3.7	3.2	.05	4.3	1.4	L.05
89-10-23	0900	4.6	3.8	L.01	7.8	2.2	L.05
89-10-23	0905	**TC**	3.8	L.01	7.6	2.2	L.05
MAX		4.6	3.8	.06	7.8	2.2	L.05
MIN		3.7	3.2	L.01	4.3	1.4	L.05

DATE	TIME	13305L Al (MG/L)	25304L Mn (MG/L)	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)
89-06-13	1530	——	——	——	——	——	——
89-06-13	1531	.026	L.01	.08	L.002	L.002	L.01
89-06-13	1532	——	——	——	——	——	——
89-06-13	1535	.027	L.01	.07	L.002	L.002	L.01
89-10-23	0900	.089	L.010	.20	L.002	L.002	L.01
89-10-23	0905	.090	L.010	.19	L.002	L.002	L.01
MAX		.090	L.010	.20	L.002	L.002	L.01
MIN		.026	L.010	.07	L.002	L.002	L.01

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 00NF02YL1233 MCIVERS WATER SUPPLY AT FEEDER BROOK

DATE	TIME	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	24004L Cr (MG/L)	16313L SO4 (MG/L)
89-06-13	1530	——	——	——	——	——	——
89-06-13	1531	L.0005	L.001	L.02	L.002	——	——
89-06-13	1532	——	——	——	——	——	——
89-06-13	1535	L.0005	L.001	L.02	L.002	——	——
89-10-23	0900	L.0005	L.001	L.02	L.002	.0002	4.78
89-10-23	0905	L.0005	L.001	L.02	L.002	.0002	4.43
MAX		L.0005	L.001	L.02	L.002	.0002	4.78
MIN		L.0005	L.001	L.02	L.002	.0002	4.43

DATE	TIME	14109L SiO2 (MG/L)
89-06-13	1530	——
89-06-13	1531	——
89-06-13	1532	——
89-06-13	1535	——
89-10-23	0900	2.22
89-10-23	0905	2.22
MAX		2.22
MIN		2.22

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02ZE0024 MILLTOWN-HEAD OF BAY D'ESPOIR WATER SUPPLY

DATE	TIME	17704L 2-6-DCP (UG/L)	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)	17705L 3-4-DCP (UG/L)	17713L 2-4-6TCP (UG/L)
91-05-22	1025	L.03	L.02	L.04	L.03	L.04	L.03
91-05-22	1026	----	----	----	----	----	----
91-05-22	1030	----	----	----	----	----	----
91-10-17	1340	L.03	L.02	L.04	L.03	L.04	L.03
91-10-17	1341	----	----	----	----	----	----
91-10-17	1350	L.03	L.02	L.04	L.03	L.04	L.03
91-10-17	1351	----	----	----	----	----	----
MAX		L.03	L.02	L.04	L.03	L.04	L.03
MIN		L.03	L.02	L.04	L.03	L.04	L.03

DATE	TIME	17712L 2-3-6TCP (UG/L)	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)	17721L 2356 TECP (UG/L)	17720L 2345 TCP (UG/L)
91-05-22	1025	L.01	L.01	L.02	L.02	L.005	L.005
91-05-22	1026	----	----	----	----	----	----
91-05-22	1030	----	----	----	----	----	----
91-10-17	1340	L.01	L.01	L.02	L.02	L.005	L.005
91-10-17	1341	----	----	----	----	----	----
91-10-17	1350	L.01	L.01	L.02	L.02	L.005	L.005
91-10-17	1351	----	----	----	----	----	----
MAX		L.01	L.01	L.02	L.02	L.005	L.005
MIN		L.01	L.01	L.02	L.02	L.005	L.005

DATE	TIME	17804L PCP (UG/L)	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)
91-05-22	1025	L.002	----	----	----	----	----
91-05-22	1026	----	2.4	.88	2.0	.33	2.7
91-05-22	1030	----	2.4	.88	2.1	.33	2.7
91-10-17	1340	L.002	----	----	----	----	----
91-10-17	1341	----	3.7	1.3	2.4	.30	3.7
91-10-17	1350	L.002	----	----	----	----	----
91-10-17	1351	----	3.7	1.3	2.4	.32	3.9
MAX		L.002	3.7	1.3	2.4	.33	3.9
MIN		L.002	2.4	.88	2.0	.30	2.7

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02ZE0024 MILLTOWN-HEAD OF BAY D'ESPOIR WATER SUPPLY

DATE	TIME	16309L SO4 (MG/L)	07315L NO3 (MG/L)	06107L DOC (MG/L)	09105L FLUORIDE (MG/L)	13305L Al (MG/L)	24004L Cr (MG/L)
91-05-22	1025	——	——	——	——	——	——
91-05-22	1026	2.8	.06	4.0	L.05	.065	L.0002
91-05-22	1030	2.9	.06	4.0	L.05	.066	L.0002
91-10-17	1340	——	——	——	——	——	——
91-10-17	1341	3.3	.06	8.3	L.05	.091	.0002
91-10-17	1350	——	——	——	——	——	——
91-10-17	1351	3.2	.03	8.8	L.05	.089	.0002
MAX		3.3	.06	8.8	L.05	.091	.0002
MIN		2.8	.03	4.0	L.05	.065	L.0002

DATE	TIME	25304L Mn (MG/L)	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)	48302L CADMIUM (MG/L)
91-05-22	1025	——	——	——	——	——	——
91-05-22	1026	.030	.290	L.002	L.002	L.01	L.001
91-05-22	1030	.030	.300	L.002	L.002	L.01	L.001
91-10-17	1340	——	——	——	——	——	——
91-10-17	1341	.080	.620	.006	L.002	L.01	L.001
91-10-17	1350	——	——	——	——	——	——
91-10-17	1351	.070	.630	.004	L.002	L.01	L.001
MAX		.080	.630	.006	L.002	L.01	L.001
MIN		.030	.290	L.002	L.002	L.01	L.001

DATE	TIME	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)
91-05-22	1025	——	——	——	——	——	——
91-05-22	1026	L.02	L.002	45.	30.	.5	6.6
91-05-22	1030	L.02	L.002	45.	30.	.6	6.6
91-10-17	1340	——	——	——	——	——	——
91-10-17	1341	L.02	L.002	70.	39.	.8	6.6
91-10-17	1350	——	——	——	——	——	——
91-10-17	1351	L.02	L.002	75.	38.	.8	6.9
MAX		L.02	L.002	75.	39.	.8	6.9
MIN		L.02	L.002	45.	30.	.5	6.6

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02ZE0024 MILLTOWN-HEAD OF BAY D'ESPOIR WATER SUPPLY

DATE	TIME	10110L GRAN ALK (MG/L)	33007L ARSENIC (MG/L)
91-05-22	1025	----	----
91-05-22	1026	6.3	----
91-05-22	1030	6.4	----
91-10-17	1340	----	----
91-10-17	1341	8.0	.0008
91-10-17	1350	----	----
91-10-17	1351	8.0	.0008
MAX		8.0	.0008
MIN		6.3	.0008

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 04NF02YD0116 NORTHERN ARM WATER SUPPLY

DATE	TIME	10101L T ALK (MG/L)	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)
90-06-08	1201	9.1	3.8	.66	2.2	.26	2.9
90-06-08	1205	8.9	3.8	.66	2.2	.26	2.9
90-10-07	1015	11.9	5.2	.84	2.6	.30	3.5
90-10-07	1020	12.	5.2	.85	2.6	.29	3.6
MAX		12.	5.2	.85	2.6	.30	3.6
MIN		8.9	3.8	.66	2.2	.26	2.9

DATE	TIME	16313L SO4 (MG/L)	16309L SO4 (MG/L)	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14109L SiO2 (MG/L)	09105L FLUORIDE (MG/L)
90-06-08	1201	2.02	1.8	L.01	4.7	2.7	L.05
90-06-08	1205	2.24	1.8	L.01	4.9	2.7	L.05
90-10-07	1015	3.2	2.9	.03	7.0	3.9	L.05
90-10-07	1020	3.3	3.0	.03	7.2	3.9	L.05
MAX		3.3	3.0	.03	7.2	3.9	L.05
MIN		2.02	1.8	L.01	4.7	2.7	L.05

DATE	TIME	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)
90-06-08	1201	.043	.0003	.01	.070	L.002	L.002
90-06-08	1205	.060	.0003	.01	.080	L.002	L.002
90-10-07	1015	.090	.0005	.020	.09	L.002	L.002
90-10-07	1020	.087	.0004	.020	.10	L.002	L.002
MAX		.090	.0005	.020	.10	L.002	L.002
MIN		.043	.0003	.01	.070	L.002	L.002

DATE	TIME	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	10301L pH (UNITS)
90-06-08	1201	L.01	L.0005	L.001	L.02	L.002	7.0
90-06-08	1205	L.01	L.0005	L.001	L.02	L.002	7.0
90-10-07	1015	L.01	L.0005	L.001	L.02	L.002	7.0
90-10-07	1020	L.01	L.0005	L.001	L.02	L.002	7.0
MAX		L.01	L.0005	L.001	L.02	L.002	7.0
MIN		L.01	L.0005	L.001	L.02	L.002	7.0

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 04NF02YD0116 NORTHERN ARM WATER SUPPLY

DATE	TIME	02073L TURB (JTU)	02041L SP COND (USIE/CM)	02011L COLOR (UNITS)	07315L NO3 (MG/L)
90-06-08	1201	.4	36.8	10.	----
90-06-08	1205	.5	36.8	10.	----
90-10-07	1015	.5	49.	30.	.06
90-10-07	1020	.5	49.	30.	.06
MAX		.5	49.	30.	.06
MIN		.4	36.8	10.	.06

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 04NF02ZL0031 OLD PERLICAN WATER SUPPLY AT BELL POND

DATE	TIME	10110L GRAN ALK (MG/L)	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)
90-06-05	1201	.5	.57	.61	6.9	.36	12.0
90-06-05	1205	.2	.57	.63	7.1	.36	12.6
90-11-14	1210	.7	.46	.60	6.6	.25	10.6
90-11-14	1215	.6	.46	.60	6.5	.25	10.3
MAX		.7	.57	.63	7.1	.36	12.6
MIN		.2	.46	.60	6.5	.25	10.3

DATE	TIME	16313L SO4 (MG/L)	16309L SO4 (MG/L)	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14109L SiO2 (MG/L)	09105L FLUORIDE (MG/L)
90-06-05	1201	2.39	2.0	L.01	2.4	1.5	L.05
90-06-05	1205	2.62	2.1	L.01	2.6	1.5	L.05
90-11-14	1210	3.0	2.6	.03	4.3	2.0	L.05
90-11-14	1215	2.8	2.5	.03	4.3	2.0	L.05
MAX		3.0	2.6	.03	4.3	2.0	L.05
MIN		2.39	2.0	L.01	2.4	1.5	L.05

DATE	TIME	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)
90-06-05	1201	.096	L.0002	.02	.09	L.002	L.002
90-06-05	1205	.096	.0003	.02	.10	L.002	L.002
90-11-14	1210	.13	L.0002	.02	.26	L.002	L.002
90-11-14	1215	.14	L.0002	.02	.25	L.002	L.002
MAX		.14	.0003	.02	.26	L.002	L.002
MIN		.096	L.0002	.02	.09	L.002	L.002

DATE	TIME	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	02011L COLOR (UNITS)
90-06-05	1201	L.01	L.0005	L.001	L.02	L.002	10.
90-06-05	1205	L.01	L.0005	L.001	L.02	L.002	5.
90-11-14	1210	L.01	L.0005	L.001	L.02	L.002	30.
90-11-14	1215	L.01	L.0005	L.001	L.02	L.002	30.
MAX		L.01	L.0005	L.001	L.02	L.002	30.
MIN		L.01	L.0005	L.001	L.02	L.002	5.

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 04NF02ZL0031 OLD PERLICAN WATER SUPPLY AT BELL POND

DATE	TIME	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	07315L NO3 (MG/L)
90-06-05	1201	50.9	.7	5.6	----
90-06-05	1205	50.8	.7	5.6	----
90-11-14	1210	46.	.8	5.7	.05
90-11-14	1215	46.	.8	5.6	L.05
MAX		50.9	.8	5.7	.05
MIN		46.	.7	5.6	L.05

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 00NF02YH0030 PASADENA WATER SUPPLY

DATE	TIME	10101L T ALK (MG/L)	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)
90-06-01	1201	16.2	5.9	.78	2.5	.23	3.1
90-06-01	1205	15.2	5.9	.76	2.5	.23	3.2
90-10-25	1400	18.1	7.3	.89	2.9	.31	4.0
90-10-25	1405	18.1	7.3	.91	2.9	.32	3.9
MAX		18.1	7.3	.91	2.9	.32	4.0
MIN		15.2	5.9	.76	2.5	.23	3.1

DATE	TIME	16313L SO4 (MG/L)	16309L SO4 (MG/L)	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14109L SiO2 (MG/L)	09105L FLUORIDE (MG/L)
90-06-01	1201	2.59	2.0	L.01	4.9	2.5	L.05
90-06-01	1205	2.62	2.0	L.01	4.6	2.5	L.05
90-10-25	1400	2.2	2.4	.03	5.2	2.0	L.05
90-10-25	1405	2.4	2.3	.03	5.5	2.0	L.05
MAX		2.62	2.4	.03	5.5	2.5	L.05
MIN		2.2	2.0	L.01	4.6	2.0	L.05

DATE	TIME	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)
90-06-01	1201	.049	L.0002	.01	.080	L.002	L.002
90-06-01	1205	.051	L.0002	.01	.070	L.002	L.002
90-10-25	1400	.028	.0003	L.010	.05	L.002	L.002
90-10-25	1405	.030	L.0002	L.010	.070	L.002	L.002
MAX		.051	.0003	.01	.080	L.002	L.002
MIN		.028	L.0002	L.010	.05	L.002	L.002

DATE	TIME	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	10301L pH (UNITS)
90-06-01	1201	L.01	L.0005	L.001	L.02	L.002	7.2
90-06-01	1205	L.01	L.0005	L.001	L.02	L.002	7.2
90-10-25	1400	L.01	L.0005	L.001	L.02	L.002	7.3
90-10-25	1405	L.01	L.0005	L.001	L.02	L.002	7.2
MAX		L.01	L.0005	L.001	L.02	L.002	7.3
MIN		L.01	L.0005	L.001	L.02	L.002	7.2

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 00NF02YH0030 PASADENA WATER SUPPLY

DATE	TIME	02073L TURB (JTU)	02041L SP COND (USIE/CM)	02011L COLOR (UNITS)	02061S TEMP (DEG.C.)	02065S TEMP (DEG.C.)	10301F pH (UNITS)
90-06-01	1201	.4	49.1	20.	----	----	----
90-06-01	1205	.4	50.0	20.	----	----	----
90-10-25	1400	.4	59.	25.	8.0	8.8	7.1
90-10-25	1405	.5	59.	25.	8.0	8.8	7.1
MAX		.5	59.	25.	8.0	8.8	7.1
MIN		.4	49.1	20.	8.0	8.8	7.1

DATE	TIME	02042S SP COND (USIE/CM)	08102S DO (MG/L)	07315L NO3 (MG/L)
90-06-01	1201	----	----	----
90-06-01	1205	----	----	----
90-10-25	1400	56.6	10.0	L.05
90-10-25	1405	56.6	10.0	L.05
MAX		56.6	10.0	L.05
MIN		56.6	10.0	L.05

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 00NF02YD0119 PHILLIPS HEAD MUNICIPAL WATER SUPPLY SOURCE

DATE	TIME	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)	16309L SO4 (MG/L)
91-05-29	1415	5.0	.85	2.3	.22	2.0	1.4
91-05-29	1420	5.0	.85	2.3	.23	2.1	1.4
91-10-22	1450	6.8	3.9	2.7	.21	3.0	1.2
91-10-22	1500	6.8	3.9	2.8	.21	2.9	1.1
MAX		6.8	3.9	2.8	.23	3.0	1.4
MIN		5.0	.85	2.3	.21	2.0	1.1

DATE	TIME	07315L NO3 (MG/L)	06107L DOC (MG/L)	09105L FLUORIDE (MG/L)	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)
91-05-29	1415	.04	6.2	L.05	.12	.0006	.010
91-05-29	1420	.04	6.0	L.05	.12	.0007	.020
91-10-22	1450	.04	6.2	L.05	.11	.0007	L.010
91-10-22	1500	.04	6.5	L.05	.11	.0006	L.010
MAX		.04	6.5	L.05	.12	.0007	.020
MIN		.04	6.0	L.05	.11	.0006	L.010

DATE	TIME	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)
91-05-29	1415	.080	L.002	L.002	L.01	L.001	L.02
91-05-29	1420	.060	L.002	L.002	L.01	L.001	L.02
91-10-22	1450	.100	L.002	L.002	L.01	L.001	L.02
91-10-22	1500	.090	L.002	L.002	L.01	L.001	L.02
MAX		.100	L.002	L.002	L.01	L.001	L.02
MIN		.060	L.002	L.002	L.01	L.001	L.02

DATE	TIME	82302L LEAD (MG/L)	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	10110L GRAN ALK (MG/L)
91-05-29	1415	L.002	40.	41.	.3	7.2	15.4
91-05-29	1420	L.002	40.	41.	.4	7.1	15.3
91-10-22	1450	L.002	45.	51.	.6	7.5	19.4
91-10-22	1500	L.002	40.	52.	.6	7.2	18.6
MAX		L.002	45.	52.	.6	7.5	19.4
MIN		L.002	40.	41.	.3	7.1	15.3

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 00NF02YD0119 PHILLIPS HEAD MUNICIPAL WATER SUPPLY SOURCE

DATE	TIME	33007L ARSENIC (MG/L)
91-05-29	1415	----
91-05-29	1420	----
91-10-22	1450	.0010
91-10-22	1500	.0010
MAX		.0010
MIN		.0010

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02ZK3020 PLACENTIA WATER SUPPLY SITE 1 PAGE 1

DATE	TIME	17704L 2-6-DCP (UG/L)	17703L 2-5-DCP (UG/L)	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)	17705L 3-4-DCP (UG/L)
89-06-14	1201	L.03	L.02	L.02	L.04	L.03	L.04
89-06-14	1205	L.03	L.02	L.02	L.04	L.03	L.04
89-07-17	1201	L.03	L.02	L.02	L.04	L.03	L.04
89-07-17	1205	L.03	L.02	L.02	L.04	L.03	L.04
89-08-16	1201	L.03	L.02	L.02	L.04	L.03	L.04
89-08-16	1205	L.03	L.02	L.02	L.04	L.03	L.04
89-09-12	1201	L.03	L.02	L.02	L.04	L.03	L.04
89-09-12	1205	L.03	L.02	L.02	L.04	L.03	L.04
89-10-24	1500	L.03	L.02	L.02	L.04	L.03	L.04
89-10-24	1501	——	——	——	——	——	——
89-10-24	1505	L.03	L.02	L.02	L.04	L.03	L.04
89-10-24	1506	——	——	——	——	——	——
89-11-28	1201	L.03	L.02	L.02	L.04	L.03	L.04
89-11-28	1205	L.03	L.02	L.02	L.04	L.03	L.04
90-06-06	1201	L.008	**IN**	L.008	L.012	L.010	L.010
90-06-06	1205	L.008	**IN**	L.008	L.012	L.010	L.010
90-07-16	1201	L.03	**TC**	L.02	L.04	L.03	L.04
90-07-16	1202	L.03	**TC**	L.02	L.04	L.03	L.04
90-08-15	1201	L.03	**TC**	L.02	L.04	L.03	L.04
90-08-15	1205	L.03	**TC**	L.02	L.04	L.03	L.04
90-09-13	1201	L.03	**TC**	L.02	L.04	L.03	L.04
90-09-13	1205	L.03	**TC**	L.02	L.04	L.03	L.04
90-10-16	1201	L.03	**TC**	L.02	L.04	L.03	L.04
90-10-16	1205	L.03	**TC**	L.02	L.04	L.03	L.04
90-11-27	1201	L.03	**TC**	L.02	L.04	L.03	L.04
90-11-27	1205	L.03	**TC**	L.02	L.04	L.03	L.04
MAX		L.03	L.02	L.02	L.04	L.03	L.04
MIN		L.03	L.02	L.02	L.04	L.03	L.04

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02ZK3020 PLACENTIA WATER SUPPLY SITE 1

DATE	TIME	17713L 2-4-6TCP (UG/L)	17712L 2-3-6TCP (UG/L)	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)	17721L 2356 TECP (UG/L)
89-06-14	1201	L.03	L.01	L.01	L.02	L.02	L.005
89-06-14	1205	L.03	L.01	L.01	L.02	L.02	L.005
89-07-17	1201	L.03	L.01	L.01	L.02	L.02	L.005
89-07-17	1205	L.03	L.01	L.01	L.02	L.02	L.005
89-08-16	1201	L.03	L.01	L.01	L.02	L.02	L.005
89-08-16	1205	L.03	L.01	L.01	L.02	L.02	L.005
89-09-12	1201	L.03	L.01	L.01	L.02	L.02	L.005
89-09-12	1205	L.03	L.01	L.01	L.02	L.02	L.005
89-10-24	1500	L.03	L.01	L.01	L.02	L.02	L.005
89-10-24	1501	----	----	----	----	----	----
89-10-24	1505	L.03	L.01	L.01	L.02	L.02	L.005
89-10-24	1506	----	----	----	----	----	----
89-11-28	1201	L.03	L.01	L.01	L.02	L.02	L.005
89-11-28	1205	L.03	L.01	L.01	L.02	L.02	L.005
90-06-06	1201	L.015	L.010	L.017	L.012	L.011	L.017
90-06-06	1205	L.015	L.010	L.017	L.012	L.011	L.017
90-07-16	1201	L.03	L.01	L.01	L.02	L.02	L.005
90-07-16	1202	L.03	L.01	L.01	L.02	L.02	L.005
90-08-15	1201	L.03	L.01	L.01	L.02	L.02	L.005
90-08-15	1205	L.03	L.01	L.01	L.02	L.02	L.005
90-09-13	1201	L.03	L.01	L.01	L.02	L.02	L.005
90-09-13	1205	L.03	L.01	L.01	L.02	L.02	L.005
90-10-16	1201	L.03	L.01	L.01	L.02	L.02	L.005
90-10-16	1205	L.03	L.01	L.01	L.02	L.02	L.005
90-11-27	1201	L.03	L.01	L.01	L.02	L.02	L.005
90-11-27	1205	L.03	L.01	L.01	L.02	L.02	L.005
MAX		L.03	L.01	L.01	L.02	L.02	L.005
MIN		L.03	L.01	L.01	L.02	L.02	L.005

