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A WATER QUALITY STUDY IN THE PEACE RIVER WATERSHED FROM THE W.A.C. BENNETT DAM TO THE ALBERTA BORDER

(DATA REPORT)

S.W. Sheehan

January , 1986

Inland Waters Directorate
Pacific and Yukon Region
Vancouver, B.C.

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ABSTRACT

In 1975 the Water Quality Branch initiated a pilot study on the Peace River from the W.A.C. Bennett Dam to the B.C. - Alberta border. The study was undertaken to provide baseline information on the water quality of the Peace River in B.C. The federal government demonstrated considerable interest in the anticipated developments in the Peace River Watershed through the Mackenzie Basin Intergovernmental Liaison Committee.

In 1975 and 1976 chemical parameters were measured in the water at a total of seven stations. This report presents the chemical data from these collections.

RESUME

En 1975, la Direction de la qualité des eau a entrepris une étude preliminaire de la rivière de la Paix entre le barrage W.-A.-C.-Bennett et la frontière de la Columbie-Britannique et de l'Alberta. Cette étude avait pour but d'acquérir des données sur la qualité des eaux de la rivière de la Paix en Columbie-Britannique. Le gouvernement fédérale s'intéresse de près aux développements prévus dans le bassin hydrographique de la rivière de la Paix, et cela par l'intermédiane du Comité de liaison intergouvernemental du bassin du fleuve Mackenzie.

En 1975 et en 1976, plusieurs paramètres chimiques de l'eau ont été measurés en sept stations différentes. Le présent rapport renferme les résultat de cette étude.

ACKNOWLEDGEMENTS

The help of all those who contributed to this project is gratefully acknowledged. Dr. Annette Smith under DSS Contract No. 095B.KW601-5-9013 compiled and organized the replicate data from the Peace River. Dr. Simon Whitlow and Maureen Lamb of the Water Quality Branch, Ottawa developed a format for water chemistry measurements. Sandy Brown organized the data collected under contract and produced statistics for that set of data.

Mr. Ken Rose from the B.C. Provincial Government, Department of Highways collected samples during freshet of 1976. Mr. F.T.S. Mah and personnel of the Analytical Services Division, Water Quality Branch, Pacific and Yukon Region analyzed the samples and provided precise and timely data.

Mary Lou Haines typed the endless drafts of the report. Dr. L.M. Churchland, Mr. P. Seidl and Mr. J. Temple reviewed the report.

Dr. W.E. Erlebach, Chief of the Water Quality Branch, Pacific and Yukon Region supported the project throughout all the phases of the study.

LIST OF TABLES

REFERENCES

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I. INTRODUCTION

The federal government has, through its participation in the MacKenzie Basin Intergovernmental Liaison Committee, demonstrated an interest in the management of the MacKenzie River Basin. In the mid 1970's several developments including dam construction, coal mining and pipeline construction were anticipated for the watershed of the Peace River, one of the major tributaries to the MacKenzie. Water quality information was necessary in order to evaluate these potential developments.

Therefore the Water Quality Branch initiated a pilot study on the Peace River from the W.A.C. Bennett Dam to the B.C.-Alberta border. This study had two major objectives: 1) to characterize the water quality at several sites on the Peace River and on some of its tributaries, 2) to estimate the variability in selected water quality parameters at the Clayhurst Ferry station.

This report presents data for the Beatton, Pine, Kiskatinaw, and Peace Rivers.

II. STUDY SITES

Water samples were collected at seven sites, including the mainstem of the Peace River and three of its tributaries, (Figure 1), but the major sampling program was confined to five of these sites. Station descriptions and the rationale for site selections are summarized in Table 1.

III. METHODS

A. Sampling Design

The water quality of the Peace River and its tributaries was characterized by collecting samples for nutrients, metals and major ions.