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02ZK3020 PLACENTIA WATER SUPPLY SITE 1

DATE	TIME	17720L 2345 TCP (UG/L)	17804L PCP (UG/L)	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)
89-06-14	1201	L.005	L.002	——	——	——	——
89-06-14	1205	L.005	L.002	——	——	——	——
89-07-17	1201	L.005	L.002	——	——	——	——
89-07-17	1205	L.005	L.002	——	——	——	——
89-08-16	1201	L.005	L.002	——	——	——	——
89-08-16	1205	L.005	L.002	——	——	——	——
89-09-12	1201	L.005	.003	——	——	——	——
89-09-12	1205	L.005	L.002	——	——	——	——
89-10-24	1500	L.005	L.002	——	——	——	——
89-10-24	1501	——	——	10.	121.	.3	6.9
89-10-24	1505	L.005	L.002	——	——	——	——
89-10-24	1506	——	——	10.	121.	.5	6.9
89-11-28	1201	L.005	.005	——	——	——	——
89-11-28	1205	L.005	.012	——	——	——	——
90-06-06	1201	L.028	L.030	——	——	——	——
90-06-06	1205	L.028	L.030	——	——	——	——
90-07-16	1201	L.005	.013	——	——	——	——
90-07-16	1202	L.005	.007	——	——	——	——
90-08-15	1201	L.005	.011	——	——	——	——
90-08-15	1205	L.005	.021	——	——	——	——
90-09-13	1201	L.005	.003	——	——	——	——
90-09-13	1205	L.005	.002	——	——	——	——
90-10-16	1201	L.005	.005	——	——	——	——
90-10-16	1205	L.005	.006	——	——	——	——
90-11-27	1201	L.005	.003	——	——	——	——
90-11-27	1205	L.005	.003	——	——	——	——
MAX		L.005	.021	10.	121.	.5	6.9
MIN		L.005	L.030	10.	121.	.3	6.9

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02ZK3020 PLACENTIA WATER SUPPLY SITE 1

DATE	TIME	10101L T ALK (MG/L)	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)
89-06-14	1201	——	——	——	——	——	——
89-06-14	1205	——	——	——	——	——	——
89-07-17	1201	——	——	——	——	——	——
89-07-17	1205	——	——	——	——	——	——
89-08-16	1201	——	——	——	——	——	——
89-08-16	1205	——	——	——	——	——	——
89-09-12	1201	——	——	——	——	——	——
89-09-12	1205	——	——	——	——	——	——
89-10-24	1500	——	——	——	——	——	——
89-10-24	1501	12.7	6.0	1.5	13.3	.33	24.
89-10-24	1505	——	——	——	——	——	——
89-10-24	1506	11.7	5.8	1.5	14.8	.39	24.
89-11-28	1201	——	——	——	——	——	——
89-11-28	1205	——	——	——	——	——	——
90-06-06	1201	——	——	——	——	——	——
90-06-06	1205	——	——	——	——	——	——
90-07-16	1201	——	——	——	——	——	——
90-07-16	1202	——	——	——	——	——	——
90-08-15	1201	——	——	——	——	——	——
90-08-15	1205	——	——	——	——	——	——
90-09-13	1201	——	——	——	——	——	——
90-09-13	1205	——	——	——	——	——	——
90-10-16	1201	——	——	——	——	——	——
90-10-16	1205	——	——	——	——	——	——
90-11-27	1201	——	——	——	——	——	——
90-11-27	1205	——	——	——	——	——	——
MAX		12.7	6.0	1.5	14.8	.39	24.
MIN		11.7	5.8	1.5	13.3	.33	24.

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02ZK3020 PLACENTIA WATER SUPPLY SITE 1

DATE	TIME	16304L SO4 (MG/L)	16309L SO4 (MG/L)	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14102L Si (MG/L)	09105L FLUORIDE (MG/L)
89-06-14	1201	——	——	——	——	——	——
89-06-14	1205	——	——	——	——	——	——
89-07-17	1201	——	——	——	——	——	——
89-07-17	1205	——	——	——	——	——	——
89-08-16	1201	——	——	——	——	——	——
89-08-16	1205	——	——	——	——	——	——
89-09-12	1201	——	——	——	——	——	——
89-09-12	1205	——	——	——	——	——	——
89-10-24	1500	——	——	——	——	——	——
89-10-24	1501	**TC**	4.1	L.01	3.8	1.5	L.05
89-10-24	1505	——	——	——	——	——	——
89-10-24	1506	**TC**	4.1	L.01	3.9	1.5	L.05
89-11-28	1201	——	——	——	——	——	——
89-11-28	1205	——	——	——	——	——	——
90-06-06	1201	——	——	——	——	——	——
90-06-06	1205	——	——	——	——	——	——
90-07-16	1201	——	——	——	——	——	——
90-07-16	1202	——	——	——	——	——	——
90-08-15	1201	——	——	——	——	——	——
90-08-15	1205	——	——	——	——	——	——
90-09-13	1201	——	——	——	——	——	——
90-09-13	1205	——	——	——	——	——	——
90-10-16	1201	——	——	——	——	——	——
90-10-16	1205	——	——	——	——	——	——
90-11-27	1201	——	——	——	——	——	——
90-11-27	1205	——	——	——	——	——	——
MAX		——	4.1	L.01	3.9	1.5	L.05
MIN		——	4.1	L.01	3.8	1.5	L.05

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02ZK3020 PLACENTIA WATER SUPPLY SITE 1

DATE	TIME	13305L Al (MG/L)	25304L Mn (MG/L)	26305L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)
89-06-14	1201	——	——	——	——	——	——
89-06-14	1205	——	——	——	——	——	——
89-07-17	1201	——	——	——	——	——	——
89-07-17	1205	——	——	——	——	——	——
89-08-16	1201	——	——	——	——	——	——
89-08-16	1205	——	——	——	——	——	——
89-09-12	1201	——	——	——	——	——	——
89-09-12	1205	——	——	——	——	——	——
89-10-24	1500	——	——	——	——	——	——
89-10-24	1501	.017	L.010	.05	L.002	L.002	L.01
89-10-24	1505	——	——	——	——	——	——
89-10-24	1506	.017	L.010	.032	L.002	.002	L.01
89-11-28	1201	——	——	——	——	——	——
89-11-28	1205	——	——	——	——	——	——
90-06-06	1201	——	——	——	——	——	——
90-06-06	1205	——	——	——	——	——	——
90-07-16	1201	——	——	——	——	——	——
90-07-16	1202	——	——	——	——	——	——
90-08-15	1201	——	——	——	——	——	——
90-08-15	1205	——	——	——	——	——	——
90-09-13	1201	——	——	——	——	——	——
90-09-13	1205	——	——	——	——	——	——
90-10-16	1201	——	——	——	——	——	——
90-10-16	1205	——	——	——	——	——	——
90-11-27	1201	——	——	——	——	——	——
90-11-27	1205	——	——	——	——	——	——
MAX		.017	L.010	.05	L.002	.002	L.01
MIN		.017	L.010	.032	L.002	L.002	L.01

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02ZK3020 PLACENTIA WATER SUPPLY SITE 1

DATE	TIME	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	24004L Cr (MG/L)	16313L SO4 (MG/L)
89-06-14	1201	——	——	——	——	——	——
89-06-14	1205	——	——	——	——	——	——
89-07-17	1201	——	——	——	——	——	——
89-07-17	1205	——	——	——	——	——	——
89-08-16	1201	——	——	——	——	——	——
89-08-16	1205	——	——	——	——	——	——
89-09-12	1201	——	——	——	——	——	——
89-09-12	1205	——	——	——	——	——	——
89-10-24	1500	——	——	——	——	——	——
89-10-24	1501	L.0005	L.001	L.02	L.002	.0002	4.33
89-10-24	1505	——	——	——	——	——	——
89-10-24	1506	L.0005	L.001	L.02	L.002	.0002	4.23
89-11-28	1201	——	——	——	——	——	——
89-11-28	1205	——	——	——	——	——	——
90-06-06	1201	——	——	——	——	——	——
90-06-06	1205	——	——	——	——	——	——
90-07-16	1201	——	——	——	——	——	——
90-07-16	1202	——	——	——	——	——	——
90-08-15	1201	——	——	——	——	——	——
90-08-15	1205	——	——	——	——	——	——
90-09-13	1201	——	——	——	——	——	——
90-09-13	1205	——	——	——	——	——	——
90-10-16	1201	——	——	——	——	——	——
90-10-16	1205	——	——	——	——	——	——
90-11-27	1201	——	——	——	——	——	——
90-11-27	1205	——	——	——	——	——	——
MAX		L.0005	L.001	L.02	L.002	.0002	4.33
MIN		L.0005	L.001	L.02	L.002	.0002	4.23

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02ZK3020 PLACENTIA WATER SUPPLY SITE 1

DATE	TIME	14109L SiO2 (MG/L)
89-06-14	1201	----
89-06-14	1205	----
89-07-17	1201	----
89-07-17	1205	----
89-08-16	1201	----
89-08-16	1205	----
89-09-12	1201	----
89-09-12	1205	----
89-10-24	1500	----
89-10-24	1501	1.66
89-10-24	1505	----
89-10-24	1506	1.54
89-11-28	1201	----
89-11-28	1205	----
90-06-06	1201	----
90-06-06	1205	----
90-07-16	1201	----
90-07-16	1202	----
90-08-15	1201	----
90-08-15	1205	----
90-09-13	1201	----
90-09-13	1205	----
90-10-16	1201	----
90-10-16	1205	----
90-11-27	1201	----
90-11-27	1205	----
MAX		1.66
MIN		1.54

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02ZK3021 PLACENTIA WATER SUPPLY @ LARKINS PD SITE 2

DATE	TIME	17704L 2-6-DCP (UG/L)	17703L 2-5-DCP (UG/L)	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)	17705L 3-4-DCP (UG/L)
89-06-14	1202	L.03	L.02	L.02	L.04	L.03	L.04
89-06-14	1206	L.03	L.02	L.02	L.04	L.03	L.04
89-06-14	1211	----	----	----	----	----	----
89-06-14	1212	----	----	----	----	----	----
89-07-17	1202	L.03	L.02	L.02	L.04	L.03	L.04
89-07-17	1206	L.03	L.02	L.02	L.04	L.03	L.04
89-08-16	1201	L.03	L.02	L.02	L.04	L.03	L.04
89-08-16	1205	L.03	L.02	L.02	L.04	L.03	L.04
89-09-12	1201	L.03	L.02	L.02	L.04	L.03	L.04
89-09-12	1205	L.03	L.02	L.02	L.04	L.03	L.04
89-10-24	1510	L.03	L.02	L.02	L.04	L.03	L.04
89-10-24	1515	L.03	L.02	L.02	L.04	L.03	L.04
89-11-28	1201	L.03	L.02	L.02	L.04	L.03	L.04
89-11-28	1205	L.03	L.02	L.02	L.04	L.03	L.04
90-06-06	1201	L.008	**IN**	L.008	L.012	L.010	L.010
90-06-06	1205	L.008	**IN**	L.008	L.012	L.010	L.010
90-07-16	1201	L.03	**TC**	L.02	L.04	L.03	L.04
90-07-16	1202	L.03	**TC**	L.02	L.04	L.03	L.04
90-08-15	1201	L.03	**TC**	L.02	L.04	L.03	L.04
90-08-15	1205	L.03	**TC**	L.02	L.04	L.03	L.04
90-09-13	1201	L.03	**TC**	L.02	L.04	L.03	L.04
90-09-13	1205	L.03	**TC**	L.02	L.04	L.03	L.04
90-10-16	1201	L.03	**TC**	L.02	L.04	L.03	L.04
90-10-16	1205	L.03	**TC**	L.02	L.04	L.03	L.04
90-11-27	1201	L.03	**TC**	L.02	L.04	L.03	L.04
90-11-27	1205	L.03	**TC**	L.02	L.04	L.03	L.04
MAX		L.03	L.02	L.02	L.04	L.03	L.04
MIN		L.03	L.02	L.02	L.04	L.03	L.04

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02ZK3021 PLACENTIA WATER SUPPLY @ LARKINS PD SITE 2

DATE	TIME	17713L 2-4-6TCP (UG/L)	17712L 2-3-6TCP (UG/L)	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)	17721L 2356 TECP (UG/L)
89-06-14	1202	L.03	L.01	L.01	L.02	L.02	L.005
89-06-14	1206	L.03	L.01	L.01	L.02	L.02	L.005
89-06-14	1211	——	——	——	——	——	——
89-06-14	1212	——	——	——	——	——	——
89-07-17	1202	L.03	L.01	L.01	L.02	L.02	L.005
89-07-17	1206	L.03	L.01	L.01	L.02	L.02	L.005
89-08-16	1201	L.03	L.01	L.01	L.02	L.02	L.005
89-08-16	1205	L.03	L.01	L.01	L.02	L.02	L.005
89-09-12	1201	L.03	L.01	L.01	L.02	L.02	L.005
89-09-12	1205	L.03	L.01	L.01	L.02	L.02	L.005
89-10-24	1510	L.03	L.01	L.01	L.02	L.02	L.005
89-10-24	1515	L.03	L.01	L.01	L.02	L.02	L.005
89-11-28	1201	L.03	L.01	L.01	L.02	L.02	L.005
89-11-28	1205	L.03	L.01	L.01	L.02	L.02	L.005
90-06-06	1201	L.015	L.010	L.017	L.012	L.011	L.017
90-06-06	1205	L.015	L.010	L.017	L.012	L.011	L.017
90-07-16	1201	L.03	L.01	L.01	L.02	L.02	L.005
90-07-16	1202	L.03	L.01	L.01	L.02	L.02	L.005
90-08-15	1201	L.03	L.01	L.01	L.02	L.02	L.005
90-08-15	1205	L.03	L.01	L.01	L.02	L.02	L.005
90-09-13	1201	L.03	L.01	L.01	L.02	L.02	L.005
90-09-13	1205	L.03	L.01	L.01	L.02	L.02	L.005
90-10-16	1201	L.03	L.01	L.01	L.02	L.02	L.005
90-10-16	1205	L.03	L.01	L.01	L.02	L.02	L.005
90-11-27	1201	L.03	L.01	L.01	L.02	L.02	L.005
90-11-27	1205	L.03	L.01	L.01	L.02	L.02	L.005
MAX		L.03	L.01	L.01	L.02	L.02	L.005
MIN		L.03	L.01	L.01	L.02	L.02	L.005

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02ZK3021 PLACENTIA WATER SUPPLY @ LARKINS PD SITE 2

DATE	TIME	17720L 2345 TCP (UG/L)	17804L PCP (UG/L)	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)
89-06-14	1202	L.005	L.002	——	——	——	——
89-06-14	1206	L.005	L.002	——	——	——	——
89-06-14	1211	——	——	20.	118.	.3	7.0
89-06-14	1212	——	——	20.	118.	.3	7.0
89-07-17	1202	L.005	L.002	——	——	——	——
89-07-17	1206	L.005	L.002	——	——	——	——
89-08-16	1201	L.005	L.002	——	——	——	——
89-08-16	1205	L.005	L.002	——	——	——	——
89-09-12	1201	L.005	L.002	——	——	——	——
89-09-12	1205	L.005	L.002	——	——	——	——
89-10-24	1510	L.005	L.002	——	——	——	——
89-10-24	1515	L.005	L.002	——	——	——	——
89-11-28	1201	L.005	.002	——	——	——	——
89-11-28	1205	L.005	L.002	——	——	——	——
90-06-06	1201	L.028	L.030	——	——	——	——
90-06-06	1205	L.028	L.030	——	——	——	——
90-07-16	1201	L.005	L.002	——	——	——	——
90-07-16	1202	L.005	L.002	——	——	——	——
90-08-15	1201	L.005	L.002	——	——	——	——
90-08-15	1205	L.005	L.002	——	——	——	——
90-09-13	1201	L.005	L.002	——	——	——	——
90-09-13	1205	L.005	L.002	——	——	——	——
90-10-16	1201	L.005	L.002	——	——	——	——
90-10-16	1205	L.005	L.002	——	——	——	——
90-11-27	1201	L.005	.003	——	——	——	——
90-11-27	1205	L.005	.002	——	——	——	——
MAX		L.005	.003	20.	118.	.3	7.0
MIN		L.005	L.002	20.	118.	.3	7.0

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02ZK3021 PLACENTIA WATER SUPPLY @ LARKINS PD SITE 2

DATE	TIME	10101L T ALK (MG/L)	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)
89-06-14	1202	——	——	——	——	——	——
89-06-14	1206	——	——	——	——	——	——
89-06-14	1211	9.0	5.5	1.4	14.6	.31	29.3
89-06-14	1212	8.9	5.5	1.4	14.4	.33	28.0
89-07-17	1202	——	——	——	——	——	——
89-07-17	1206	——	——	——	——	——	——
89-08-16	1201	——	——	——	——	——	——
89-08-16	1205	——	——	——	——	——	——
89-09-12	1201	——	——	——	——	——	——
89-09-12	1205	——	——	——	——	——	——
89-10-24	1510	——	——	——	——	——	——
89-10-24	1515	——	——	——	——	——	——
89-11-28	1201	——	——	——	——	——	——
89-11-28	1205	——	——	——	——	——	——
90-06-06	1201	——	——	——	——	——	——
90-06-06	1205	——	——	——	——	——	——
90-07-16	1201	——	——	——	——	——	——
90-07-16	1202	——	——	——	——	——	——
90-08-15	1201	——	——	——	——	——	——
90-08-15	1205	——	——	——	——	——	——
90-09-13	1201	——	——	——	——	——	——
90-09-13	1205	——	——	——	——	——	——
90-10-16	1201	——	——	——	——	——	——
90-10-16	1205	——	——	——	——	——	——
90-11-27	1201	——	——	——	——	——	——
90-11-27	1205	——	——	——	——	——	——
MAX		9.0	5.5	1.4	14.6	.33	29.3
MIN		8.9	5.5	1.4	14.4	.31	28.0

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02ZK3021 PLACENTIA WATER SUPPLY @ LARKINS PD SITE 2

DATE	TIME	16304L SO4 (MG/L)	16309L SO4 (MG/L)	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14102L Si (MG/L)	09105L FLUORIDE (MG/L)
89-06-14	1202	----	----	----	----	----	----
89-06-14	1206	----	----	----	----	----	----
89-06-14	1211	4.8	3.7	.01	4.0	1.6	L.05
89-06-14	1212	4.8	3.7	.01	4.0	1.6	L.05
89-07-17	1202	----	----	----	----	----	----
89-07-17	1206	----	----	----	----	----	----
89-08-16	1201	----	----	----	----	----	----
89-08-16	1205	----	----	----	----	----	----
89-09-12	1201	----	----	----	----	----	----
89-09-12	1205	----	----	----	----	----	----
89-10-24	1510	----	----	----	----	----	----
89-10-24	1515	----	----	----	----	----	----
89-11-28	1201	----	----	----	----	----	----
89-11-28	1205	----	----	----	----	----	----
90-06-06	1201	----	----	----	----	----	----
90-06-06	1205	----	----	----	----	----	----
90-07-16	1201	----	----	----	----	----	----
90-07-16	1202	----	----	----	----	----	----
90-08-15	1201	----	----	----	----	----	----
90-08-15	1205	----	----	----	----	----	----
90-09-13	1201	----	----	----	----	----	----
90-09-13	1205	----	----	----	----	----	----
90-10-16	1201	----	----	----	----	----	----
90-10-16	1205	----	----	----	----	----	----
90-11-27	1201	----	----	----	----	----	----
90-11-27	1205	----	----	----	----	----	----
MAX		4.8	3.7	.01	4.0	1.6	L.05
MIN		4.8	3.7	.01	4.0	1.6	L.05

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02ZK3021 PLACENTIA WATER SUPPLY @ LARKINS PD SITE 2

DATE	TIME	13305L Al (MG/L)	25304L Mn (MG/L)	26305L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)
89-06-14	1202	----	----	----	----	----	----
89-06-14	1206	----	----	----	----	----	----
89-06-14	1211	.041	.01	.044	L.002	L.002	L.01
89-06-14	1212	.038	L.01	.034	L.002	L.002	L.01
89-07-17	1202	----	----	----	----	----	----
89-07-17	1206	----	----	----	----	----	----
89-08-16	1201	----	----	----	----	----	----
89-08-16	1205	----	----	----	----	----	----
89-09-12	1201	----	----	----	----	----	----
89-09-12	1205	----	----	----	----	----	----
89-10-24	1510	----	----	----	----	----	----
89-10-24	1515	----	----	----	----	----	----
89-11-28	1201	----	----	----	----	----	----
89-11-28	1205	----	----	----	----	----	----
90-06-06	1201	----	----	----	----	----	----
90-06-06	1205	----	----	----	----	----	----
90-07-16	1201	----	----	----	----	----	----
90-07-16	1202	----	----	----	----	----	----
90-08-15	1201	----	----	----	----	----	----
90-08-15	1205	----	----	----	----	----	----
90-09-13	1201	----	----	----	----	----	----
90-09-13	1205	----	----	----	----	----	----
90-10-16	1201	----	----	----	----	----	----
90-10-16	1205	----	----	----	----	----	----
90-11-27	1201	----	----	----	----	----	----
90-11-27	1205	----	----	----	----	----	----
MAX		.041	.01	.044	L.002	L.002	L.01
MIN		.038	L.01	.034	L.002	L.002	L.01

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02ZK3021 PLACENTIA WATER SUPPLY @ LARKINS PD SITE 2

DATE	TIME	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)
89-06-14	1202	——	——	——	——
89-06-14	1206	——	——	——	——
89-06-14	1211	L.0005	L.001	L.02	L.002
89-06-14	1212	L.0005	L.001	L.02	L.002
89-07-17	1202	——	——	——	——
89-07-17	1206	——	——	——	——
89-08-16	1201	——	——	——	——
89-08-16	1205	——	——	——	——
89-09-12	1201	——	——	——	——
89-09-12	1205	——	——	——	——
89-10-24	1510	——	——	——	——
89-10-24	1515	——	——	——	——
89-11-28	1201	——	——	——	——
89-11-28	1205	——	——	——	——
90-06-06	1201	——	——	——	——
90-06-06	1205	——	——	——	——
90-07-16	1201	——	——	——	——
90-07-16	1202	——	——	——	——
90-08-15	1201	——	——	——	——
90-08-15	1205	——	——	——	——
90-09-13	1201	——	——	——	——
90-09-13	1205	——	——	——	——
90-10-16	1201	——	——	——	——
90-10-16	1205	——	——	——	——
90-11-27	1201	——	——	——	——
90-11-27	1205	——	——	——	——
MAX		L.0005	L.001	L.02	L.002
MIN		L.0005	L.001	L.02	L.002

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02ZK3022 PLACENTIA WATER SUPPLY @ LARKINS PD SITE 3

DATE	TIME	17704L 2-6-DCP (UG/L)	17703L 2-5-DCP (UG/L)	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)	17705L 3-4-DCP (UG/L)
89-06-14	1203	L.03	L.02	L.02	L.04	L.03	L.04
89-06-14	1207	L.03	L.02	L.02	L.04	L.03	L.04
89-07-17	1203	L.03	L.02	L.02	L.04	L.03	L.04
89-07-17	1207	L.03	L.02	L.02	L.04	L.03	L.04
89-08-16	1201	L.03	L.02	L.02	L.04	L.03	L.04
89-08-16	1205	L.03	L.02	L.02	L.04	L.03	L.04
89-09-12	1201	L.03	L.02	L.02	L.04	L.03	L.04
89-09-12	1205	L.03	L.02	L.02	L.04	L.03	L.04
89-10-24	1520	L.03	L.02	L.02	L.04	L.03	L.04
89-10-24	1525	L.03	L.02	L.02	L.04	L.03	L.04
89-11-28	1201	L.03	L.02	L.02	L.04	L.03	L.04
89-11-28	1205	L.03	L.02	L.02	L.04	L.03	L.04
90-06-06	1201	L.008	**IN**	L.008	L.012	L.010	L.010
90-06-06	1202	L.008	**IN**	L.008	L.012	L.010	L.010
90-07-16	1201	L.03	**TC**	L.02	L.04	L.03	L.04
90-07-16	1205	L.03	**TC**	L.02	L.04	L.03	L.04
90-08-15	1201	L.03	**TC**	L.02	L.04	L.03	L.04
90-08-15	1205	L.03	**TC**	L.02	L.04	L.03	L.04
90-09-13	1201	L.03	**TC**	L.02	L.04	L.03	L.04
90-09-13	1205	L.03	**TC**	L.02	L.04	L.03	L.04
90-10-16	1201	L.03	**TC**	L.02	L.04	L.03	L.04
90-10-16	1205	L.03	**TC**	L.02	L.04	L.03	L.04
90-11-27	1201	L.03	**TC**	L.02	L.04	L.03	L.04
90-11-27	1205	L.03	**TC**	L.02	L.04	L.03	L.04
MAX		L.03	L.02	L.02	L.04	L.03	L.04
MIN		L.03	L.02	L.02	L.04	L.03	L.04

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02ZK3022 PLACENTIA WATER SUPPLY @ LARKINS PD SITE 3

DATE	TIME	17713L 2-4-6TCP (UG/L)	17712L 2-3-6TCP (UG/L)	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)	17721L 2356 TECP (UG/L)
89-06-14	1203	L.03	L.01	L.01	L.02	L.02	L.005
89-06-14	1207	L.03	L.01	L.01	L.02	L.02	L.005
89-07-17	1203	L.03	L.01	L.01	L.02	L.02	L.005
89-07-17	1207	L.03	L.01	L.01	L.02	L.02	L.005
89-08-16	1201	L.03	L.01	L.01	L.02	L.02	L.005
89-08-16	1205	L.03	L.01	L.01	L.02	L.02	L.005
89-09-12	1201	L.03	L.01	L.01	L.02	L.02	L.005
89-09-12	1205	L.03	L.01	L.01	L.02	L.02	L.005
89-10-24	1520	L.03	L.01	L.01	L.02	L.02	L.005
89-10-24	1525	L.03	L.01	L.01	L.02	L.02	L.005
89-11-28	1201	L.03	L.01	L.01	L.02	L.02	L.005
89-11-28	1205	L.03	L.01	L.01	L.02	L.02	L.005
90-06-06	1201	L.015	L.010	L.017	L.012	L.011	L.017
90-06-06	1202	L.015	L.010	L.017	L.012	L.011	L.017
90-07-16	1201	L.03	L.01	L.01	L.02	L.02	L.005
90-07-16	1205	L.03	L.01	L.01	L.02	L.02	L.005
90-08-15	1201	L.03	L.01	L.01	L.02	L.02	L.005
90-08-15	1205	L.03	L.01	L.01	L.02	L.02	L.005
90-09-13	1201	L.03	L.01	L.01	L.02	L.02	L.005
90-09-13	1205	L.03	L.01	L.01	L.02	L.02	L.005
90-10-16	1201	L.03	L.01	L.01	L.02	L.02	L.005
90-10-16	1205	L.03	L.01	L.01	L.02	L.02	L.005
90-11-27	1201	L.03	L.01	L.01	L.02	L.02	L.005
90-11-27	1205	L.03	L.01	L.01	L.02	L.02	L.005
MAX		L.03	L.01	L.01	L.02	L.02	L.005
MIN		L.03	L.01	L.01	L.02	L.02	L.005

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02ZK3022 PLACENTIA WATER SUPPLY @ LARKINS PD SITE 3

DATE	TIME	17720L 2345 TCP (UG/L)	17804L PCP (UG/L)
89-06-14	1203	L.005	L.002
89-06-14	1207	L.005	L.002
89-07-17	1203	L.005	L.002
89-07-17	1207	L.005	L.002
89-08-16	1201	L.005	.002
89-08-16	1205	L.005	L.002
89-09-12	1201	L.005	L.002
89-09-12	1205	L.005	L.002
89-10-24	1520	L.005	L.002
89-10-24	1525	L.005	L.002
89-11-28	1201	L.005	.002
89-11-28	1205	L.005	.002
90-06-06	1201	L.028	L.030
90-06-06	1202	L.028	L.030
90-07-16	1201	L.005	L.002
90-07-16	1205	L.005	L.002
90-08-15	1201	L.005	L.002
90-08-15	1205	L.005	L.002
90-09-13	1201	L.005	L.002
90-09-13	1205	L.005	.003
90-10-16	1201	L.005	L.002
90-10-16	1205	L.005	L.002
90-11-27	1201	L.005	.003
90-11-27	1205	L.005	.003
MAX		L.005	.003
MIN		L.005	L.002

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02ZK3023 PLACENTIA WATER SUPPLY @ LARKINS PD SITE 4

DATE	TIME	17704L 2-6-DCP (UG/L)	17703L 2-5-DCP (UG/L)	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)	17705L 3-4-DCP (UG/L)
89-06-14	1204	L.03	L.02	L.02	L.04	L.03	L.04
89-06-14	1208	L.03	L.02	L.02	L.04	L.03	L.04
89-07-17	1204	L.03	L.02	L.02	L.04	L.03	L.04
89-07-17	1208	L.03	L.02	L.02	L.04	L.03	L.04
89-08-16	1201	L.03	L.02	L.02	L.04	L.03	L.04
89-08-16	1205	L.03	L.02	L.02	L.04	L.03	L.04
89-09-12	1201	L.03	L.02	L.02	L.04	L.03	L.04
89-09-12	1205	L.03	L.02	L.02	L.04	L.03	L.04
89-10-24	1535	L.03	L.02	L.02	L.04	L.03	L.04
89-10-24	1540	L.03	L.02	L.02	L.04	L.03	L.04
89-11-28	1201	L.03	L.02	L.02	L.04	L.03	L.04
89-11-28	1205	L.03	L.02	L.02	L.04	L.03	L.04
90-06-06	1201	L.008	**IN**	L.008	L.012	L.010	L.010
90-06-06	1205	L.008	**IN**	L.008	L.012	L.010	L.010
90-07-16	1201	L.03	**TC**	L.02	L.04	L.03	L.04
90-07-16	1205	L.03	**TC**	L.02	L.04	L.03	L.04
90-08-15	1201	L.03	**TC**	L.02	L.04	L.03	L.04
90-08-15	1205	L.03	**TC**	L.02	L.04	L.03	L.04
90-09-13	1201	L.03	**TC**	L.02	L.04	L.03	L.04
90-09-13	1205	L.03	**TC**	L.02	L.04	L.03	L.04
90-10-16	1201	L.03	**TC**	L.02	L.04	L.03	L.04
90-10-16	1205	L.03	**TC**	L.02	L.04	L.03	L.04
90-11-27	1201	L.03	**TC**	L.02	L.04	L.03	L.04
90-11-27	1205	L.03	**TC**	L.02	L.04	L.03	L.04
MAX		L.03	L.02	L.02	L.04	L.03	L.04
MIN		L.03	L.02	L.02	L.04	L.03	L.04

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02ZK3023 PLACENTIA WATER SUPPLY @ LARKINS PD SITE 4

DATE	TIME	17713L 2-4-6TCP (UG/L)	17712L 2-3-6TCP (UG/L)	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)	17721L 2356 TECP (UG/L)
89-06-14	1204	L.03	L.01	L.01	L.02	L.02	L.005
89-06-14	1208	L.03	L.01	L.01	L.02	L.02	L.005
89-07-17	1204	L.03	L.01	L.01	L.02	L.02	L.005
89-07-17	1208	L.03	L.01	L.01	L.02	L.02	L.005
89-08-16	1201	L.03	L.01	L.01	L.02	L.02	L.005
89-08-16	1205	L.03	L.01	L.01	L.02	L.02	L.005
89-09-12	1201	L.03	L.01	L.01	L.02	L.02	L.005
89-09-12	1205	L.03	L.01	L.01	L.02	L.02	L.005
89-10-24	1535	L.03	L.01	L.01	L.02	L.02	L.005
89-10-24	1540	L.03	L.01	L.01	L.02	L.02	L.005
89-11-28	1201	L.03	L.01	L.01	L.02	L.02	L.005
89-11-28	1205	L.03	L.01	L.01	L.02	L.02	L.005
90-06-06	1201	L.015	L.010	L.017	L.012	L.011	L.017
90-06-06	1205	L.015	L.010	L.017	L.012	L.011	L.017
90-07-16	1201	L.03	L.01	L.01	L.02	L.02	L.005
90-07-16	1205	L.03	L.01	L.01	L.02	L.02	L.005
90-08-15	1201	L.03	L.01	L.01	L.02	L.02	L.005
90-08-15	1205	L.03	L.01	L.01	L.02	L.02	L.005
90-09-13	1201	L.03	L.01	L.01	L.02	L.02	L.005
90-09-13	1205	L.03	L.01	L.01	L.02	L.02	L.005
90-10-16	1201	L.03	L.01	L.01	L.02	L.02	L.005
90-10-16	1205	L.03	L.01	L.01	L.02	L.02	L.005
90-11-27	1201	L.03	L.01	L.01	L.02	L.02	L.005
90-11-27	1205	L.03	L.01	L.01	L.02	L.02	L.005
MAX		L.03	L.01	L.01	L.02	L.02	L.005
MIN		L.03	L.01	L.01	L.02	L.02	L.005

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02ZK3023 PLACENTIA WATER SUPPLY @ LARKINS PD SITE 4

DATE	TIME	17720L 2345 TCP (UG/L)	17804L PCP (UG/L)
89-06-14	1204	L.005	L.002
89-06-14	1208	L.005	L.002
89-07-17	1204	L.005	L.002
89-07-17	1208	L.005	L.002
89-08-16	1201	L.005	.002
89-08-16	1205	L.005	L.002
89-09-12	1201	L.005	L.002
89-09-12	1205	L.005	L.002
89-10-24	1535	L.005	L.002
89-10-24	1540	L.005	L.002
89-11-28	1201	L.005	L.002
89-11-28	1205	L.005	.002
90-06-06	1201	L.028	L.030
90-06-06	1205	L.028	L.030
90-07-16	1201	L.005	L.002
90-07-16	1205	L.005	L.002
90-08-15	1201	L.005	.006
90-08-15	1205	L.005	.007
90-09-13	1201	L.005	L.002
90-09-13	1205	L.005	L.002
90-10-16	1201	L.005	.013
90-10-16	1205	L.005	.012
90-11-27	1201	L.005	.002
90-11-27	1205	L.005	.002
MAX		L.005	.013
MIN		L.005	L.002

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02ZK3024 PLACENTIA WATER SUPPLY @ LARKINS PD SITE 5

DATE	TIME	17704L 2-6-DCP (UG/L)	17703L 2-5-DCP (UG/L)	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)	17705L 3-4-DCP (UG/L)
89-06-14	1209	L.03	L.02	L.02	L.04	L.03	L.04
89-06-14	1210	L.03	L.02	L.02	L.04	L.03	L.04
89-07-17	1209	L.03	L.02	L.02	L.04	L.03	L.04
89-07-17	1210	L.03	L.02	L.02	L.04	L.03	L.04
89-08-16	1201	L.03	L.02	L.02	L.04	L.03	L.04
89-08-16	1205	L.03	L.02	L.02	L.04	L.03	L.04
89-09-12	1201	L.03	L.02	L.02	L.04	L.03	L.04
89-09-12	1205	L.03	L.02	L.02	L.04	L.03	L.04
89-10-24	1550	L.03	L.02	L.02	L.04	L.03	L.04
89-10-24	1555	L.03	L.02	L.02	L.04	L.03	L.04
89-11-28	1201	L.03	L.02	L.02	L.04	L.03	L.04
89-11-28	1205	L.03	L.02	L.02	L.04	L.03	L.04
90-06-06	1201	L.008	**IN**	L.008	L.012	L.010	L.010
90-06-06	1202	L.008	**IN**	L.008	L.012	L.010	L.010
90-07-16	1201	L.03	**TC**	L.02	L.04	L.03	L.04
90-07-16	1205	L.03	**TC**	L.02	L.04	L.03	L.04
90-08-15	1201	L.03	**TC**	L.02	L.04	L.03	L.04
90-08-15	1205	L.03	**TC**	L.02	L.04	L.03	L.04
90-09-13	1201	L.03	**TC**	L.02	L.04	L.03	L.04
90-09-13	1205	L.03	**TC**	L.02	L.04	L.03	L.04
90-10-16	1201	L.03	**TC**	L.02	L.04	L.03	L.04
90-10-16	1205	L.03	**TC**	L.02	L.04	L.03	L.04
90-11-27	1201	L.03	**TC**	L.02	L.04	L.03	L.04
90-11-27	1205	L.03	**TC**	L.02	L.04	L.03	L.04
MAX		L.03	L.02	L.02	L.04	L.03	L.04
MIN		L.03	L.02	L.02	L.04	L.03	L.04

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02ZK3024 PLACENTIA WATER SUPPLY @ LARKINS PD SITE 5

DATE	TIME	17713L 2-4-6TCP (UG/L)	17712L 2-3-6TCP (UG/L)	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)	17721L 2356 TECP (UG/L)
89-06-14	1209	L.03	L.01	L.01	L.02	L.02	L.005
89-06-14	1210	L.03	L.01	L.01	L.02	L.02	L.005
89-07-17	1209	L.03	L.01	L.01	L.02	L.02	L.005
89-07-17	1210	L.03	L.01	L.01	L.02	L.02	L.005
89-08-16	1201	L.03	L.01	L.01	L.02	L.02	L.005
89-08-16	1205	L.03	L.01	L.01	L.02	L.02	L.005
89-09-12	1201	L.03	L.01	L.01	L.02	L.02	L.005
89-09-12	1205	L.03	L.01	L.01	L.02	L.02	L.005
89-10-24	1550	L.03	L.01	L.01	L.02	L.02	L.005
89-10-24	1555	L.03	L.01	L.01	L.02	L.02	L.005
89-11-28	1201	L.03	L.01	L.01	L.02	L.02	L.005
89-11-28	1205	L.03	L.01	L.01	L.02	L.02	L.005
90-06-06	1201	L.015	L.010	L.017	L.012	L.011	L.017
90-06-06	1202	L.015	L.010	L.017	L.012	L.011	L.017
90-07-16	1201	L.03	L.01	L.01	L.02	L.02	L.005
90-07-16	1205	L.03	L.01	L.01	L.02	L.02	L.005
90-08-15	1201	L.03	L.01	L.01	L.02	L.02	L.005
90-08-15	1205	L.03	L.01	L.01	L.02	L.02	L.005
90-09-13	1201	L.03	L.01	L.01	L.02	L.02	L.005
90-09-13	1205	L.03	L.01	L.01	L.02	L.02	L.005
90-10-16	1201	L.03	L.01	L.01	L.02	L.02	L.005
90-10-16	1205	L.03	L.01	L.01	L.02	L.02	L.005
90-11-27	1201	L.03	L.01	L.01	L.02	L.02	L.005
90-11-27	1205	L.03	L.01	L.01	L.02	L.02	L.005
MAX		L.03	L.01	L.01	L.02	L.02	L.005
MIN		L.03	L.01	L.01	L.02	L.02	L.005

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02ZK3024 PLACENTIA WATER SUPPLY @ LARKINS PD SITE 5

DATE	TIME	17720L 2345 TCP (UG/L)	17804L PCP (UG/L)
89-06-14	1209	L.005	L.002
89-06-14	1210	L.005	.010
89-07-17	1209	L.005	L.002
89-07-17	1210	L.005	L.002
89-08-16	1201	L.005	L.002
89-08-16	1205	L.005	L.002
89-09-12	1201	L.005	L.002
89-09-12	1205	L.005	L.002
89-10-24	1550	L.005	L.002
89-10-24	1555	L.005	L.002
89-11-28	1201	L.005	.002
89-11-28	1205	L.005	.002
90-06-06	1201	L.028	L.030
90-06-06	1202	L.028	L.030
90-07-16	1201	L.005	L.002
90-07-16	1205	L.005	L.002
90-08-15	1201	L.005	L.002
90-08-15	1205	L.005	L.002
90-09-13	1201	L.005	L.002
90-09-13	1205	L.005	L.002
90-10-16	1201	L.005	.003
90-10-16	1205	L.005	.003
90-11-27	1201	L.005	L.002
90-11-27	1205	L.005	L.002
MAX		L.005	.010
MIN		L.005	L.002

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02ZJ0010 PLATE COVE EAST - EASTERN POND @ INTAKE

DATE	TIME	10110L GRAN ALK (MG/L)	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	06107L DOC (MG/L)
91-05-28	1310	1.2	.78	.52	5.4	.25	5.3
91-05-28	1315	1.0	.78	.52	5.5	.26	5.5
91-10-09	1215	1.6	1.06	.65	5.6	.34	13.0
91-10-09	1220	1.9	1.06	.66	5.6	.33	12.8
MAX		1.9	1.06	.66	5.6	.34	13.0
MIN		1.0	.78	.52	5.4	.25	5.3

DATE	TIME	09105L FLUORIDE (MG/L)	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)	26304L IRON (MG/L)	28302L NICKEL (MG/L)
91-05-28	1310	L.05	.174	L.0002	.020	.15	L.002
91-05-28	1315	L.05	.187	L.0002	.020	.14	L.002
91-10-09	1215	L.05	.33	L.0002	.100	.540	L.002
91-10-09	1220	L.05	.33	L.0002	.110	.540	L.002
MAX		L.05	.33	L.0002	.110	.540	L.002
MIN		L.05	.174	L.0002	.020	.14	L.002

DATE	TIME	29305L COPPER (MG/L)	30304L ZINC (MG/L)	48302L CADMIUM (MG/L)	82302L LEAD (MG/L)	02073L TURB (JTU)	10301L pH (UNITS)
91-05-28	1310	L.002	L.01	L.001	L.002	.4	5.6
91-05-28	1315	L.002	L.01	L.001	L.002	.4	5.6
91-10-09	1215	L.002	L.01	L.001	L.002	.7	5.5
91-10-09	1220	L.002	L.01	L.001	L.002	.8	5.4
MAX		L.002	L.01	L.001	L.002	.8	5.6
MIN		L.002	L.01	L.001	L.002	.4	5.4

DATE	TIME	17209L Cl (MG/L)	16309L SO4 (MG/L)	07315L NO3 (MG/L)	80315L MERCURY (UG/L)	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)
91-05-28	1310	8.9	2.4	.01	L.02	50.	37.
91-05-28	1315	8.4	2.2	.01	L.02	45.	37.
91-10-09	1215	8.0	2.0	.01	L.02	80.	42.
91-10-09	1220	8.4	2.0	.01	L.02	85.	42.
MAX		8.9	2.4	.01	L.02	85.	42.
MIN		8.0	2.0	.01	L.02	45.	37.