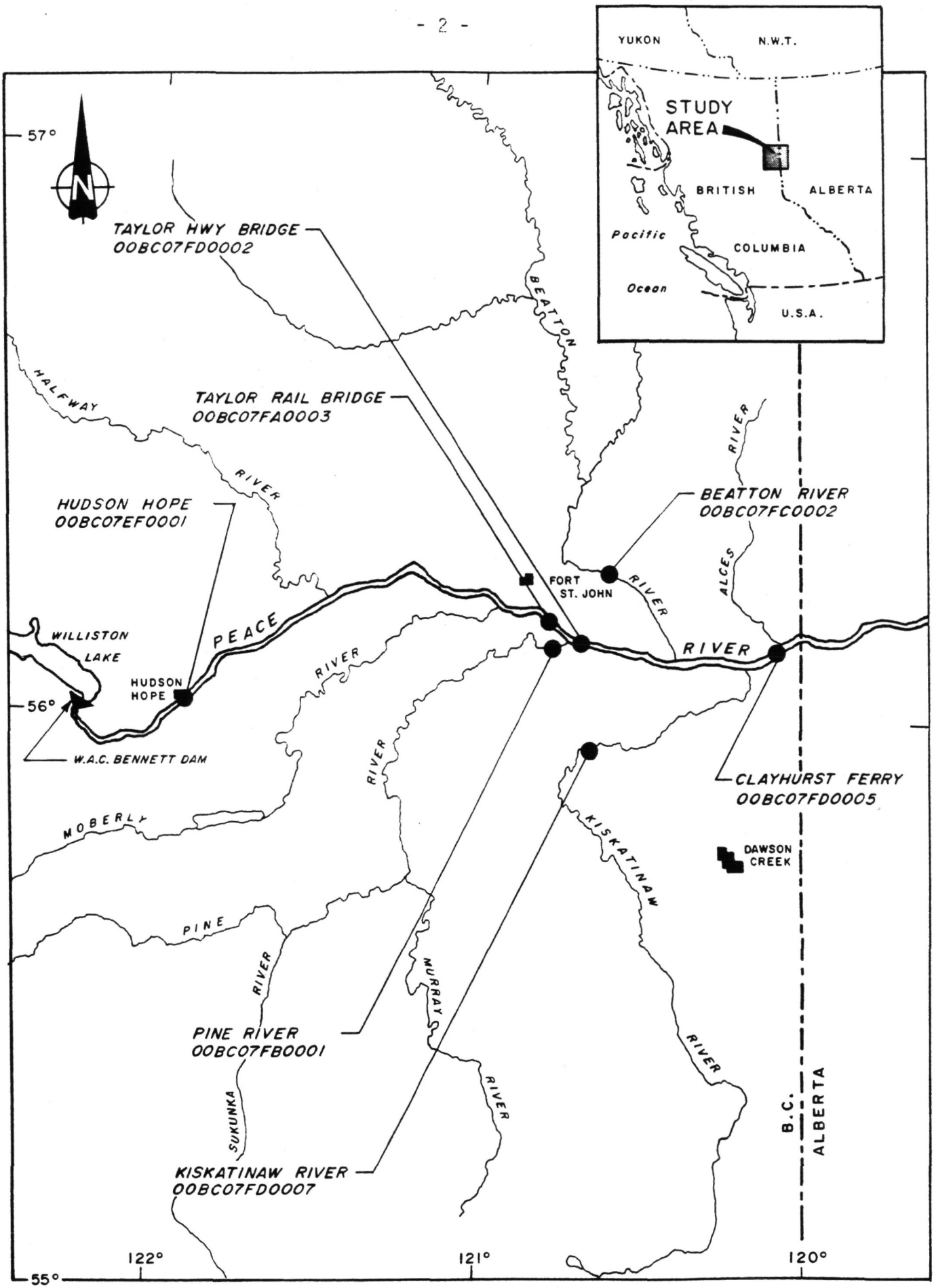

Figure 1 — Water quality stations and NAQUADAT station numbers

TABLE 1

Station locations and descriptions (see Figure 1)

Location (Description)	Selection (Rationale)	Location (Longitude Latitude)	NAQUADAT Station N.
Pine River above the confluence			
The Pine River water quality site is located just above the confluence with the Peace River. Coal exploration and mining activities occur in the Murray and Sukunka River basins. The drainage area above the water quality site covers 13,500 square kilometers.	The Pine River site was selected because it drains a major area of the southern Peace River Basin where mining activities are proceeding.	58° 08' 07" N. 120° 42' 46" W.	00BC07FB000
Peace River at Taylor Railway Bridge			
Samples were taken from the Taylor Railway Bridge just upstream from the Pine River confluence. The drainage area above the water quality site covers 83,900 sq. kilometers. This location does not include input from the Pine River drainage basin.	The Taylor River site was selected to characterize the chemical composition and estimated load for selected parameters for the water coming from Williston Lake and the Halfway River.	56° 09' 42" N. 120° 45' 9" W.	00BC07FA000
Beatton River, east of Fort St. John			
The Beatton River water quality site is located 9.9 kilometers east of Fort St.John, 31 kilometers from the confluence with the Peace River. The Beatton River drains the agricultural lands on the north side of the Peace River drainage basin below the Taylor water quality site on the Peace River. The drainage area above this water quality site covers 15,500 square kilometers.	This site was selected to characterize the chemical composition and the estimated load for selected parameters from these predominately agricultural lands.	56° 16' 42" N. 120° 42' 5" W.	00BC07FC000

TABLE 1 (Continued)