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02ZJ0010 PLATE COVE EAST - EASTERN POND @ INTAKE

DATE	TIME	33007L ARSENIC (MG/L)
91-05-28	1310	----
91-05-28	1315	----
91-10-09	1215	L.0005
91-10-09	1220	L.0005
MAX		L.0005
MIN		L.0005

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02YG0006 POLLARDS POINT WATER SUPPLY AT COUNTRY COVE PD

DATE	TIME	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	10101L T ALK (MG/L)	20110L Ca (MG/L)
89-06-29	1201	20.	51.	.4	7.2	15.9	6.6
89-06-29	1205	20.	51.	.4	7.2	15.9	6.6
89-10-27	1400	25.	58.	.6	6.9	18.3	7.1
89-10-27	1405	25.	60.	.6	7.0	19.6	7.1
MAX		25.	60.	.6	7.2	19.6	7.1
MIN		20.	51.	.4	6.9	15.9	6.6

DATE	TIME	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)	16304L SO4 (MG/L)	16309L SO4 (MG/L)
89-06-29	1201	.75	2.4	.48	3.8	2.1	1.6
89-06-29	1205	.75	2.3	.46	3.8	1.9	1.6
89-10-27	1400	.90	2.4	.49	1.5	**TC**	1.5
89-10-27	1405	.81	2.4	.49	4.0	**TC**	1.5
MAX		.90	2.4	.49	4.0	2.1	1.6
MIN		.75	2.3	.46	1.5	1.9	1.5

DATE	TIME	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14102L Si (MG/L)	09105L FLUORIDE (MG/L)	13305L Al (MG/L)	25304L Mn (MG/L)
89-06-29	1201	L.01	3.9	1.4	L.05	.027	.030
89-06-29	1205	L.01	3.9	1.5	L.05	.023	.030
89-10-27	1400	L.01	4.7	1.2	L.05	.034	.020
89-10-27	1405	L.01	4.9	1.2	L.05	.040	.020
MAX		L.01	4.9	1.5	L.05	.040	.030
MIN		L.01	3.9	1.2	L.05	.023	.020

DATE	TIME	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)
89-06-29	1201	.05	L.002	L.002	L.01	L.0005	L.001
89-06-29	1205	.05	L.002	L.002	L.01	L.0005	L.001
89-10-27	1400	.15	L.002	L.002	L.01	L.0005	L.001
89-10-27	1405	.15	L.002	L.002	L.01	L.0005	L.001
MAX		.15	L.002	L.002	L.01	L.0005	L.001
MIN		.05	L.002	L.002	L.01	L.0005	L.001

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02YG0006 POLLARDS POINT WATER SUPPLY AT COUNTRY COVE PD

DATE	TIME	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	24004L Cr (MG/L)	16313L SO4 (MG/L)	14109L SiO2 (MG/L)
89-06-29	1201	L.02	L.002	——	——	——
89-06-29	1205	L.02	L.002	——	——	——
89-10-27	1400	L.02	L.002	.0002	1.72	1.17
89-10-27	1405	L.02	L.002	.0002	1.72	1.17
MAX		L.02	L.002	.0002	1.72	1.17
MIN		L.02	L.002	.0002	1.72	1.17

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02ZB0008 PORT-AUX-BASQUES (UNNAMED LAKE)

DATE	TIME	17704L 2-6-DCP (UG/L)	17703L 2-5-DCP (UG/L)	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)	17705L 3-4-DCP (UG/L)
89-06-09	1400	L.03	L.02	L.02	L.04	L.03	L.04
89-06-09	1401	----	----	----	----	----	----
89-06-09	1402	L.03	L.02	L.02	L.04	L.03	L.04
89-06-09	1405	----	----	----	----	----	----
89-10-26	1230	L.03	L.02	L.02	L.04	L.03	L.04
89-10-26	1231	----	----	----	----	----	----
89-10-26	1235	L.03	L.02	L.02	L.04	L.03	L.04
89-10-26	1236	----	----	----	----	----	----
90-06-04	1201	----	----	----	----	----	----
90-06-04	1202	----	----	----	----	----	----
90-06-04	1203	L.009	**IN**	L.008	L.011	L.010	L.009
90-06-04	1205	L.009	**IN**	L.008	L.011	L.010	L.009
MAX		L.009	L.02	L.008	L.011	L.010	L.009
MIN		L.009	L.02	L.008	L.011	L.010	L.009

DATE	TIME	17713L 2-4-6TCP (UG/L)	17712L 2-3-6TCP (UG/L)	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)	17721L 2356 TECP (UG/L)
89-06-09	1400	L.03	L.01	L.01	L.02	L.02	L.005
89-06-09	1401	----	----	----	----	----	----
89-06-09	1402	L.03	L.01	L.01	L.02	L.02	L.005
89-06-09	1405	----	----	----	----	----	----
89-10-26	1230	L.03	L.01	L.01	L.02	L.02	L.005
89-10-26	1231	----	----	----	----	----	----
89-10-26	1235	L.03	L.01	L.01	L.02	L.02	L.005
89-10-26	1236	----	----	----	----	----	----
90-06-04	1201	----	----	----	----	----	----
90-06-04	1202	----	----	----	----	----	----
90-06-04	1203	.026	L.009	L.013	L.009	L.009	L.018
90-06-04	1205	.026	L.009	L.013	L.009	L.009	L.018
MAX		.026	L.009	L.013	L.009	L.009	L.018
MIN		L.03	L.009	L.013	L.009	L.009	L.018

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02ZB0008 PORT-AUX-BASQUES (UNNAMED LAKE)

DATE	TIME	17720L 2345 TCP (UG/L)	17804L PCP (UG/L)	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)
89-06-09	1400	L.005	.005	——	——	——	——
89-06-09	1401	——	——	70.	36	.6	5.3
89-06-09	1402	L.005	.004	——	——	——	——
89-06-09	1405	——	——	70.	30	.6	5.2
89-10-26	1230	L.005	.002	——	——	——	——
89-10-26	1231	——	——	120.	41.	.7	5.0
89-10-26	1235	L.005	.002	——	——	——	——
89-10-26	1236	——	——	120.	41.	.7	4.9
90-06-04	1201	——	——	35.	23.6	.5	5.4
90-06-04	1202	——	——	35.	23.2	.4	5.3
90-06-04	1203	L.014	L.024	——	——	——	——
90-06-04	1205	L.014	L.024	——	——	——	——
MAX		L.014	.005	120.	41.	.7	5.4
MIN		L.014	L.024	35.	23.2	.4	4.9

DATE	TIME	10110L GRAN ALK (MG/L)	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)
89-06-09	1400	——	——	——	——	——	——
89-06-09	1401	1.2	.93	.45	3.2	.31	5.2
89-06-09	1402	——	——	——	——	——	——
89-06-09	1405	.3	.91	.45	3.2	.30	4.8
89-10-26	1230	——	——	——	——	——	——
89-10-26	1231	.3	1.4	.74	4.1	.26	6.4
89-10-26	1235	——	——	——	——	——	——
89-10-26	1236	-.1	1.3	.76	4.1	.26	6.3
90-06-04	1201	.4	.62	.31	2.5	.20	3.5
90-06-04	1202	.3	.62	.32	2.5	.20	3.5
90-06-04	1203	——	——	——	——	——	——
90-06-04	1205	——	——	——	——	——	——
MAX		1.2	1.4	.76	4.1	.31	6.4
MIN		-.1	.62	.31	2.5	.20	3.5

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02ZB0008 PORT-AUX-BASQUES (UNNAMED LAKE)

DATE	TIME	16304L SO4 (MG/L)	16309L SO4 (MG/L)	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14102L Si (MG/L)	09105L FLUORIDE (MG/L)
89-06-09	1400	——	——	——	——	——	——
89-06-09	1401	2.8	2.8	.03	5.0	.6	L.05
89-06-09	1402	——	——	——	——	——	——
89-06-09	1405	2.8	2.5	.03	4.3	.6	L.05
89-10-26	1230	——	——	——	——	——	——
89-10-26	1231	5.0	4.1	L.01	7.6	1.5	L.05
89-10-26	1235	——	——	——	——	——	——
89-10-26	1236	4.8	4.1	L.01	7.8	1.5	L.05
90-06-04	1201	——	1.7	L.01	3.7	——	L.05
90-06-04	1202	——	1.7	L.01	3.5	——	L.05
90-06-04	1203	——	——	——	——	——	——
90-06-04	1205	——	——	——	——	——	——
MAX		5.0	4.1	.03	7.8	1.5	L.05
MIN		2.8	1.7	L.01	3.5	.6	L.05

DATE	TIME	13305L Al (MG/L)	25304L Mn (MG/L)	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)
89-06-09	1400	——	——	——	——	——	——
89-06-09	1401	.12	.01	.19	L.002	L.002	L.01
89-06-09	1402	——	——	——	——	——	——
89-06-09	1405	.11	.01	.18	L.002	L.002	L.01
89-10-26	1230	——	——	——	——	——	——
89-10-26	1231	.21	.010	.25	L.002	L.002	L.01
89-10-26	1235	——	——	——	——	——	——
89-10-26	1236	.20	.010	.24	L.002	L.002	L.01
90-06-04	1201	.086	L.01	.160	L.002	L.002	L.01
90-06-04	1202	.094	L.01	.150	L.002	L.002	L.01
90-06-04	1203	——	——	——	——	——	——
90-06-04	1205	——	——	——	——	——	——
MAX		.21	.01	.25	L.002	L.002	L.01
MIN		.086	L.01	.150	L.002	L.002	L.01

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02ZB0008 PORT-AUX-BASQUES (UNNAMED LAKE)

DATE	TIME	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	24004L Cr (MG/L)	16313L SO4 (MG/L)
89-06-09	1400	——	——	——	——	——	——
89-06-09	1401	L.0005	L.001	L.02	L.002	——	——
89-06-09	1402	——	——	——	——	——	——
89-06-09	1405	L.0005	L.001	L.02	L.002	——	——
89-10-26	1230	——	——	——	——	——	——
89-10-26	1231	L.0005	L.001	L.02	L.002	.0003	4.65
89-10-26	1235	——	——	——	——	——	——
89-10-26	1236	L.0005	L.001	L.02	L.002	.0003	4.5
90-06-04	1201	L.0005	L.001	L.02	L.002	L.0002	2.17
90-06-04	1202	L.0005	L.001	L.02	L.002	L.0002	2.28
90-06-04	1203	——	——	——	——	——	——
90-06-04	1205	——	——	——	——	——	——
MAX		L.0005	L.001	L.02	L.002	.0003	4.65
MIN		L.0005	L.001	L.02	L.002	L.0002	2.17

DATE	TIME	14109L SiO2 (MG/L)
89-06-09	1400	——
89-06-09	1401	——
89-06-09	1402	——
89-06-09	1405	——
89-10-26	1230	——
89-10-26	1231	1.4
89-10-26	1235	——
89-10-26	1236	1.43
90-06-04	1201	.55
90-06-04	1202	.55
90-06-04	1203	——
90-06-04	1205	——
MAX		1.43
MIN		.55

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 00NF02ZB0024 PORT AUX BASQUES WATER SUPPLY

DATE	TIME	02061S TEMP (DEG.C.)	02065S TEMP (DEG.C.)	10301F pH (UNITS)	02042S SP COND (USIE/CM)	08102S DO (MG/L)	10110L GRAN ALK (MG/L)
90-11-09	1130	.5	1.2	4.2	57.4	12.8	-.4
90-11-09	1135	.5	1.2	4.2	57.4	12.8	-.6
MAX		.5	1.2	4.2	57.4	12.8	-.4
MIN		.5	1.2	4.2	57.4	12.8	-.6

DATE	TIME	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)	16313L SO4 (MG/L)
90-11-09	1130	1.4	.98	5.6	.37	10.1	3.7
90-11-09	1135	1.2	1.0	5.7	.38	9.9	3.8
MAX		1.4	1.0	5.7	.38	10.1	3.8
MIN		1.2	.98	5.6	.37	9.9	3.7

DATE	TIME	16309L SO4 (MG/L)	07315L NO3 (MG/L)	06107L DOC (MG/L)	14109L SiO2 (MG/L)	09105L FLUORIDE (MG/L)	13305L Al (MG/L)
90-11-09	1130	3.6	.06	5.8	1.4	L.05	.15
90-11-09	1135	3.5	.06	5.8	1.4	L.05	.15
MAX		3.6	.06	5.8	1.4	L.05	.15
MIN		3.5	.06	5.8	1.4	L.05	.15

DATE	TIME	24004L Cr (MG/L)	25304L Mn (MG/L)	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)
90-11-09	1130	.0002	.020	.23	L.002	L.002	L.01
90-11-09	1135	.0003	.020	.22	L.002	L.002	L.01
MAX		.0003	.020	.23	L.002	L.002	L.01
MIN		.0002	.020	.22	L.002	L.002	L.01

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 00NF02ZB0024 PORT AUX BASQUES WATER SUPPLY

DATE	TIME	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)
90-11-09	1130	L.0005	L.001	L.02	L.002	70.	55.
90-11-09	1135	L.0005	L.001	L.02	L.002	70.	56.
MAX		L.0005	L.001	L.02	L.002	70.	56.
MIN		L.0005	L.001	L.02	L.002	70.	55.

DATE	TIME	02073L TURB (JTU)	10301L pH (UNITS)	07110L NO3 NO2 (MG/L)
90-11-09	1130	.7	4.9	.07
90-11-09	1135	.7	4.8	.05
MAX		.7	4.9	.07
MIN		.7	4.8	.05

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 00NF02YC0011 PORT SAUNDERS WATER SUPPLY

DATE	TIME	10101L T ALK (MG/L)	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)
90-06-05	1201	87.5	22.	10.	7.8	.51	12.2
90-06-05	1205	88.7	23.	10.	7.7	.50	12.2
90-10-31	1100	88.8	23.	9.7	7.7	.53	10.6
90-10-31	1105	91.	22.	9.8	7.9	.52	10.5
MAX		91.	23.	10.	7.9	.53	12.2
MIN		87.5	22.	9.7	7.7	.50	10.5

DATE	TIME	16313L SO4 (MG/L)	16309L SO4 (MG/L)	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14109L SiO2 (MG/L)	09105L FLUORIDE (MG/L)
90-06-05	1201	4.48	3.4	L.01	6.7	1.8	L.05
90-06-05	1205	4.05	3.4	L.01	6.4	1.8	L.05
90-10-31	1100	3.2	3.4	.05	7.6	1.7	L.05
90-10-31	1105	3.8	3.3	.05	8.3	1.7	L.05
MAX		4.48	3.4	.05	8.3	1.8	L.05
MIN		3.2	3.3	L.01	6.4	1.7	L.05

DATE	TIME	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)
90-06-05	1201	.012	L.0002	.01	.060	L.002	L.002
90-06-05	1205	.012	L.0002	.01	.060	L.002	L.002
90-10-31	1100	.031	L.0002	.020	.11	L.002	L.002
90-10-31	1105	.029	L.0002	.020	.09	L.002	L.002
MAX		.031	L.0002	.020	.11	L.002	L.002
MIN		.012	L.0002	.01	.060	L.002	L.002

DATE	TIME	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	10301L pH (UNITS)
90-06-05	1201	.01	L.0005	L.001	L.02	L.002	8.0
90-06-05	1205	L.01	L.0005	L.001	L.02	L.002	8.0
90-10-31	1100	L.01	L.0005	L.001	L.02	L.002	7.9
90-10-31	1105	L.01	L.0005	L.001	L.02	L.002	7.9
MAX		.01	L.0005	L.001	L.02	L.002	8.0
MIN		L.01	L.0005	L.001	L.02	L.002	7.9

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 00NF02YC0011 PORT SAUNDERS WATER SUPPLY

DATE	TIME	02073L TURB (JTU)	02041L SP COND (USIE/CM)	02011L COLOR (UNITS)	02061S TEMP (DEG.C.)	02065S TEMP (DEG.C.)	10301F pH (UNITS)
90-06-05	1201	.3	219.	30.	----	----	----
90-06-05	1205	.3	221.	30.	----	----	----
90-10-31	1100	1.5	214.	40.	3.5	4.3	8.0
90-10-31	1105	1.4	216.	40.	3.5	4.3	8.0
MAX		1.5	221.	40.	3.5	4.3	8.0
MIN		.3	214.	30.	3.5	4.3	8.0

DATE	TIME	02042S SP COND (USIE/CM)	08102S DO (MG/L)	07315L NO3 (MG/L)
90-06-05	1201	----	----	----
90-06-05	1205	----	----	----
90-10-31	1100	217.	12.0	L.05
90-10-31	1105	217.	12.0	L.05
MAX		217.	12.0	L.05
MIN		217.	12.0	L.05

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 00NF02YC0011 PORT SAUNDERS WATER SUPPLY

DATE	TIME	02061S TEMP (DEG.C.)	02065S TEMP (DEG.C.)	10301F pH (UNITS)	02042F SP COND (USIE/CM)	08102S DO (MG/L)	17704L 2-6-DCP (UG/L)
91-06-16	0930	10.5	10.2	8.0	213.	9.8	L.03
91-06-16	0935	10.5	10.2	8.0	213.	9.8	L.03
91-11-08	1100	——	——	——	——	——	L.03
91-11-08	1105	——	——	——	——	——	L.03
MAX		10.5	10.2	8.0	213.	9.8	L.03
MIN		10.5	10.2	8.0	213.	9.8	L.03

DATE	TIME	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)	17705L 3-4-DCP (UG/L)	17713L 2-4-6TCP (UG/L)	17712L 2-3-6TCP (UG/L)
91-06-16	0930	L.02	L.04	L.03	L.04	L.03	L.01
91-06-16	0935	L.02	L.04	L.03	L.04	L.03	L.01
91-11-08	1100	L.02	L.04	L.03	L.04	L.03	L.01
91-11-08	1105	L.02	L.04	L.03	L.04	L.03	L.01
MAX		L.02	L.04	L.03	L.04	L.03	L.01
MIN		L.02	L.04	L.03	L.04	L.03	L.01

DATE	TIME	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)	17721L 2356 TECP (UG/L)	17720L 2345 TCP (UG/L)	17804L PCP (UG/L)
91-06-16	0930	L.01	L.02	L.02	L.005	L.005	L.002
91-06-16	0935	L.01	L.02	L.02	L.005	L.005	L.002
91-11-08	1100	L.01	L.02	L.02	L.005	L.005	L.002
91-11-08	1105	L.01	L.02	L.02	L.005	L.005	L.002
MAX		L.01	L.02	L.02	L.005	L.005	L.002
MIN		L.01	L.02	L.02	L.005	L.005	L.002

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02ZM3019 POUCH COVE WATER SUPPLY

DATE	TIME	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	10101L T ALK (MG/L)	20110L Ca (MG/L)
89-06-21	1201	10.	64.	.4	6.5	3.5	1.4
89-06-21	1205	10.	64.	.4	6.4	3.6	1.4
89-10-27	0950	70.	74.	.6	6.4	4.2	2.3
89-10-27	0955	70.	72.	.5	6.5	4.3	2.4
MAX		70.	74.	.6	6.5	4.3	2.4
MIN		10.	64.	.4	6.4	3.5	1.4

DATE	TIME	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)	16304L SO4 (MG/L)	16309L SO4 (MG/L)
89-06-21	1201	1.2	7.6	.46	13.9	4.5	4.3
89-06-21	1205	1.2	7.6	.45	14.1	4.3	4.3
89-10-27	0950	1.5	8.4	.56	14.1	**TC**	4.
89-10-27	0955	1.5	8.6	.59	14.	**TC**	3.9
MAX		1.5	8.6	.59	14.1	4.5	4.3
MIN		1.2	7.6	.45	13.9	4.3	3.9

DATE	TIME	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14102L Si (MG/L)	09105L FLUORIDE (MG/L)	13305L Al (MG/L)	25304L Mn (MG/L)
89-06-21	1201	L.01	3.8	.2	L.05	.041	L.01
89-06-21	1205	L.01	4.0	.2	L.05	.042	.01
89-10-27	0950	L.01	7.6	3.0	L.05	.14	.020
89-10-27	0955	L.01	7.9	3.0	L.05	.15	.020
MAX		L.01	7.9	3.0	L.05	.15	.020
MIN		L.01	3.8	.2	L.05	.041	L.01

DATE	TIME	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)
89-06-21	1201	.22	L.002	L.002	L.01	L.0005	L.001
89-06-21	1205	.22	L.002	L.002	L.01	L.0005	L.001
89-10-27	0950	.35	L.002	L.002	L.01	L.0005	L.001
89-10-27	0955	.37	L.002	L.002	.01	L.0005	L.001
MAX		.37	L.002	L.002	.01	L.0005	L.001
MIN		.22	L.002	L.002	L.01	L.0005	L.001

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02ZM3019 POUCH COVE WATER SUPPLY

DATE	TIME	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	24004L Cr (MG/L)	16313L SO4 (MG/L)	14109L SiO2 (MG/L)
89-06-21	1201	L.02	L.002	----	----	----
89-06-21	1205	L.02	L.002	----	----	----
89-10-27	0950	L.02	L.002	.0003	5.17	2.96
89-10-27	0955	L.02	L.002	.0004	5.07	2.94
MAX		L.02	L.002	.0004	5.17	2.96
MIN		L.02	L.002	.0003	5.07	2.94

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02ZC1315 RAMEA WATER SUPPLY AT NORTHWEST POND

DATE	TIME	17704L 2-6-DCP (UG/L)	17703L 2-5-DCP (UG/L)	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)	17705L 3-4-DCP (UG/L)
89-06-16	1415	——	——	——	——	——	——
89-06-16	1422	——	——	——	——	——	——
89-10-20	1215	L.03	L.02	L.02	L.04	L.03	L.04
89-10-20	1216	——	——	——	——	——	——
89-10-20	1220	L.03	L.02	L.02	L.04	L.03	L.04
89-10-20	1221	——	——	——	——	——	——
MAX		L.03	L.02	L.02	L.04	L.03	L.04
MIN		L.03	L.02	L.02	L.04	L.03	L.04

DATE	TIME	17713L 2-4-6TCP (UG/L)	17712L 2-3-6TCP (UG/L)	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)	17721L 2356 TECP (UG/L)
89-06-16	1415	——	——	——	——	——	——
89-06-16	1422	——	——	——	——	——	——
89-10-20	1215	L.03	L.01	L.01	L.02	L.02	L.005
89-10-20	1216	——	——	——	——	——	——
89-10-20	1220	L.03	L.01	L.01	L.02	L.02	L.005
89-10-20	1221	——	——	——	——	——	——
MAX		L.03	L.01	L.01	L.02	L.02	L.005
MIN		L.03	L.01	L.01	L.02	L.02	L.005

DATE	TIME	17720L 2345 TCP (UG/L)	17804L PCP (UG/L)	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)
89-06-16	1415	——	——	50.	121.	3.8	7.5
89-06-16	1422	——	——	50.	121.	3.6	7.5
89-10-20	1215	L.005	L.002	——	——	——	——
89-10-20	1216	——	——	220.	584.	1.2	5.6
89-10-20	1220	L.005	L.002	——	——	——	——
89-10-20	1221	——	——	220.	580.	1.3	5.7
MAX		L.005	L.002	220.	584.	3.8	7.5
MIN		L.005	L.002	50.	121.	1.2	5.6

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02ZC1315 RAMEA WATER SUPPLY AT NORTHWEST POND

DATE	TIME	10101L T ALK (MG/L)	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)
89-06-16	1415	22.5	9.3	2.2	10.3	.52	18.9
89-06-16	1422	22.8	9.3	2.2	10.6	.52	18.5
89-10-20	1215	——	——	——	——	——	——
89-10-20	1216	——	3.8	10.	85.	3.1	160.
89-10-20	1220	——	——	——	——	——	——
89-10-20	1221	——	3.9	10.	83.	3.3	154.
MAX		22.8	9.3	10.	85.	3.3	160.
MIN		22.5	3.8	2.2	10.3	.52	18.5

DATE	TIME	16304L SO4 (MG/L)	16309L SO4 (MG/L)	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14102L Si (MG/L)	09105L FLUORIDE (MG/L)
89-06-16	1415	4.2	3.2	L.01	5.0	1.0	L.05
89-06-16	1422	4.3	3.2	L.01	5.0	1.1	L.05
89-10-20	1215	——	——	——	——	——	——
89-10-20	1216	24.0	21.7	L.01	11.	1.1	.07
89-10-20	1220	——	——	——	——	——	——
89-10-20	1221	25.0	21.4	L.01	11.	1.1	.07
MAX		25.0	21.7	L.01	11.	1.1	.07
MIN		4.2	3.2	L.01	5.0	1.0	L.05

DATE	TIME	13305L Al (MG/L)	25304L Mn (MG/L)	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)
89-06-16	1415	.052	.01	.18	L.002	L.002	L.01
89-06-16	1422	.051	.01	.18	L.002	L.002	L.01
89-10-20	1215	——	——	——	——	——	——
89-10-20	1216	.30	.020	.34	L.002	L.002	L.01
89-10-20	1220	——	——	——	——	——	——
89-10-20	1221	.31	.010	.35	L.002	L.002	L.01
MAX		.31	.020	.35	L.002	L.002	L.01
MIN		.051	.01	.18	L.002	L.002	L.01

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02ZC1315 RAMEA WATER SUPPLY AT NORTHWEST POND

DATE	TIME	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	10110L GRAN ALK (MG/L)	24004L Cr (MG/L)
89-06-16	1415	L.0005	L.001	L.02	L.002	----	----
89-06-16	1422	L.0005	L.001	L.02	L.002	----	----
89-10-20	1215	----	----	----	----	----	----
89-10-20	1216	L.0005	L.001	L.02	L.002	1.9	.0002
89-10-20	1220	----	----	----	----	----	----
89-10-20	1221	L.0005	L.001	L.02	L.002	2.2	.0002
MAX		L.0005	L.001	L.02	L.002	2.2	.0002
MIN		L.0005	L.001	L.02	L.002	1.9	.0002

DATE	TIME	16313L SO4 (MG/L)	14109L SiO2 (MG/L)
89-06-16	1415	----	----
89-06-16	1422	----	----
89-10-20	1215	----	----
89-10-20	1216	22.56	.96
89-10-20	1220	----	----
89-10-20	1221	23.24	1.03
MAX		23.24	1.03
MIN		22.56	.96

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 00NF02YH0029 ROCKY HARBOUR WATER SUPPLY

DATE	TIME	10101L T ALK (MG/L)	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)
90-06-05	1201	59.6	17.2	5.7	6.0	.48	9.7
90-06-05	1205	60.3	17.3	5.7	6.0	.48	10.0
90-11-16	1130	61.8	18.5	5.6	6.2	.48	9.6
90-11-16	1135	61.3	18.3	5.6	6.2	.49	9.3
MAX		61.8	18.5	5.7	6.2	.49	10.0
MIN		59.6	17.2	5.6	6.0	.48	9.3

DATE	TIME	16313L SO4 (MG/L)	16309L SO4 (MG/L)	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14109L SiO2 (MG/L)	09105L FLUORIDE (MG/L)
90-06-05	1201	4.66	3.3	.08	5.6	2.2	L.05
90-06-05	1205	5.15	5.4	.09	5.2	2.2	L.05
90-11-16	1130	3.5	3.4	.12	6.1	2.3	L.05
90-11-16	1135	3.5	3.3	.12	6.1	2.3	L.05
MAX		5.15	5.4	.12	6.1	2.3	L.05
MIN		3.5	3.3	.08	5.2	2.2	L.05

DATE	TIME	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)
90-06-05	1201	.026	L.0002	L.01	.060	L.002	L.002
90-06-05	1205	.023	L.0002	L.01	.050	L.002	L.002
90-11-16	1130	.026	L.0002	L.010	.06	L.002	L.002
90-11-16	1135	.030	L.0002	L.010	.07	L.002	L.002
MAX		.030	L.0002	L.010	.07	L.002	L.002
MIN		.023	L.0002	L.010	.050	L.002	L.002

DATE	TIME	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	10301L pH (UNITS)
90-06-05	1201	L.01	L.0005	L.001	L.02	L.002	7.8
90-06-05	1205	L.01	L.0005	L.001	L.02	L.002	7.9
90-11-16	1130	L.01	L.0005	L.001	L.02	L.002	7.9
90-11-16	1135	L.01	L.0005	L.001	L.02	L.002	7.9
MAX		L.01	L.0005	L.001	L.02	L.002	7.9
MIN		L.01	L.0005	L.001	L.02	L.002	7.8

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 00NF02YH0029 ROCKY HARBOUR WATER SUPPLY

DATE	TIME	02073L TURB (JTU)	02041L SP COND (USIE/CM)	02011L COLOR (UNITS)	02061S TEMP (DEG.C.)	10301F pH (UNITS)	02042S SP COND (USIE/CM)
90-06-05	1201	.2	159.	30.	----	----	----
90-06-05	1205	.2	159.	30.	----	----	----
90-11-16	1130	.4	160.	40.	.5	7.8	158.6
90-11-16	1135	.4	160.	40.	.5	7.8	158.6
MAX		.4	160.	40.	.5	7.8	158.6
MIN		.2	159.	30.	.5	7.8	158.6

DATE	TIME	07315L NO3 (MG/L)
90-06-05	1201	----
90-06-05	1205	----
90-11-16	1130	.12
90-11-16	1135	.11
MAX		.12
MIN		.11

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02YD0008 EAST POND AT INTAKE (Reddiekton)

DATE	TIME	02061S TEMP (DEG.C.)	02065S TEMP (DEG.C.)	10301F pH (UNITS)	02042F SP COND (USIE/CM)	08102S DO (MG/L)	20110L Ca (MG/L)
91-06-16	1030	6.5	6.0	7.8	126.5	9.5	17.7
91-06-16	1035	6.5	6.0	7.8	126.5	9.5	17.7
91-11-08	0900	——	——	8.1	137.4	——	21.
91-11-08	0901	——	——	8.1	137.4	——	21.
MAX		6.5	6.0	8.1	137.4	9.5	21.
MIN		6.5	6.0	7.8	126.5	9.5	17.7

DATE	TIME	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)	16309L SO4 (MG/L)	07315L NO3 (MG/L)
91-06-16	1030	3.5	2.2	.15	3.1	1.6	.04
91-06-16	1035	3.5	2.2	.18	3.1	1.6	.03
91-11-08	0900	4.6	2.6	.31	3.2	2.5	.02
91-11-08	0901	4.7	2.6	.31	3.2	1.7	.02
MAX		4.7	2.6	.31	3.2	2.5	.04
MIN		3.5	2.2	.15	3.1	1.6	.02

DATE	TIME	06107L DOC (MG/L)	09105L FLUORIDE (MG/L)	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)	26305L IRON (MG/L)
91-06-16	1030	3.2	L.05	.035	L.0002	L.010	.045
91-06-16	1035	3.4	L.05	.037	L.0002	L.010	——
91-11-08	0900	3.0	L.05	.027	.0003	.010	——
91-11-08	0901	3.1	L.05	.028	.0002	L.010	——
MAX		3.4	L.05	.037	.0003	.010	.045
MIN		3.0	L.05	.027	L.0002	L.010	.045

DATE	TIME	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)
91-06-16	1030	L.002	L.002	L.01	L.001	L.02	L.002
91-06-16	1035	L.002	L.002	L.01	L.001	L.02	L.002
91-11-08	0900	L.002	L.002	L.01	L.001	L.02	L.002
91-11-08	0901	L.002	L.002	L.01	L.001	L.02	L.002
MAX		L.002	L.002	L.01	L.001	L.02	L.002
MIN		L.002	L.002	L.01	L.001	L.02	L.002

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02YD0008 EAST POND AT INTAKE

DATE	TIME	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	10110L GRAN ALK (MG/L)	26304L IRON (MG/L)
91-06-16	1030	20.	123.	.3	7.8	56.8	——
91-06-16	1035	30.	120.	.3	7.8	54.7	.050
91-11-08	0900	15.	143.	.4	7.9	68.1	.090
91-11-08	0901	15.	144.	.4	8.0	66.8	.060
MAX		30.	144.	.4	8.0	68.1	.090
MIN		15.	120.	.3	7.8	54.7	.050

DATE	TIME	33007L ARSENIC (MG/L)
91-06-16	1030	——
91-06-16	1035	——
91-11-08	0900	L.0005
91-11-08	0901	L.0005
MAX		L.0005
MIN		L.0005

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 00NF02ZG0022 RUSHOON WATER SUPPLY @ BIG POND BROOK

DATE	TIME	17704L 2-6-DCP (UG/L)	17703L 2-5-DCP (UG/L)	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)	17705L 3-4-DCP (UG/L)
89-06-19	1201	L.03	L.02	L.02	L.04	L.03	L.04
89-06-19	1205	L.03	L.02	L.02	L.04	L.03	L.04
89-06-20	1201	----	----	----	----	----	----
89-06-20	1205	----	----	----	----	----	----
89-10-25	1201	L.03	L.02	L.02	L.04	L.03	L.04
89-10-25	1202	----	----	----	----	----	----
89-10-25	1205	L.03	L.02	L.02	L.04	L.03	L.04
89-10-25	1206	----	----	----	----	----	----
MAX		L.03	L.02	L.02	L.04	L.03	L.04
MIN		L.03	L.02	L.02	L.04	L.03	L.04

DATE	TIME	17713L 2-4-6TCP (UG/L)	17712L 2-3-6TCP (UG/L)	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)	17721L 2356 TECP (UG/L)
89-06-19	1201	L.03	L.01	L.01	L.02	L.02	L.005
89-06-19	1205	L.03	L.01	L.01	L.02	L.02	L.005
89-06-20	1201	----	----	----	----	----	----
89-06-20	1205	----	----	----	----	----	----
89-10-25	1201	L.03	L.01	L.01	L.02	L.02	L.005
89-10-25	1202	----	----	----	----	----	----
89-10-25	1205	L.03	L.01	L.01	L.02	L.02	L.005
89-10-25	1206	----	----	----	----	----	----
MAX		L.03	L.01	L.01	L.02	L.02	L.005
MIN		L.03	L.01	L.01	L.02	L.02	L.005

DATE	TIME	17720L 2345 TCP (UG/L)	17804L PCP (UG/L)	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)
89-06-19	1201	L.005	L.002	----	----	----	----
89-06-19	1205	L.005	L.002	----	----	----	----
89-06-20	1201	----	----	25.	35.	.3	6.4
89-06-20	1205	----	----	25.	35.	.3	6.4
89-10-25	1201	L.005	L.002	----	----	----	----
89-10-25	1202	----	----	35.	49.	.6	6.5
89-10-25	1205	L.005	L.002	----	----	----	----
89-10-25	1206	----	----	40.	48.	.4	6.5
MAX		L.005	L.002	40.	49.	.6	6.5
MIN		L.005	L.002	25.	35.	.3	6.4

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 00NF02ZG0022 RUSHDON WATER SUPPLY @ BIG POND BROOK

DATE	TIME	10101L T ALK (MG/L)	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)
89-06-19	1201	——	——	——	——	——	——
89-06-19	1205	——	——	——	——	——	——
89-06-20	1201	2.2	1.3	.45	4.4	.16	6.3
89-06-20	1205	2.2	1.3	.45	4.2	.16	6.4
89-10-25	1201	——	——	——	——	——	——
89-10-25	1202	2.9	1.8	.64	6.0	.22	8.5
89-10-25	1205	——	——	——	——	——	——
89-10-25	1206	3.2	1.9	.62	6.0	.22	9.2
MAX		3.2	1.9	.64	6.0	.22	9.2
MIN		2.2	1.3	.45	4.2	.16	6.3

DATE	TIME	16304L SO4 (MG/L)	16309L SO4 (MG/L)	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14102L Si (MG/L)	09105L FLUORIDE (MG/L)
89-06-19	1201	——	——	——	——	——	——
89-06-19	1205	——	——	——	——	——	——
89-06-20	1201	2.8	1.6	.05	3.4	1.0	L.05
89-06-20	1205	2.7	1.6	.05	3.3	1.0	L.05
89-10-25	1201	——	——	——	——	——	——
89-10-25	1202	**TC**	1.9	L.01	5.0	1.3	L.05
89-10-25	1205	——	——	——	——	——	——
89-10-25	1206	**TC**	1.9	L.01	4.6	1.3	L.05
MAX		2.8	1.9	.05	5.0	1.3	L.05
MIN		2.7	1.6	L.01	3.3	1.0	L.05

DATE	TIME	13305L Al (MG/L)	25304L Mn (MG/L)	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)
89-06-19	1201	——	——	——	——	——	——
89-06-19	1205	——	——	——	——	——	——
89-06-20	1201	.080	L.01	.06	L.002	L.002	L.01
89-06-20	1205	.076	L.01	——	.002	L.002	L.01
89-10-25	1201	——	——	——	——	——	——
89-10-25	1202	.10	L.010	.07	L.002	L.002	L.01
89-10-25	1205	——	——	——	——	——	——
89-10-25	1206	.10	L.010	.05	L.002	L.002	L.01
MAX		.10	L.010	.07	.002	L.002	L.01
MIN		.076	L.010	.05	L.002	L.002	L.01

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 00NF02ZG0022 RUSHOON WATER SUPPLY @ BIG POND BROOK

DATE	TIME	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	26305L IRON (MG/L)	24004L Cr (MG/L)
89-06-19	1201	——	——	——	——	——	——
89-06-19	1205	——	——	——	——	——	——
89-06-20	1201	L.0005	L.001	L.02	L.002	——	——
89-06-20	1205	L.0005	L.001	L.02	L.002	.041	——
89-10-25	1201	——	——	——	——	——	——
89-10-25	1202	L.0005	L.001	L.02	L.002	——	L.0002
89-10-25	1205	——	——	——	——	——	——
89-10-25	1206	L.0005	L.001	L.02	L.002	——	L.0002
MAX		L.0005	L.001	L.02	L.002	.041	L.0002
MIN		L.0005	L.001	L.02	L.002	.041	L.0002

DATE	TIME	16313L SO4 (MG/L)	14109L SiO2 (MG/L)
89-06-19	1201	——	——
89-06-19	1205	——	——
89-06-20	1201	——	——
89-06-20	1205	——	——
89-10-25	1201	——	——
89-10-25	1202	2.46	1.26
89-10-25	1205	——	——
89-10-25	1206	2.39	1.28
MAX		2.46	1.28
MIN		2.39	1.26

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 04NF02YS0077 SALVAGE WATER SUPPLY AT WILD COVE POND

DATE	TIME	17704L 2-6-DCP (UG/L)	17703L 2-5-DCP (UG/L)	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)	17705L 3-4-DCP (UG/L)
91-01-30	1010	L.03	**TC**	L.02	L.04	L.03	L.04
91-01-30	1020	L.03	**TC**	L.02	L.04	L.03	L.04
91-05-23	1410	L.03	----	L.02	L.04	L.03	L.04
91-11-26	1800	L.03	----	L.02	L.04	L.03	L.04
91-11-26	1805	L.03	----	L.02	L.04	L.03	L.04
MAX		L.03	----	L.02	L.04	L.03	L.04
MIN		L.03	----	L.02	L.04	L.03	L.04

DATE	TIME	17713L 2-4-6TCP (UG/L)	17712L 2-3-6TCP (UG/L)	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)	17721L 2356 TECP (UG/L)
91-01-30	1010	L.03	L.01	L.01	L.02	L.02	L.005
91-01-30	1020	L.03	L.01	L.01	L.02	L.02	L.005
91-05-23	1410	L.03	L.01	L.01	L.02	L.02	L.005
91-11-26	1800	L.03	L.01	L.01	L.02	L.02	L.005
91-11-26	1805	L.03	L.01	L.01	L.02	L.02	L.005
MAX		L.03	L.01	L.01	L.02	L.02	L.005
MIN		L.03	L.01	L.01	L.02	L.02	L.005

DATE	TIME	17720L 2345 TCP (UG/L)	17804L PCP (UG/L)
91-01-30	1010	L.005	L.002
91-01-30	1020	L.005	L.002
91-05-23	1410	L.005	L.002
91-11-26	1800	L.005	L.002
91-11-26	1805	L.005	L.002
MAX		L.005	L.002
MIN		L.005	L.002

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 00NF02ZJ1454 SHOAL HARBOUR WATER SUPPLY @ SHOAL HARBOUR R.

DATE	TIME	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	10101L T ALK (MG/L)	20110L Ca (MG/L)
89-06-15	1201	30.	40.	.3	6.6	4.8	2.5
89-06-15	1205	30.	40.	.3	6.6	4.9	2.5
89-10-23	1600	30.	39.	.5	6.6	4.9	2.3
89-10-23	1605	30.	39.	.6	6.7	4.9	2.4
90-06-04	1201	——	——	——	——	——	——
90-06-04	1205	——	——	——	——	——	——
MAX		30.	40.	.6	6.7	4.9	2.5
MIN		30.	39.	.3	6.6	4.8	2.3

DATE	TIME	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)	16304L SO4 (MG/L)	16309L SO4 (MG/L)
89-06-15	1201	.52	4.6	.18	6.7	2.9	2.2
89-06-15	1205	.53	4.2	.13	6.6	2.5	2.2
89-10-23	1600	.46	3.9	.24	5.8	**TC**	1.7
89-10-23	1605	.54	3.9	.24	5.8	**TC**	1.7
90-06-04	1201	——	——	——	——	——	——
90-06-04	1205	——	——	——	——	——	——
MAX		.54	4.6	.24	6.7	2.9	2.2
MIN		.46	3.9	.13	5.8	2.5	1.7

DATE	TIME	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14102L Si (MG/L)	09105L FLUORIDE (MG/L)	13305L Al (MG/L)	25304L Mn (MG/L)
89-06-15	1201	.02	3.1	3.7	L.05	.075	.04
89-06-15	1205	.02	3.1	3.7	L.05	.078	.04
89-10-23	1600	L.01	4.8	3.3	L.05	.085	.020
89-10-23	1605	L.01	4.9	3.3	L.05	.088	.020
90-06-04	1201	——	——	——	——	——	——
90-06-04	1205	——	——	——	——	——	——
MAX		.02	4.9	3.7	L.05	.088	.04
MIN		L.01	3.1	3.3	L.05	.075	.020

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 00NF02ZJ1454 SHOAL HARBOUR WATER SUPPLY @ SHOAL HARBOUR R.

DATE	TIME	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)
89-06-15	1201	.18	L.002	L.002	L.01	L.0005	L.001
89-06-15	1205	.18	L.002	L.002	L.01	L.0005	L.001
89-10-23	1600	.18	L.002	L.002	L.01	L.0005	L.001
89-10-23	1605	.19	L.002	L.002	L.01	L.0005	L.001
90-06-04	1201	——	——	——	——	——	——
90-06-04	1205	——	——	——	——	——	——
MAX		.19	L.002	L.002	L.01	L.0005	L.001
MIN		.18	L.002	L.002	L.01	L.0005	L.001

DATE	TIME	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	24004L Cr (MG/L)	16313L SO4 (MG/L)	14109L SiO2 (MG/L)	17704L 2-6-DCP (UG/L)
89-06-15	1201	L.02	L.002	——	——	——	——
89-06-15	1205	L.02	L.002	——	——	——	——
89-10-23	1600	L.02	L.002	.0002	2.63	3.29	——
89-10-23	1605	L.02	L.002	L.0002	2.75	3.2	——
90-06-04	1201	——	——	——	——	——	L.008
90-06-04	1205	——	——	——	——	——	L.008
MAX		L.02	L.002	.0002	2.75	3.29	L.008
MIN		L.02	L.002	L.0002	2.63	3.2	L.008

DATE	TIME	17703L 2-5-DCP (UG/L)	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)	17705L 3-4-DCP (UG/L)	17713L 2-4-6TCP (UG/L)
89-06-15	1201	——	——	——	——	——	——
89-06-15	1205	——	——	——	——	——	——
89-10-23	1600	——	——	——	——	——	——
89-10-23	1605	——	——	——	——	——	——
90-06-04	1201	**IN**	L.008	L.012	L.010	L.010	L.015
90-06-04	1205	**IN**	L.008	L.012	L.010	L.010	L.015
MAX		——	L.008	L.012	L.010	L.010	L.015
MIN		——	L.008	L.012	L.010	L.010	L.015

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 00NF02ZJ1454 SHOAL HARBOUR WATER SUPPLY @ SHOAL HARBOUR R.

DATE	TIME	17712L 2-3-6TCP (UG/L)	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)	17721L 2356 TECP (UG/L)	17720L 2345 TCP (UG/L)
89-06-15	1201	----	----	----	----	----	----
89-06-15	1205	----	----	----	----	----	----
89-10-23	1600	----	----	----	----	----	----
89-10-23	1605	----	----	----	----	----	----
90-06-04	1201	L.010	L.017	L.012	L.011	L.017	L.028
90-06-04	1205	L.010	L.017	L.012	L.011	L.017	L.028
MAX		L.010	L.017	L.012	L.011	L.017	L.028
MIN		L.010	L.017	L.012	L.011	L.017	L.028

DATE	TIME	17804L PCP (UG/L)
89-06-15	1201	----
89-06-15	1205	----
89-10-23	1600	----
89-10-23	1605	----
90-06-04	1201	L.030
90-06-04	1205	L.030
MAX		L.030
MIN		L.030

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02YM0010 SHOE COVE WATER SUPPLY @ INTAKE

DATE	TIME	02061S TEMP (DEG.C.)	10301F pH (UNITS)	02042F SP COND (USIE/CM)	10110L GRAN ALK (MG/L)	20110L Ca (MG/L)	12107L Mg (MG/L)
91-06-17	1230	9.5	5.7	37.5	2.8	1.5	.72
91-06-17	1235	9.5	5.7	37.5	2.4	1.5	.72
91-11-04	1100	——	6.2	36.8	3.8	2.0	.77
91-11-04	1105	——	6.2	36.8	4.0	2.0	.77
MAX		9.5	6.2	37.5	4.0	2.0	.77
MIN		9.5	5.7	36.8	2.4	1.5	.72

DATE	TIME	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)	16309L SO4 (MG/L)	07315L NO3 (MG/L)	06107L DOC (MG/L)
91-06-17	1230	4.2	.22	6.8	1.8	.02	9.5
91-06-17	1235	4.2	.23	7.0	1.8	.03	10.1
91-11-04	1100	4.5	.28	6.3	1.9	.03	13.8
91-11-04	1105	4.5	.31	6.5	1.9	.02	13.8
MAX		4.5	.31	7.0	1.9	.03	13.8
MIN		4.2	.22	6.3	1.8	.02	9.5

DATE	TIME	09105L FLUORIDE (MG/L)	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)	26304L IRON (MG/L)	28302L NICKEL (MG/L)
91-06-17	1230	L.05	.22	.0005	.040	.300	L.002
91-06-17	1235	L.05	.23	.0005	.040	.290	L.002
91-11-04	1100	L.05	.24	.0006	.020	.270	.004
91-11-04	1105	L.05	.24	.0006	.030	.300	.004
MAX		L.05	.24	.0006	.040	.300	.004
MIN		L.05	.22	.0005	.020	.270	L.002

DATE	TIME	29305L COPPER (MG/L)	30304L ZINC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	02011L COLOR (UNITS)
91-06-17	1230	L.002	L.01	L.001	L.02	L.002	120.
91-06-17	1235	L.002	L.01	L.001	L.02	L.002	115.
91-11-04	1100	L.002	L.01	L.001	L.02	L.002	95.
91-11-04	1105	L.002	L.01	L.001	L.02	L.002	100.
MAX		L.002	L.01	L.001	L.02	L.002	120.
MIN		L.002	L.01	L.001	L.02	L.002	95.

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02YM0010 SHOE COVE WATER SUPPLY @ INTAKE

DATE	TIME	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	33007L ARSENIC (MG/L)
91-06-17	1230	36.	.6	6.0	----
91-06-17	1235	36.	.6	5.8	----
91-11-04	1100	38.	.5	6.2	L.0005
91-11-04	1105	38.	.5	6.2	L.0005
MAX		38.	.6	6.2	L.0005
MIN		36.	.5	5.8	L.0005

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 04NF02YM0024 SILVERDALE WATER SUPPLY

DATE	TIME	10101L T ALK (MG/L)	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)
90-06-11	1201	11.	5.0	1.3	8.2	.28	15.6
90-06-11	1205	11.	5.1	1.3	8.3	.28	15.5
90-11-05	0850	11.7	5.0	1.2	8.7	.30	15.5
90-11-05	0855	11.4	5.0	1.2	8.7	.30	16.0
MAX		11.7	5.1	1.3	8.7	.30	16.0
MIN		11.	5.0	1.2	8.2	.28	15.5

DATE	TIME	16313L SO4 (MG/L)	16309L SO4 (MG/L)	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14109L SiO2 (MG/L)	09105L FLUORIDE (MG/L)
90-06-11	1201	3.51	3.4	L.01	2.9	.75	L.05
90-06-11	1205	3.61	3.4	L.01	2.7	.77	L.05
90-11-05	0850	3.5	4.0	L.01	3.0	.59	L.05
90-11-05	0855	3.4	4.0	L.01	3.3	.57	L.05
MAX		3.61	4.0	L.01	3.3	.77	L.05
MIN		3.4	3.4	L.01	2.7	.57	L.05

DATE	TIME	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)	26305L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)
90-06-11	1201	.018	L.0002	.01	.018	L.002	L.002
90-06-11	1205	.012	L.0002	.01	.019	L.002	L.002
90-11-05	0850	L.010	L.0002	L.010	.021	L.002	L.002
90-11-05	0855	L.010	L.0002	L.010	.023	L.002	L.002
MAX		.018	L.0002	.01	.023	L.002	L.002
MIN		L.010	L.0002	L.010	.018	L.002	L.002

DATE	TIME	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	10301L pH (UNITS)
90-06-11	1201	L.01	L.0005	L.001	L.02	L.002	7.1
90-06-11	1205	L.01	L.0005	L.001	L.02	L.002	7.1
90-11-05	0850	L.01	L.0005	L.001	L.02	L.002	7.1
90-11-05	0855	L.01	L.0005	L.001	L.02	L.002	7.1
MAX		L.01	L.0005	L.001	L.02	L.002	7.1
MIN		L.01	L.0005	L.001	L.02	L.002	7.1

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 04NF02YM0024 SILVERDALE WATER SUPPLY

DATE	TIME	02073L TURB (JTU)	02041L SP COND (USIE/CM)	02011L COLOR (UNITS)	07315L NO3 (MG/L)
90-06-11	1201	.2	83.8	L5.	----
90-06-11	1205	.2	84.4	L5.	----
90-11-05	0850	.3	87.	L5.	L.05
90-11-05	0855	.3	87.	L5.	L.05
MAX		.3	87.	L5.	L.05
MIN		.2	83.8	L5.	L.05

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 04NF02ZL0034 SPANIARDS BAY WATER SUPPLY AT ROCKY POND

DATE	TIME	10101L T ALK (MG/L)	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)
90-06-05	1201	2.8	1.4	.56	4.6	.28	7.0
90-06-05	1205	3.0	1.4	.55	4.5	.27	7.0
90-11-14	1530	4.0	1.5	.65	4.4	.22	6.4
90-11-14	1531	3.9	1.5	.65	4.4	.21	6.4
MAX		4.0	1.5	.65	4.6	.28	7.0
MIN		2.8	1.4	.55	4.4	.21	6.4

DATE	TIME	16313L SO4 (MG/L)	16309L SO4 (MG/L)	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14109L SiO2 (MG/L)	09105L FLUORIDE (MG/L)
90-06-05	1201	2.07	2.0	.02	1.7	1.3	L.05
90-06-05	1205	2.67	2.6	.02	1.7	1.3	L.05
90-11-14	1530	2.7	2.8	.04	2.4	3.1	L.05
90-11-14	1531	2.6	2.5	.04	2.4	3.0	L.05
MAX		2.7	2.8	.04	2.4	3.1	L.05
MIN		2.07	2.0	.02	1.7	1.3	L.05

DATE	TIME	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)	26305L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)
90-06-05	1201	.032	L.0002	L.01	.036	L.002	L.002
90-06-05	1205	.028	L.0002	.01	.037	L.002	L.002
90-11-14	1530	.042	.0002	L.01	----	L.002	L.002
90-11-14	1531	.040	L.0002	.01	.045	L.002	L.002
MAX		.042	.0002	.01	.045	L.002	L.002
MIN		.028	L.0002	L.01	.036	L.002	L.002

DATE	TIME	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	02011L COLOR (UNITS)
90-06-05	1201	L.01	L.0005	L.001	L.02	L.002	L5.
90-06-05	1205	L.01	L.0005	L.001	L.02	L.002	L5.
90-11-14	1530	L.01	L.0005	L.001	L.02	L.002	15.
90-11-14	1531	L.01	L.0005	L.001	L.02	L.002	15.
MAX		L.01	L.0005	L.001	L.02	L.002	15.
MIN		L.01	L.0005	L.001	L.02	L.002	L5.

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 04NF02ZL0034 SPANIARDS BAY WATER SUPPLY AT ROCKY POND

DATE	TIME	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	07315L NO3 (MG/L)	26304L IRON (MG/L)
90-06-05	1201	39.0	.3	6.5	----	----
90-06-05	1205	39.1	.3	6.5	----	----
90-11-14	1530	39.5	.3	6.7	L.05	.05
90-11-14	1531	39.5	.3	6.7	.05	----
MAX		39.5	.3	6.7	.05	.05
MIN		39.0	.3	6.5	L.05	.05

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02YM0009 SPRINGDALE WATER SUPPLY @ SULLIVANS PD.

DATE	TIME	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	10101L T ALK (MG/L)	20110L Ca (MG/L)
89-10-24	1330	10.	53.	.5	7.0	17.7	6.4
89-10-24	1335	10.	54.	.5	7.1	17.8	6.6
MAX		10.	54.	.5	7.1	17.8	6.6
MIN		10.	53.	.5	7.0	17.7	6.4

DATE	TIME	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)	16304L SO4 (MG/L)	16309L SO4 (MG/L)
89-10-24	1330	1.2	2.0	.15	2.5	**TC**	2.3
89-10-24	1335	1.2	2.0	.15	2.5	**TC**	2.3
MAX		1.2	2.0	.15	2.5	----	2.3
MIN		1.2	2.0	.15	2.5	----	2.3

DATE	TIME	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14102L Si (MG/L)	09105L FLUORIDE (MG/L)	13305L Al (MG/L)	25304L Mn (MG/L)
89-10-24	1330	L.01	3.0	1.4	L.05	.010	.030
89-10-24	1335	L.01	3.2	1.4	L.05	.010	.300
MAX		L.01	3.2	1.4	L.05	.010	.300
MIN		L.01	3.0	1.4	L.05	.010	.030

DATE	TIME	26305L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)
89-10-24	1330	.05	L.002	L.002	L.01	L.0005	L.001
89-10-24	1335	----	L.002	L.002	L.01	L.0005	L.001
MAX		.05	L.002	L.002	L.01	L.0005	L.001
MIN		.05	L.002	L.002	L.01	L.0005	L.001

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02YM0009 SPRINGDALE WATER SUPPLY @ SULLIVANS PD.

DATE	TIME	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	24004L Cr (MG/L)	16313L SO4 (MG/L)	14109L SiO2 (MG/L)	26304L IRON (MG/L)
89-10-24	1330	L.02	L.002	L.0002	2.36	1.45	----
89-10-24	1335	L.02	L.002	L.0002	2.39	1.42	.09
MAX		L.02	L.002	L.0002	2.39	1.45	.09
MIN		L.02	L.002	L.0002	2.36	1.42	.09

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 04NF02ZL0038 WHITEWAY WATER SUPPLY AT JIMMY ROWES PD

DATE	TIME	10101L T ALK (MG/L)	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)
90-06-05	1201	2.1	1.3	.59	4.0	.39	6.8
90-06-05	1205	2.0	1.3	.60	4.2	.42	6.7
90-11-14	1000	2.4	1.2	.66	4.9	.40	7.2
90-11-14	1005	2.3	1.2	.67	4.9	.41	6.9
MAX		2.4	1.3	.67	4.9	.42	7.2
MIN		2.0	1.2	.59	4.0	.39	6.7

DATE	TIME	16313L SO4 (MG/L)	16309L SO4 (MG/L)	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14109L SiO2 (MG/L)	09105L FLUORIDE (MG/L)
90-06-05	1201	2.7	2.3	L.01	5.0	1.5	L.05
90-06-05	1205	2.7	2.7	L.01	4.7	1.4	L.05
90-11-14	1000	2.8	2.8	.04	6.7	2.3	L.05
90-11-14	1005	2.9	2.8	.05	6.7	2.3	L.05
MAX		2.9	2.8	.05	6.7	2.3	L.05
MIN		2.7	2.3	L.01	4.7	1.4	L.05

DATE	TIME	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)
90-06-05	1201	.11	L.0002	.01	.07	L.002	L.002
90-06-05	1205	.10	L.0002	.01	.07	L.002	L.002
90-11-14	1000	.14	L.0002	.02	.10	L.002	L.002
90-11-14	1005	.15	.0003	.02	.11	L.002	L.002
MAX		.15	.0003	.02	.11	L.002	L.002
MIN		.10	L.0002	.01	.07	L.002	L.002

DATE	TIME	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	02011L COLOR (UNITS)
90-06-05	1201	L.01	L.0005	L.001	L.02	L.002	10.
90-06-05	1205	L.01	L.0005	L.001	L.02	L.002	15.
90-11-14	1000	L.01	L.0005	L.001	L.02	L.002	35.
90-11-14	1005	L.01	L.0005	L.001	L.02	L.002	35.
MAX		L.01	L.0005	L.001	L.02	L.002	35.
MIN		L.01	L.0005	L.001	L.02	L.002	10.

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 04NF02ZL0038 WHITEWAY WATER SUPPLY AT JIMMY ROMES PD

DATE	TIME	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	07315L NO3 (MG/L)
90-06-05	1201	38.1	.5	6.2	——
90-06-05	1205	37.2	.4	6.2	——
90-11-14	1000	41.	.4	6.2	.05
90-11-14	1005	41.	.5	6.3	.05
MAX		41.	.5	6.3	.05
MIN		37.2	.4	6.2	.05

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 04NF02ZL0037 WINTERTON WATER SUPPLY AT WESTERN POND

DATE	TIME	10101L T ALK (MG/L)	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)
90-06-05	1201	2.1	1.3	.63	4.4	.31	7.1
90-06-05	1205	2.3	1.3	.64	4.4	.31	7.2
90-11-14	1100	1.8	1.1	.60	4.4	.26	6.4
90-11-14	1105	2.2	1.1	.60	4.4	.27	6.7
MAX		2.3	1.3	.64	4.4	.31	7.2
MIN		1.8	1.1	.60	4.4	.26	6.4

DATE	TIME	16313L SO4 (MG/L)	16309L SO4 (MG/L)	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14109L SiO2 (MG/L)	09105L FLUORIDE (MG/L)
90-06-05	1201	2.76	2.8	L.01	4.6	1.9	L.05
90-06-05	1205	3.20	3.1	L.01	4.6	1.9	L.05
90-11-14	1100	2.4	2.5	.03	4.7	1.6	L.05
90-11-14	1105	2.6	2.6	.03	4.7	1.6	L.05
MAX		3.20	3.1	.03	4.7	1.9	L.05
MIN		2.4	2.5	L.01	4.6	1.6	L.05

DATE	TIME	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)
90-06-05	1201	.11	.0004	.01	.08	L.002	L.002
90-06-05	1205	.11	.0003	.02	.07	L.002	L.002
90-11-14	1100	.066	L.0002	.01	——	L.002	L.002
90-11-14	1105	.066	L.0002	.01	——	L.002	L.002
MAX		.11	.0004	.02	.08	L.002	L.002
MIN		.066	L.0002	.01	.07	L.002	L.002

DATE	TIME	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	02011L COLOR (UNITS)
90-06-05	1201	L.01	L.0005	L.001	L.02	L.002	20.
90-06-05	1205	L.01	L.0005	L.001	L.02	L.002	20.
90-11-14	1100	L.01	L.0005	L.001	L.02	L.002	20.
90-11-14	1105	L.01	L.0005	L.001	L.02	L.002	20.
MAX		L.01	L.0005	L.001	L.02	L.002	20.
MIN		L.01	L.0005	L.001	L.02	L.002	20.

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 04NF02ZL0037 WINTERTON WATER SUPPLY AT WESTERN POND

DATE	TIME	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	07315L NO3 (MG/L)	26305L IRON (MG/L)
90-06-05	1201	38.1	.4	6.2	——	——
90-06-05	1205	38.2	.4	6.2	——	——
90-11-14	1100	37.5	.3	6.4	L.05	.05
90-11-14	1105	37.5	.3	6.4	L.05	.05
MAX		38.2	.4	6.4	L.05	.05
MIN		37.5	.3	6.2	L.05	.05

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 00NF02ZA0022 ST. GEORGES WATER SUPPLY

DATE	TIME	10101L T ALK (MG/L)	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)
90-06-01	1201	8.6	6.3	.73	5.5	.36	7.1
90-06-01	1205	9.0	6.3	.73	4.6	.26	7.1
90-11-09	1530	10.5	7.7	.97	5.7	.31	7.6
90-11-09	1531	9.8	7.6	.96	5.7	.33	7.9
MAX		10.5	7.7	.97	5.7	.36	7.9
MIN		8.6	6.3	.73	4.6	.26	7.1

DATE	TIME	16313L SO4 (MG/L)	16309L SO4 (MG/L)	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14109L SiO2 (MG/L)	09105L FLUORIDE (MG/L)
90-06-01	1201	9.16	8.1	.06	8.0	4.6	L.05
90-06-01	1205	9.11	8.1	.06	8.0	4.6	L.05
90-11-09	1530	10.1	9.3	.09	9.8	4.8	L.05
90-11-09	1531	10.1	9.8	.09	13.8	4.6	L.05
MAX		10.1	9.8	.09	13.8	4.8	L.05
MIN		9.11	8.1	.06	8.0	4.6	L.05

DATE	TIME	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)
90-06-01	1201	.20	.0004	L.01	.180	L.002	L.002
90-06-01	1205	.20	.0004	L.01	.180	L.002	L.002
90-11-09	1530	.24	.0003	L.010	.22	L.002	L.002
90-11-09	1531	.22	.0005	.010	.19	L.002	L.002
MAX		.24	.0005	.010	.22	L.002	L.002
MIN		.20	.0003	L.010	.180	L.002	L.002

DATE	TIME	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	10301L pH (UNITS)
90-06-01	1201	L.01	L.0005	L.001	L.02	L.002	6.8
90-06-01	1205	L.01	L.0005	L.001	L.02	L.002	6.9
90-11-09	1530	L.01	L.0005	L.001	L.02	L.002	6.9
90-11-09	1531	L.01	L.0005	L.001	L.02	L.002	6.9
MAX		L.01	L.0005	L.001	L.02	L.002	6.9
MIN		L.01	L.0005	L.001	L.02	L.002	6.8

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 00NF02ZA0022 ST. GEORGES WATER SUPPLY

DATE	TIME	02073L TURB (JTU)	02041L SP COND (USIE/CM)	02011L COLOR (UNITS)	02061S TEMP (DEG.C.)	02065S TEMP (DEG.C.)	10301F pH (UNITS)
90-06-01	1201	.4	66.4	90.	----	----	----
90-06-01	1205	.5	67.8	90.	----	----	----
90-11-09	1530	.5	77.5	90.	2.0	2.8	6.4
90-11-09	1531	.6	77.5	90.	2.0	2.8	6.4
MAX		.6	77.5	90.	2.0	2.8	6.4
MIN		.4	66.4	90.	2.0	2.8	6.4

DATE	TIME	02042S SP COND (USIE/CM)	08102S DO (MG/L)	07315L NO3 (MG/L)
90-06-01	1201	----	----	----
90-06-01	1205	----	----	----
90-11-09	1530	79.8	13.3	.07
90-11-09	1531	79.8	13.3	.08
MAX		79.8	13.3	.08
MIN		79.8	13.3	.07

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 00NF02ZG0023 ST. LAWRENCE WATER SUPPLY

DATE	TIME	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	06107L DOC (MG/L)	09105L FLUORIDE (MG/L)
91-06-04	1145	1.1	.49	4.4	.29	2.2	.12
91-06-04	1147	1.1	.48	4.4	.26	2.5	.12
91-10-23	1300	1.03	.46	3.8	.29	3.5	.12
91-10-23	1305	1.03	.46	3.9	.31	3.4	.12
MAX		1.1	.49	4.4	.31	3.5	.12
MIN		1.03	.46	3.8	.26	2.2	.12

DATE	TIME	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)
91-06-04	1145	.062	L.0002	.020	.13	L.002	L.002
91-06-04	1147	.068	L.0002	L.010	.13	L.002	L.002
91-10-23	1300	.085	L.0002	.020	.160	L.002	L.002
91-10-23	1305	.085	L.0002	.030	.160	L.002	L.002
MAX		.085	L.0002	.030	.160	L.002	L.002
MIN		.062	L.0002	L.010	.13	L.002	L.002

DATE	TIME	30304L ZINC (MG/L)	48302L CADMIUM (MG/L)	82302L LEAD (MG/L)	02073L TURB (JTU)	10301L pH (UNITS)	17209L Cl (MG/L)
91-06-04	1145	L.01	L.001	L.002	.5	6.4	6.8
91-06-04	1147	L.01	L.001	L.002	.5	6.3	6.8
91-10-23	1300	L.01	L.001	L.002	.5	6.1	5.9
91-10-23	1305	L.01	L.001	L.002	.5	6.3	5.9
MAX		L.01	L.001	L.002	.5	6.4	6.8
MIN		L.01	L.001	L.002	.5	6.1	5.9

DATE	TIME	16309L SO4 (MG/L)	07315L NO3 (MG/L)	80315L MERCURY (UG/L)	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	10110L GRAN ALK (MG/L)
91-06-04	1145	2.	.02	L.02	20.	33.	2.3
91-06-04	1147	2.	.02	L.02	20.	33.	2.0
91-10-23	1300	2.0	.02	L.02	25.	31.	2.0
91-10-23	1305	1.9	.02	L.02	25.	31.	2.2
MAX		2.	.02	L.02	25.	33.	2.3
MIN		1.9	.02	L.02	20.	31.	2.0

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 00NF02ZG0023 ST. LAWRENCE WATER SUPPLY

DATE	TIME	33007L ARSENIC (MG/L)
91-06-04	1145	----
91-06-04	1147	----
91-10-23	1300	L.0005
91-10-23	1305	L.0005
MAX		L.0005
MIN		L.0005

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02YE0021 ST. PAULS WATER SUPPLY AT TWO MILE POND

DATE	TIME	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	10110L GRAN ALK (MG/L)	20110L Ca (MG/L)
89-06-20	1202	130.	803.	2.1	5.9	1.5	5.7
89-06-20	1206	130.	818.	2.3	5.9	1.7	5.7
89-10-25	1315	**IN**	128.	15.	7.1	——	9.5
89-10-25	1320	**IN**	128.	15.	7.1	——	9.5
MAX		130.	818.	15.	7.1	1.7	9.5
MIN		130.	128.	2.1	5.9	1.5	5.7

DATE	TIME	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)	16304L SO4 (MG/L)	16309L SO4 (MG/L)
89-06-20	1202	14.	117.	5.1	216.	31.8	29.
89-06-20	1206	14.	5.1	1.7	216.	30.1	29.
89-10-25	1315	2.5	11.4	.58	19.4	**TC**	4.0
89-10-25	1320	2.5	11.4	.59	19.5	**TC**	4.1
MAX		14.	117.	5.1	216.	31.8	29.
MIN		2.5	5.1	.58	19.4	30.1	4.0

DATE	TIME	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14102L Si (MG/L)	09105L FLUORIDE (MG/L)	13305L Al (MG/L)	25304L Mn (MG/L)
89-06-20	1202	L.01	6.0	.55	.05	.21	.03
89-06-20	1206	L.01	6.0	.55	.05	.21	.03
89-10-25	1315	L.01	7.1	1.75	L.05	.26	.050
89-10-25	1320	L.01	7.6	1.7	L.05	.26	.050
MAX		L.01	7.6	1.75	.05	.26	.050
MIN		L.01	6.0	.55	L.05	.21	.03

DATE	TIME	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)
89-06-20	1202	.40	L.002	L.002	L.01	L.0005	L.001
89-06-20	1206	.39	L.002	L.002	L.01	L.0005	L.001
89-10-25	1315	.78	L.002	L.002	L.01	L.0005	L.001
89-10-25	1320	.77	L.002	L.002	L.01	L.0005	L.001
MAX		.78	L.002	L.002	L.01	L.0005	L.001
MIN		.39	L.002	L.002	L.01	L.0005	L.001

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02YE0021 ST. PAULS WATER SUPPLY AT TWO MILE POND

DATE	TIME	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	10101L T ALK (MG/L)	24004L Cr (MG/L)	16313L SO4 (MG/L)	14109L SiO2 (MG/L)
89-06-20	1202	L.02	L.002	----	----	----	----
89-06-20	1206	L.02	L.002	----	----	----	----
89-10-25	1315	L.02	.002	25.2	.0006	4.29	1.85
89-10-25	1320	L.02	.002	25.5	.0008	4.33	1.89
MAX		L.02	.002	25.5	.0008	4.33	1.89
MIN		L.02	L.002	25.2	.0006	4.29	1.85

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 00NF02YL0034 STEADY BROOK WATER SUPPLY

DATE	TIME	17704L 2-6-DCP (UG/L)	17703L 2-5-DCP (UG/L)	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)	17705L 3-4-DCP (UG/L)
90-06-01	1201	——	——	——	——	——	——
90-06-01	1202	L.008	**IN**	L.008	L.012	L.010	L.010
90-06-01	1205	——	——	——	——	——	——
90-06-01	1206	L.008	**IN**	L.008	L.012	L.010	L.010
90-10-26	1130	——	——	——	——	——	——
90-10-26	1131	——	——	——	——	——	——
MAX		L.008	——	L.008	L.012	L.010	L.010
MIN		L.008	——	L.008	L.012	L.010	L.010

DATE	TIME	17713L 2-4-6TCP (UG/L)	17712L 2-3-6TCP (UG/L)	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)	17721L 2356 TECP (UG/L)
90-06-01	1201	——	——	——	——	——	——
90-06-01	1202	L.015	L.010	L.017	L.012	L.011	L.017
90-06-01	1205	——	——	——	——	——	——
90-06-01	1206	L.015	L.010	L.017	L.012	L.011	L.017
90-10-26	1130	——	——	——	——	——	——
90-10-26	1131	——	——	——	——	——	——
MAX		L.015	L.010	L.017	L.012	L.011	L.017
MIN		L.015	L.010	L.017	L.012	L.011	L.017

DATE	TIME	17720L 2345 TCP (UG/L)	17804L PCP (UG/L)	10110L GRAN ALK (MG/L)	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)
90-06-01	1201	——	——	1.1	1.0	.34	1.7
90-06-01	1202	L.028	L.030	——	——	——	——
90-06-01	1205	——	——	1.1	1.1	.28	1.7
90-06-01	1206	L.028	L.030	——	——	——	——
90-10-26	1130	——	——	1.6	1.7	.47	2.2
90-10-26	1131	——	——	1.5	1.7	.47	2.2
MAX		L.028	L.030	1.6	1.7	.47	2.2
MIN		L.028	L.030	1.1	1.0	.28	1.7

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 00NF02YL0034 STEADY BROOK WATER SUPPLY

DATE	TIME	19103L K (MG/L)	17209L Cl (MG/L)	16313L SO4 (MG/L)	16309L SO4 (MG/L)	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)
90-06-01	1201	.20	2.0	2.25	1.6	L.01	5.6
90-06-01	1202	----	----	----	----	----	----
90-06-01	1205	.20	2.0	2.23	1.6	L.01	5.7
90-06-01	1206	----	----	----	----	----	----
90-10-26	1130	.28	3.5	2.9	2.0	.05	7.6
90-10-26	1131	.26	3.6	2.9	2.1	.01	8.6
MAX		.28	3.6	2.9	2.1	.05	8.6
MIN		.20	2.0	2.23	1.6	L.01	5.6

DATE	TIME	14109L SiO2 (MG/L)	09105L FLUORIDE (MG/L)	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)	26304L IRON (MG/L)
90-06-01	1201	1.5	L.05	.13	L.0002	.02	.180
90-06-01	1202	----	----	----	----	----	----
90-06-01	1205	1.4	L.05	.13	L.0002	.02	.180
90-06-01	1206	----	----	----	----	----	----
90-10-26	1130	2.3	L.05	.16	L.0002	.030	.30
90-10-26	1131	2.3	L.05	.17	L.0002	.030	.30
MAX		2.3	L.05	.17	L.0002	.030	.30
MIN		1.4	L.05	.13	L.0002	.02	.180

DATE	TIME	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)
90-06-01	1201	L.002	L.002	L.01	L.0005	L.001	L.02
90-06-01	1202	----	----	----	----	----	----
90-06-01	1205	L.002	L.002	L.01	L.0005	L.001	L.02
90-06-01	1206	----	----	----	----	----	----
90-10-26	1130	L.002	L.002	L.01	L.0005	L.001	L.02
90-10-26	1131	L.002	L.002	L.01	L.0005	L.001	L.02
MAX		L.002	L.002	L.01	L.0005	L.001	L.02
MIN		L.002	L.002	L.01	L.0005	L.001	L.02

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 00NF02YL0034 STEADY BROOK WATER SUPPLY

DATE	TIME	82302L LEAD (MG/L)	10301L pH (UNITS)	02073L TURB (JTU)	02041L SP COND (USIE/CM)	02011L COLOR (UNITS)	02061S TEMP (DEG.C.)
90-06-01	1201	L.002	5.7	.4	18.2	50.	----
90-06-01	1202	----	----	----	----	----	----
90-06-01	1205	L.002	5.7	.4	18.4	50.	----
90-06-01	1206	----	----	----	----	----	----
90-10-26	1130	L.002	5.8	.6	27.2	60.	5.0
90-10-26	1131	L.002	5.8	.4	27.2	60.	5.0
MAX		L.002	5.8	.6	27.2	60.	5.0
MIN		L.002	5.7	.4	18.2	50.	5.0

DATE	TIME	02065S TEMP (DEG.C.)	10301F pH (UNITS)	02042S SP COND (USIE/CM)	08102S DO (MG/L)	07315L NO3 (MG/L)
90-06-01	1201	----	----	----	----	----
90-06-01	1202	----	----	----	----	----
90-06-01	1205	----	----	----	----	----
90-06-01	1206	----	----	----	----	----
90-10-26	1130	5.6	4.9	26.4	11.8	L.05
90-10-26	1131	5.6	4.9	26.4	11.8	L.05
MAX		5.6	4.9	26.4	11.8	L.05
MIN		5.6	4.9	26.4	11.8	L.05

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02ZA0012 STEPHENVILLE WATER SUPPLY-NOELS POND

DATE	TIME	17704L 2-6-DCP (UG/L)	17703L 2-5-DCP (UG/L)	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)	17705L 3-4-DCP (UG/L)
89-06-12	1530	L.03	L.02	L.02	L.04	L.03	L.04
89-06-12	1531	——	——	——	——	——	——
89-06-12	1535	——	——	——	——	——	——
89-10-27	1530	L.03	L.02	L.02	L.04	L.03	L.04
89-10-27	1531	——	——	——	——	——	——
89-10-27	1535	L.03	L.02	L.02	L.04	L.03	L.04
89-10-27	1536	——	——	——	——	——	——
MAX		L.03	L.02	L.02	L.04	L.03	L.04
MIN		L.03	L.02	L.02	L.04	L.03	L.04

DATE	TIME	17713L 2-4-6TCP (UG/L)	17712L 2-3-6TCP (UG/L)	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)	17721L 2356 TECP (UG/L)
89-06-12	1530	L.03	L.01	L.01	L.02	L.02	L.005
89-06-12	1531	——	——	——	——	——	——
89-06-12	1535	——	——	——	——	——	——
89-10-27	1530	L.03	L.01	L.01	L.02	L.02	L.005
89-10-27	1531	——	——	——	——	——	——
89-10-27	1535	L.03	L.01	L.01	L.02	L.02	L.005
89-10-27	1536	——	——	——	——	——	——
MAX		L.03	L.01	L.01	L.02	L.02	L.005
MIN		L.03	L.01	L.01	L.02	L.02	L.005

DATE	TIME	17720L 2345 TCP (UG/L)	17804L PCP (UG/L)	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)
89-06-12	1530	L.005	.002	——	——	——	——
89-06-12	1531	——	——	20.	109.	.4	7.7
89-06-12	1535	——	——	20.	109.	.3	7.7
89-10-27	1530	L.005	.002	——	——	——	——
89-10-27	1531	——	——	70.	127.	.8	7.5
89-10-27	1535	L.005	.003	——	——	——	——
89-10-27	1536	——	——	70.	129.	.8	7.5
MAX		L.005	.003	70.	129.	.8	7.7
MIN		L.005	.002	20.	109.	.3	7.5

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02ZA0012 STEPHENVILLE WATER SUPPLY-NOELS POND

DATE	TIME	10101L T ALK (MG/L)	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)
89-06-12	1530	----	----	----	----	----	----
89-06-12	1531	36.6	13.	2.3	4.9	.38	5.7
89-06-12	1535	36.5	13.	2.4	4.7	.38	5.7
89-10-27	1530	----	----	----	----	----	----
89-10-27	1531	45.2	16.	2.8	5.3	.45	8.3
89-10-27	1535	----	----	----	----	----	----
89-10-27	1536	45.0	16.	3.0	5.5	.46	8.2
MAX		45.2	16.	3.0	5.5	.46	8.3
MIN		36.5	13.	2.3	4.7	.38	5.7

DATE	TIME	16304L SO4 (MG/L)	16309L SO4 (MG/L)	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14102L Si (MG/L)	09105L FLUORIDE (MG/L)
89-06-12	1530	----	----	----	----	----	----
89-06-12	1531	3.0	2.4	.08	3.8	2.0	L.05
89-06-12	1535	3.0	2.4	.13	3.5	2.0	L.05
89-10-27	1530	----	----	----	----	----	----
89-10-27	1531	4.1	3.6	.06	5.5	2.7	L.05
89-10-27	1535	----	----	----	----	----	----
89-10-27	1536	4.0	3.6	.08	5.5	2.7	L.05
MAX		4.1	3.6	.13	5.5	2.7	L.05
MIN		3.0	2.4	.06	3.5	2.0	L.05

DATE	TIME	13305L Al (MG/L)	25304L Mn (MG/L)	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)
89-06-12	1530	----	----	----	----	----	----
89-06-12	1531	.043	L.01	.08	L.002	L.002	L.01
89-06-12	1535	.037	L.01	.07	L.002	L.002	L.01
89-10-27	1530	----	----	----	----	----	----
89-10-27	1531	.062	L.010	.14	L.002	L.002	L.01
89-10-27	1535	----	----	----	----	----	----
89-10-27	1536	.067	.010	.15	L.002	L.002	L.01
MAX		.067	.010	.15	L.002	L.002	L.01
MIN		.037	L.010	.07	L.002	L.002	L.01

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02ZA0012 STEPHENVILLE WATER SUPPLY-NOELS POND

DATE	TIME	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	24004L Cr (MG/L)	16313L SO4 (MG/L)
89-06-12	1530	——	——	——	——	——	——
89-06-12	1531	L.0005	L.001	L.02	L.002	——	——
89-06-12	1535	L.0005	L.001	L.02	L.002	——	——
89-10-27	1530	——	——	——	——	——	——
89-10-27	1531	L.0005	L.001	L.02	L.002	.0002	4.0
89-10-27	1535	——	——	——	——	——	——
89-10-27	1536	L.0005	L.001	L.02	L.002	.0003	3.94
MAX		L.0005	L.001	L.02	L.002	.0003	4.0
MIN		L.0005	L.001	L.02	L.002	.0002	3.94

DATE	TIME	14109L SiO2 (MG/L)
89-06-12	1530	——
89-06-12	1531	——
89-06-12	1535	——
89-10-27	1530	——
89-10-27	1531	2.78
89-10-27	1535	——
89-10-27	1536	2.79
MAX		2.79
MIN		2.78

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02ZA0012 STEPHENVILLE WATER SUPPLY-NOELS POND

DATE	TIME	02061S TEMP (DEG.C.)	02065S TEMP (DEG.C.)	10301F pH (UNITS)	02042F SP COND (USIE/CM)	08102S DO (MG/L)	20110L Ca (MG/L)
91-06-18	1630	11.0	10.7	7.9	104.8	10.0	13.5
91-06-18	1631	11.0	10.7	7.9	104.8	10.0	13.5
91-10-22	1201	----	----	7.7	114.	----	15.4
91-10-22	1210	----	----	7.7	114.	----	16.
MAX		11.0	10.7	7.9	114.	10.0	16.
MIN		11.0	10.7	7.7	104.8	10.0	13.5

DATE	TIME	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)	16309L SO4 (MG/L)	07315L NO3 (MG/L)
91-06-18	1630	2.3	4.3	.32	6.9	2.9	.12
91-06-18	1631	2.3	4.5	.37	7.3	3.1	.13
91-10-22	1201	2.7	5.1	.45	5.6	3.0	.7
91-10-22	1210	2.7	5.0	.45	6.0	3.2	.8
MAX		2.7	5.1	.45	7.3	3.2	.8
MIN		2.3	4.3	.32	5.6	2.9	.12

DATE	TIME	06107L DOC (MG/L)	09105L FLUORIDE (MG/L)	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)	26304L IRON (MG/L)
91-06-18	1630	3.0	L.05	.042	.0002	.010	.090
91-06-18	1631	2.9	L.05	.042	L.0002	.020	.090
91-10-22	1201	5.8	L.05	.052	.0003	.010	.140
91-10-22	1210	5.1	L.05	.058	.0003	.020	.120
MAX		5.8	L.05	.058	.0003	.020	.140
MIN		2.9	L.05	.042	L.0002	.010	.090

DATE	TIME	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)
91-06-18	1630	L.002	L.002	L.01	L.001	L.02	L.002
91-06-18	1631	L.002	L.002	L.01	L.001	L.02	L.002
91-10-22	1201	L.002	L.002	L.01	L.001	L.02	L.002
91-10-22	1210	L.002	L.002	L.01	L.001	L.02	L.002
MAX		L.002	L.002	L.01	L.001	L.02	L.002
MIN		L.002	L.002	L.01	L.001	L.02	L.002

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02ZA0012 STEPHENVILLE WATER SUPPLY-NOELS POND

DATE	TIME	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	10110L GRAN ALK (MG/L)	33007L ARSENIC (MG/L)
91-06-18	1630	35.	105.	.6	7.7	38.8	----
91-06-18	1631	40.	105.	.5	7.7	38.7	----
91-10-22	1201	45.	118.	.9	7.5	46.3	L.0005
91-10-22	1210	45.	120.	.8	7.9	46.5	L.0005
MAX		45.	120.	.9	7.9	46.5	L.0005
MIN		35.	105.	.5	7.5	38.7	L.0005

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02YQ0039 STONEVILLE WATER SUPPLY AT DOG BAY POND

DATE	TIME	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	10101L T ALK (MG/L)	20110L Ca (MG/L)
89-06-14	1213	20.	39.	.4	6.8	6.2	2.7
89-06-14	1214	20.	39.	.3	6.8	6.3	2.7
89-10-31	1015	30.	43.	.6	6.8	8.3	3.1
89-10-31	1020	30.	44.	.6	6.8	8.2	3.1
MAX		30.	44.	.6	6.8	8.3	3.1
MIN		20.	39.	.3	6.8	6.2	2.7

DATE	TIME	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)	16304L SO4 (MG/L)	16309L SO4 (MG/L)
89-06-14	1213	.82	3.3	.18	5.8	2.3	1.9
89-06-14	1214	.83	3.5	.19	5.8	2.3	1.9
89-10-31	1015	1.0	3.5	.30	5.3	**TC**	1.7
89-10-31	1020	1.0	3.5	.29	5.4	**TC**	1.7
MAX		1.0	3.5	.30	5.8	2.3	1.9
MIN		.82	3.3	.18	5.3	2.3	1.7

DATE	TIME	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14102L Si (MG/L)	09105L FLUORIDE (MG/L)	13305L Al (MG/L)	25304L Mn (MG/L)
89-06-14	1213	.03	4.4	1.0	L.05	.032	.02
89-06-14	1214	L.01	4.6	.9	L.05	.032	.03
89-10-31	1015	L.01	4.6	1.1	L.05	.027	.020
89-10-31	1020	L.01	4.7	1.1	L.05	.023	.020
MAX		.03	4.7	1.1	L.05	.032	.03
MIN		L.01	4.4	.9	L.05	.023	.02

DATE	TIME	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)
89-06-14	1213	.06	L.002	L.002	L.01	L.0005	L.001
89-06-14	1214	.06	L.002	L.002	L.01	L.0005	L.001
89-10-31	1015	.11	L.002	L.002	L.01	L.0005	L.001
89-10-31	1020	.09	L.002	L.002	L.01	L.0005	L.001
MAX		.11	L.002	L.002	L.01	L.0005	L.001
MIN		.06	L.002	L.002	L.01	L.0005	L.001

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02YQ0039 STONEVILLE WATER SUPPLY AT DOG BAY POND

DATE	TIME	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	24004L Cr (MG/L)	16313L SO4 (MG/L)	14109L SiO2 (MG/L)
89-06-14	1213	L.02	L.002	——	——	——
89-06-14	1214	L.02	L.002	——	——	——
89-10-31	1015	L.02	L.002	.0003	2.21	1.18
89-10-31	1020	L.02	L.002	.0003	2.08	1.12
MAX		L.02	L.002	.0003	2.21	1.18
MIN		L.02	L.002	.0003	2.08	1.12

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 04NF02YD0117 SUMMERFORD WATER SUPPLY AT LONG POND

DATE	TIME	10101L T ALK (MG/L)	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)
90-06-15	1201	45.5	21.	1.9	11.2	.46	20.9
90-06-15	1205	44.2	21.	1.9	11.1	.49	21.2
90-11-15	1355	42.6	19.7	1.9	12.1	.51	20.8
90-11-15	1400	43.2	19.7	1.9	11.9	.51	20.4
MAX		45.5	21.	1.9	12.1	.51	21.2
MIN		42.6	19.7	1.9	11.1	.46	20.4

DATE	TIME	16313L SO4 (MG/L)	16309L SO4 (MG/L)	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14109L SiO2 (MG/L)	09105L FLUORIDE (MG/L)
90-06-15	1201	7.77	6.9	L.01	8.1	1.7	L.05
90-06-15	1205	7.62	6.9	L.01	8.1	1.7	L.05
90-11-15	1355	7.5	7.5	L.01	8.0	1.7	L.05
90-11-15	1400	7.3	7.4	L.01	8.2	1.6	L.05
MAX		7.77	7.5	L.01	8.2	1.7	L.05
MIN		7.3	6.9	L.01	8.0	1.6	L.05

DATE	TIME	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)
90-06-15	1201	.045	.0002	.01	.05	L.002	L.002
90-06-15	1205	.052	.0003	.01	.050	L.002	L.002
90-11-15	1355	.047	.0002	L.010	.05	L.002	L.002
90-11-15	1400	.045	L.0002	L.010	.05	L.002	L.002
MAX		.052	.0003	.01	.05	L.002	L.002
MIN		.045	L.0002	L.010	.05	L.002	L.002

DATE	TIME	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	10301L pH (UNITS)
90-06-15	1201	L.01	L.0005	L.001	L.02	L.002	7.7
90-06-15	1205	L.01	L.0005	L.001	L.02	L.002	7.7
90-11-15	1355	.01	L.0005	L.001	L.02	L.002	7.6
90-11-15	1400	L.01	L.0005	L.001	L.02	L.002	7.6
MAX		.01	L.0005	L.001	L.02	L.002	7.7
MIN		L.01	L.0005	L.001	L.02	L.002	7.6

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 04NF02YD0117 SUMMERFORD WATER SUPPLY AT LONG POND

DATE	TIME	02073L TURB (JTU)	02041L SP COND (USIE/CM)	02011L COLOR (UNITS)	07315L NO3 (MG/L)
90-06-15	1201	.3	175.	30.	----
90-06-15	1205	.3	174.	30.	----
90-11-15	1355	.4	174.	30.	L.05
90-11-15	1400	.4	176.	40.	L.05
MAX		.4	176.	40.	L.05
MIN		.3	174.	30.	L.05

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02YL0037 SUMMERSIDE MUNICIPAL WATER SUPPLY SOURCE

DATE	TIME	02061S TEMP (DEG.C.)	10301F pH (UNITS)	02042F SP COND (USIE/CM)	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)
91-05-28	0930	7.0	6.3	38.0	2.3	.76	3.5
91-05-28	0935	7.0	6.3	38.0	2.3	.78	3.4
91-10-29	1500	----	6.6	38.2	2.6	.72	3.5
91-10-29	1505	----	6.6	38.2	2.5	.72	3.5
MAX		7.0	6.6	38.2	2.6	.78	3.5
MIN		7.0	6.3	38.0	2.3	.72	3.4

DATE	TIME	19103L K (MG/L)	17209L Cl (MG/L)	16309L SO4 (MG/L)	07315L NO3 (MG/L)	06107L DOC (MG/L)	09105L FLUORIDE (MG/L)
91-05-28	0930	.24	4.9	2.7	.05	5.7	L.05
91-05-28	0935	.23	5.4	3.0	.06	5.5	L.05
91-10-29	1500	.29	4.8	3.2	.05	6.4	L.05
91-10-29	1505	.29	4.8	3.5	.05	6.6	L.05
MAX		.29	5.4	3.5	.06	6.6	L.05
MIN		.23	4.8	2.7	.05	5.5	L.05

DATE	TIME	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)
91-05-28	0930	.092	.0002	.020	.100	L.002	L.002
91-05-28	0935	.088	.0002	.020	.110	L.002	L.002
91-10-29	1500	.092	.0002	.060	.200	.002	L.002
91-10-29	1505	.10	.0002	.050	.230	.004	L.002
MAX		.10	.0002	.060	.230	.004	L.002
MIN		.088	.0002	.020	.100	L.002	L.002

DATE	TIME	30304L ZINC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)
91-05-28	0930	L.01	L.001	L.02	L.002	40.	37.
91-05-28	0935	L.01	L.001	L.02	L.002	40.	37.
91-10-29	1500	L.01	L.001	L.02	L.002	35.	38.
91-10-29	1505	L.01	L.001	L.02	L.002	35.	38.
MAX		L.01	L.001	L.02	L.002	40.	38.
MIN		L.01	L.001	L.02	L.002	35.	37.

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02YL0037 SUMMERSIDE MUNICIPAL WATER SUPPLY SOURCE

DATE	TIME	02073L TURB (JTU)	10301L pH (UNITS)	10110L GRAN ALK (MG/L)	33007L ARSENIC (MG/L)
91-05-28	0930	.4	6.4	4.3	——
91-05-28	0935	.4	6.4	3.9	——
91-10-29	1500	.6	6.6	5.3	L.0005
91-10-29	1505	.5	6.6	5.1	L.0005
MAX		.6	6.6	5.3	L.0005
MIN		.4	6.4	3.9	L.0005

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 05NF02YE0023 THREE MILE ROCK WATER SUPPLY

DATE	TIME	02061S TEMP (DEG.C.)	02065S TEMP (DEG.C.)	10301F pH (UNITS)	02042F SP COND (USIE/CM)	08102S DO (MG/L)	17704L 2-6-DCP (UG/L)
91-06-16	1545	11.0	10.8	6.8	69.0	8.2	L.03
91-06-16	1550	11.0	10.8	6.8	69.0	8.2	L.03
91-11-08	1300	----	----	----	----	----	L.03
91-11-08	1305	----	----	----	----	----	L.03
MAX		11.0	10.8	6.8	69.0	8.2	L.03
MIN		11.0	10.8	6.8	69.0	8.2	L.03

DATE	TIME	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)	17705L 3-4-DCP (UG/L)	17713L 2-4-6TCP (UG/L)	17712L 2-3-6TCP (UG/L)
91-06-16	1545	L.02	L.04	L.03	L.04	L.03	L.01
91-06-16	1550	L.02	L.04	L.03	L.04	L.03	L.01
91-11-08	1300	L.02	L.04	L.03	L.04	L.03	L.01
91-11-08	1305	L.02	L.04	L.03	L.04	L.03	L.01
MAX		L.02	L.04	L.03	L.04	L.03	L.01
MIN		L.02	L.04	L.03	L.04	L.03	L.01

DATE	TIME	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)	17721L 2356 TECP (UG/L)	17720L 2345 TCP (UG/L)	17804L PCP (UG/L)
91-06-16	1545	L.01	L.02	L.02	L.005	L.005	L.002
91-06-16	1550	L.01	L.02	L.02	L.005	L.005	L.002
91-11-08	1300	L.01	L.02	L.02	L.005	L.005	L.002
91-11-08	1305	L.01	L.02	L.02	L.005	L.005	L.002
MAX		L.01	L.02	L.02	L.005	L.005	L.002
MIN		L.01	L.02	L.02	L.005	L.005	L.002

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 01NF02ZM0150 TORBAY WATER SUPPLY SOURCE

DATE	TIME	17704L 2-6-DCP (UG/L)	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)	17705L 3-4-DCP (UG/L)	17713L 2-4-6TCP (UG/L)
91-05-31	1150	L.03	L.02	L.04	L.03	L.04	L.03
91-05-31	1155	L.03	L.02	L.04	L.03	L.04	L.03
91-10-17	1430	L.03	L.02	L.04	L.03	L.04	L.03
91-10-17	1435	L.03	L.02	L.04	L.03	L.04	L.03
MAX		L.03	L.02	L.04	L.03	L.04	L.03
MIN		L.03	L.02	L.04	L.03	L.04	L.03

DATE	TIME	17712L 2-3-6TCP (UG/L)	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)	17721L 2356 TECP (UG/L)	17720L 2345 TCP (UG/L)
91-05-31	1150	L.01	L.01	L.02	L.02	L.005	L.005
91-05-31	1155	L.01	L.01	L.02	L.02	L.005	L.005
91-10-17	1430	L.01	L.01	L.02	L.02	L.005	L.005
91-10-17	1435	L.01	L.01	L.02	L.02	L.005	L.005
MAX		L.01	L.01	L.02	L.02	L.005	L.005
MIN		L.01	L.01	L.02	L.02	L.005	L.005

DATE	TIME	17804L PCP (UG/L)
91-05-31	1150	L.002
91-05-31	1155	L.002
91-10-17	1430	L.002
91-10-17	1435	L.002
MAX		L.002
MIN		L.002

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 00NF02ZN0001 TREPASSEY WATER SUPPLY @ NORTHEAST BROOK

DATE	TIME	10110L GRAN ALK (MG/L)	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)
91-05-30	1015	2.0	.84	.59	4.8	.29	7.0
91-05-30	1017	2.0	.89	.61	4.8	.31	7.1
91-10-15	1215	2.1	.94	.68	5.3	.29	7.1
91-10-15	1220	1.9	.92	.65	5.3	.29	7.2
MAX		2.1	.94	.68	5.3	.31	7.2
MIN		1.9	.84	.59	4.8	.29	7.0

DATE	TIME	16309L SO4 (MG/L)	07315L NO3 (MG/L)	06107L DOC (MG/L)	09105L FLUORIDE (MG/L)	13305L Al (MG/L)	24004L Cr (MG/L)
91-05-30	1015	2.2	L.01	7.4	L.05	.29	L.0002
91-05-30	1017	2.2	L.01	7.5	L.05	.29	L.0002
91-10-15	1215	2.3	L.01	11.4	L.05	.42	L.0002
91-10-15	1220	2.4	L.01	11.9	L.05	.41	L.0002
MAX		2.4	L.01	11.9	L.05	.42	L.0002
MIN		2.2	L.01	7.4	L.05	.29	L.0002

DATE	TIME	25304L Mn (MG/L)	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)	48302L CADMIUM (MG/L)
91-05-30	1015	.020	.180	L.002	L.002	L.01	L.001
91-05-30	1017	.020	.190	L.002	L.002	L.01	L.001
91-10-15	1215	.040	.280	L.002	L.002	L.01	L.001
91-10-15	1220	.030	.290	L.002	L.002	L.01	L.001
MAX		.040	.290	L.002	L.002	L.01	L.001
MIN		.020	.180	L.002	L.002	L.01	L.001

DATE	TIME	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)
91-05-30	1015	L.02	L.002	80.	34.	.5	5.9
91-05-30	1017	L.02	L.002	80.	34.	.4	5.9
91-10-15	1215	L.02	L.002	80.	38.	.4	5.9
91-10-15	1220	L.02	L.002	80.	38.	.5	5.8
MAX		L.02	L.002	80.	38.	.5	5.9
MIN		L.02	L.002	80.	34.	.4	5.8

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 00NF02ZN0001 TREPASSEY WATER SUPPLY @ NORTHEAST BROOK

DATE	TIME	33007L ARSENIC (MG/L)
91-05-30	1015	----
91-05-30	1017	----
91-10-15	1215	L.0005
91-10-15	1220	L.0005
MAX		L.0005
MIN		L.0005

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02YR0017 TRINITY - SOUTHWEST FEEDER POND @ INTAKE

DATE	TIME	10110L GRAN ALK (MG/L)	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)
91-05-24	1311	1.3	.87	.52	3.6	.22	6.2
91-05-24	1320	1.5	.91	.52	3.7	.23	6.3
91-10-24	1300	1.6	.94	.60	3.3	.17	6.0
91-10-24	1310	1.7	.93	1.8	3.3	.18	6.0
MAX		1.7	.94	1.8	3.7	.23	6.3
MIN		1.3	.87	.52	3.3	.17	6.0

DATE	TIME	16309L SO4 (MG/L)	07315L NO3 (MG/L)	06107L DOC (MG/L)	09105L FLUORIDE (MG/L)	13305L Al (MG/L)	24004L Cr (MG/L)
91-05-24	1311	1.4	.02	5.4	L.05	.15	.0003
91-05-24	1320	1.5	.02	4.6	L.05	.15	.0003
91-10-24	1300	1.5	L.01	5.3	L.05	.13	.0003
91-10-24	1310	1.4	L.01	5.3	L.05	.13	.0003
MAX		1.5	.02	5.4	L.05	.15	.0003
MIN		1.4	L.01	4.6	L.05	.13	.0003

DATE	TIME	25304L Mn (MG/L)	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)	48302L CADMIUM (MG/L)
91-05-24	1311	.020	.080	L.002	L.002	L.01	L.001
91-05-24	1320	.030	.080	L.002	L.002	L.01	L.001
91-10-24	1300	L.010	.050	.004	L.002	L.01	L.001
91-10-24	1310	.010	.060	.006	L.002	L.01	L.001
MAX		.030	.080	.006	L.002	L.01	L.001
MIN		L.010	.050	L.002	L.002	L.01	L.001

DATE	TIME	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)
91-05-24	1311	L.02	L.002	30.	28.	.4	5.8
91-05-24	1320	L.02	L.002	30.	28.	.3	5.8
91-10-24	1300	L.02	L.002	25.	27.	.5	6.0
91-10-24	1310	L.02	L.002	25.	27.	.6	5.9
MAX		L.02	L.002	30.	28.	.6	6.0
MIN		L.02	L.002	25.	27.	.3	5.8

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02YR0017 TRINITY - SOUTHWEST FEEDER POND @ INTAKE

DATE	TIME	33007L ARSENIC (MG/L)
91-05-24	1311	----
91-05-24	1320	----
91-10-24	1300	L.0005
91-10-24	1310	L.0005
MAX		L.0005
MIN		L.0005

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02YP0013 TRITON MUNICIPAL WATER SUPPLY SOURCE

DATE	TIME	17704L 2-6-DCP (UG/L)	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)	17705L 3-4-DCP (UG/L)	17713L 2-4-6TCP (UG/L)
91-05-21	1452	L.03	L.02	L.04	L.03	L.04	L.03
91-05-31	1455	L.03	L.02	L.04	L.03	L.04	L.03
91-10-21	1510	L.03	L.02	L.04	L.03	L.04	L.03
91-10-21	1515	L.03	L.02	L.04	L.03	L.04	L.03
MAX		L.03	L.02	L.04	L.03	L.04	L.03
MIN		L.03	L.02	L.04	L.03	L.04	L.03

DATE	TIME	17712L 2-3-6TCP (UG/L)	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)	17721L 2356 TECP (UG/L)	17720L 2345 TCP (UG/L)
91-05-21	1452	L.01	L.01	L.02	L.02	L.005	L.005
91-05-31	1455	L.01	L.01	L.02	L.02	L.005	L.005
91-10-21	1510	L.01	L.01	L.02	L.02	L.005	L.005
91-10-21	1515	L.01	L.01	L.02	L.02	L.005	L.005
MAX		L.01	L.01	L.02	L.02	L.005	L.005
MIN		L.01	L.01	L.02	L.02	L.005	L.005

DATE	TIME	17804L PCP (UG/L)
91-05-21	1452	L.002
91-05-31	1455	L.002
91-10-21	1510	L.002
91-10-21	1515	L.002
MAX		L.002
MIN		L.002

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 00NF02YH0031 TROUT RIVER WATER SUPPLY SOURCE

DATE	TIME	02061S TEMP (DEG.C.)	10301F pH (UNITS)	02042F SP COND (USIE/CM)	17704L 2-6-DCP (UG/L)	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)
91-05-16	1315	6.0	7.4	61.2	L.03	L.02	L.04
91-05-16	1320	6.0	7.4	61.2	L.03	L.02	L.04
91-11-01	1400	----	----	----	L.03	L.02	L.04
91-11-01	1402	----	----	----	L.03	L.02	L.04
MAX		6.0	7.4	61.2	L.03	L.02	L.04
MIN		6.0	7.4	61.2	L.03	L.02	L.04

DATE	TIME	17701L 2-3-DCP (UG/L)	17705L 3-4-DCP (UG/L)	17713L 2-4-6TCP (UG/L)	17712L 2-3-6TCP (UG/L)	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)
91-05-16	1315	L.03	L.04	L.03	L.01	L.01	L.02
91-05-16	1320	L.03	L.04	L.03	L.01	L.01	L.02
91-11-01	1400	L.03	L.04	L.03	L.01	L.01	L.02
91-11-01	1402	L.03	L.04	L.03	L.01	L.01	L.02
MAX		L.03	L.04	L.03	L.01	L.01	L.02
MIN		L.03	L.04	L.03	L.01	L.01	L.02

DATE	TIME	17715L 3-4-5TCP (UG/L)	17721L 2356 TECP (UG/L)	17720L 2345 TCP (UG/L)	17804L PCP (UG/L)
91-05-16	1315	L.02	L.005	L.005	L.002
91-05-16	1320	L.02	L.005	L.005	L.002
91-11-01	1400	L.02	L.005	L.005	L.002
91-11-01	1402	L.02	L.005	L.005	L.002
MAX		L.02	L.005	L.005	L.002
MIN		L.02	L.005	L.005	L.002

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02YD0018 TWILLINGATE - STOCKEYS POND @ INTAKE

DATE	TIME	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)	16309L SO4 (MG/L)
91-05-27	1602	3.6	1.7	15.2	.59	27.0	6.3
91-05-27	1605	3.5	1.7	15.2	.59	27.5	6.1
91-11-01	0940	4.2	6.4	13.0	.60	24.	7.2
91-11-11	0930	4.1	6.4	12.8	.58	23.	7.5
MAX		4.2	6.4	15.2	.60	27.5	7.5
MIN		3.5	1.7	12.8	.58	23.	6.1

DATE	TIME	07315L NO3 (MG/L)	06107L DOC (MG/L)	09105L FLUORIDE (MG/L)	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)
91-05-27	1602	L.01	5.7	L.05	.12	.0002	.040
91-05-27	1605	L.01	5.8	L.05	.12	L.0002	.030
91-11-01	0940	.11	9.5	L.05	.17	.0003	.020
91-11-11	0930	.03	9.8	L.05	.17	.0003	.030
MAX		.11	9.8	L.05	.17	.0003	.040
MIN		L.01	5.7	L.05	.12	L.0002	.020

DATE	TIME	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)
91-05-27	1602	.170	L.002	L.002	L.01	L.001	L.02
91-05-27	1605	.180	L.002	L.002	L.01	L.001	L.02
91-11-01	0940	.360	L.002	.002	L.01	L.001	L.02
91-11-11	0930	.370	L.002	.002	L.01	L.001	L.02
MAX		.370	L.002	.002	L.01	L.001	L.02
MIN		.170	L.002	L.002	L.01	L.001	L.02

DATE	TIME	82302L LEAD (MG/L)	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	10110L GRAN ALK (MG/L)
91-05-27	1602	L.002	50.	111.	.6	6.5	4.4
91-05-27	1605	L.002	40.	111.	.6	6.5	4.4
91-11-01	0940	L.002	60.	105.	.6	6.5	6.4
91-11-11	0930	L.002	60.	105.	.6	6.5	6.4
MAX		L.002	60.	111.	.6	6.5	6.4
MIN		L.002	40.	105.	.6	6.5	4.4

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 01NF02YD0018 TWILLINGATE - STOCKEYS POND @ INTAKE

DATE	TIME	33007L ARSENIC (MG/L)
91-05-27	1602	----
91-05-27	1605	----
91-11-01	0940	L.0005
91-11-11	0930	L.0005
MAX		L.0005
MIN		L.0005

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 04NF02ZL0032 VICTORIA WATER SUPPLY AT ROCKY POND

DATE	TIME	10101L T ALK (MG/L)	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)
90-06-05	1201	1.6	1.0	.42	3.9	.17	6.6
90-06-05	1205	1.8	.99	.37	4.2	.20	6.4
90-11-14	1340	1.9	.94	.44	4.0	.18	6.2
90-11-14	1345	2.0	.95	.44	4.0	.20	6.3
MAX		2.0	1.0	.44	4.2	.20	6.6
MIN		1.6	.94	.37	3.9	.17	6.2

DATE	TIME	16313L SO4 (MG/L)	16309L SO4 (MG/L)	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14109L SiO2 (MG/L)	09105L FLUORIDE (MG/L)
90-06-05	1201	2.32	2.2	L.01	1.6	1.3	L.05
90-06-05	1205	2.07	1.9	L.01	1.5	1.2	L.05
90-11-14	1340	2.3	2.4	.02	2.0	1.0	L.05
90-11-14	1345	2.2	2.3	.02	2.1	1.0	L.05
MAX		2.32	2.4	.02	2.1	1.3	L.05
MIN		2.07	1.9	L.01	1.5	1.0	L.05

DATE	TIME	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)	26305L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)
90-06-05	1201	.038	L.0002	.01	.016	L.002	L.002
90-06-05	1205	.043	L.0002	.02	.017	L.002	L.002
90-11-14	1340	.032	L.0002	.01	.017	L.002	L.002
90-11-14	1345	.030	L.0002	.01	.016	L.002	L.002
MAX		.043	L.0002	.02	.017	L.002	L.002
MIN		.030	L.0002	.01	.016	L.002	L.002

DATE	TIME	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	02011L COLOR (UNITS)
90-06-05	1201	L.01	L.0005	L.001	L.02	L.002	L5.
90-06-05	1205	L.01	L.0005	L.001	L.02	L.002	L5.
90-11-14	1340	L.01	L.0005	L.001	L.02	L.002	10.
90-11-14	1345	L.01	L.0005	L.001	L.02	L.002	10.
MAX		L.01	L.0005	L.001	L.02	L.002	10.
MIN		L.01	L.0005	L.001	L.02	L.002	L5.

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 04NF02ZL0032 VICTORIA WATER SUPPLY AT ROCKY POND

DATE	TIME	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	07315L NO3 (MG/L)
90-06-05	1201	33.5	.4	6.3	----
90-06-05	1205	33.8	.4	6.3	----
90-11-14	1340	33.	.3	6.5	L.05
90-11-14	1345	33.	.3	6.4	L.05
MAX		33.8	.4	6.5	L.05
MIN		33.	.3	6.3	L.05

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER— 00NF02ZK1401 WHITBOURNE WATER SUPPLY AT HODGE RIVER

DATE	TIME	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	24004L Cr (MG/L)	16313L SO4 (MG/L)	14109L SiO2 (MG/L)
89-06-16	1201	L.02	L.002	----	----	----
89-06-16	1205	L.02	L.002	----	----	----
89-10-26	1415	L.02	L.002	L.0002	2.85	1.47
89-10-26	1416	L.02	L.002	L.0002	2.92	1.50
MAX		L.02	L.002	L.0002	2.92	1.50
MIN		L.02	L.002	L.0002	2.85	1.47

ENVIRONMENT CANADA
MONITORING AND EVALUATION BRANCH
MONCTON, N.B.

STATION NUMBER-- 00NF02ZK1401 WHITBOURNE WATER SUPPLY AT HODGE RIVER

DATE	TIME	02011L COLOR (UNITS)	02041L SP COND (uSIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	10101L T ALK (MG/L)	20110L Ca (MG/L)
89-06-16	1201	10.	59.	.3	6.6	4.2	1.8
89-06-16	1205	10.	59.	.3	6.6	4.3	1.8
89-10-26	1415	35.	72.	.4	6.5	4.0	2.0
89-10-26	1416	35.	72.	.5	6.6	4.0	2.0
MAX		35.	72.	.5	6.6	4.3	2.0
MIN		10.	59.	.3	6.5	4.0	1.8

DATE	TIME	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)	16304L SO4 (MG/L)	16309L SO4 (MG/L)
89-06-16	1201	.91	7.6	.21	13.4	2.2	2.0
89-06-16	1205	.93	7.5	.21	13.4	2.2	2.1
89-10-26	1415	1.0	7.0	.33	12.5	**TC**	1.9
89-10-26	1416	1.0	7.0	.33	12.3	**TC**	1.8
MAX		1.0	7.6	.33	13.4	2.2	2.1
MIN		.91	7.0	.21	12.3	2.2	1.8

DATE	TIME	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14102L Si (MG/L)	09105L FLUORIDE (MG/L)	13305L Al (MG/L)	25304L Mn (MG/L)
89-06-16	1201	.01	2.2	.21	L.05	.025	.01
89-06-16	1205	.01	2.3	.18	L.05	.022	.02
89-10-26	1415	L.01	4.9	1.5	L.05	.048	.010
89-10-26	1416	L.01	4.5	1.5	L.05	.051	.010
MAX		.01	4.9	1.5	L.05	.051	.02
MIN		L.01	2.2	.18	L.05	.022	.01

DATE	TIME	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)
89-06-16	1201	.10	L.002	L.002	L.01	L.0005	L.001
89-06-16	1205	.11	L.002	L.002	L.01	L.0005	L.001
89-10-26	1415	.10	L.002	L.002	L.01	L.0005	L.001
89-10-26	1416	.11	L.002	L.002	L.01	L.0005	L.001
MAX		.11	L.002	L.002	L.01	L.0005	L.001
MIN		.10	L.002	L.002	L.01	L.0005	L.001