Location (Description)	Selection (Rationale)	Location (Longitude Latitude)	NAQUADAT Station No.
Kiskatinaw River west of Dawson Creek			
The Kiskatinaw River water quality site is located at the Alaska Highway Bridge near Farmington. The drainage area covers 3,600 square kilometers. The land in the drainage basin is used primarily for agriculture. Grain crops such as barley and wheat are grown in the watershed.	This site represents the quality of waters draining the agricultural lands of the southeastern B.C. portion of the Peace River drainage.	55° 57' 24" N. 120° 33' 45" W.	00BC07FD0007
Peace River upstream of Alces River at Clayhurst Ferry			
This site is located at the Clayhurst Ferry crossing. The drainage area covers 118,000 square kilometers. The water quality in the Peace at this stage represents the inputs from major tributaries to the Peace River in the B.C. portion of the watershed.	This site was selected because it represents the location just before the Peace River crosses the B.C.-Alberta border. It is the last opportunity to characterize the water and to determine the potential loads for certain parameters passing from B.C. to Alberta.	56° 7' 45" 120° 3' 20"	00BC07FD0005
Hudson Hope below W.A.C. Bennett Dam			
The Hudson Hope site is located at the Highway Bridge just below the W.A.C. Bennett Dam. The drainage area upstream of the water quality site is 75,800 square kilometres.	This site was sampled only in May, 1975. It was selected because it drains a major impoundment. The station was dropped to limit sampling sites to those which could be reached in a single day.	57° 1' 37" N. 121° 53' 56" W.	00BC07EF0001
Peace River at Taylor Highway Bridge			
This site is located south of Taylor below the confluence of the Pine River. The drainage area upstream of the water quality site is 97,400 square kilometres.	This site was sampled only in May, 1975. The station was dropped because mixing of Pine and Peace River water was considered incomplete.	56° 10' 0" N. 120° 41' 30"	00BC07FD0002

Sampling was conducted in May, September and October, 1975 and monthly (except April) from March to September, 1976, in order to capture different flow conditions. Hydrometric measurements were not taken at the times samples were collected, but flow data for the Peace River watershed during the study period can be found in Inland Waters Directorate, Water Resources Branch, Surface Water Data, 1975, 1976.

Samples were collected at two or more points on the river cross section at three stations (the Clayhurst Ferry, Taylor Railway Bridge, and Taylor Highway Bridge). At the remaining stations, samples were collected at a single site.

B. Field Sampling Procedures

Samples for determination of nutrients, metals and major ions and physical parameters were collected, preserved as necessary in the field and returned to Vancouver for analysis. Single samples were collected for measurements of major ions and most metals. Replicate samples (usually six) were taken for nutrients and sometimes for iron and manganese. A replicate sampler (Oguss and Erlebach, 1976) was used to collect these samples. A sampling iron (Inland Waters Directorate, Water Quality Branch, 1983) was used to collect 2-L samples for major ions and sediment determinations.

Daily samples for nutrients and iron taken at the Clayhurst Ferry station were collected in triplicate. A modified replicate sampler designed to hold three bottles instead of six was used.

The types of bottles used to collect samples, and the preservation and filtration procedures employed are described in Table 2.

TABLE 2

Field sampling procedures for the water quality parameters.

Parameters which have been grouped and associated with a description were measured from the same bottle.

Parameter	Field Procedures and Sample Preservation
Total Phosphorus	Samples were collected in 50-ml sovirel glass bottles. The bakelite caps had teflon liner inserts to prevent phosphate contamination. Samples were packed in an ice filled cooler.
Dissolved Phosphorus	Samples were collected in 100-ml sovirel glass bottles capped with teflon-lined bakelite caps. Each sample was filtered through a 47-mm Millipore HA (0.45 µm pore diameter) filter which had been pre-soaked in distilled water. The filtering apparatus consisted of a Sartorius polycarbonate filter holder (47 mm diameter, Model SM 165 11). Positive pressure was provided by a hand pump. The filtrate was drained into a 50-ml soivrel glass bottle and packed in ice.
Nitrate plus Nitrite, Ammonia, Total Dissolved Nitrogen, Total Organic Carbon, Total Inorganic Carbon, Particulate Carbon, Particulate Nitrogen	Usually samples were collected in 250 ml polyethylene bottles and immediately packed in ice. In March, 1976, water samples were collected in 1-L polyethylene bottles. Each sample was filtered through a Whatman GF/F glass fiber filter which had been pre-cooked for 6 hours at 460°C. The filtering apparatus consisted of a glass filter holder coupled to a 1-L erlenmeyer flask, both of which had been prewashed in HCL. The vacuum was provided by a hand pump. The filtrate was poured into a 250-ml polyethylene bottle and packed in ice. The filter was transferred to a petri dish and placed in the cooler for the analysis of particulate carbon and particulate nitrogen.

TABLE 2

Parameter	Field Procedures and Sample Preservation
Extractable Metals	
(Ba, Cd, Cu, Fe, Mn, Ni, Pb, Zn)	Samples were collected in 1-L polyethylene bottles which had been pre-washed in chromic acid cleaning solution.* Two milliliters of HNO_3 were added after the samples were collected.
(Fe, Mn)	Replicate samples for Fe and Mn were taken in 250 ml polyethylene bottles. Samples were preserved with .5 ml of HNO_3 per 250 ml.
(As and Se)	Single samples were collected in the main flow at the station sites in 2-L polyethylene bottles. No preservatives were added and aliquots were taken for the analysis of arsenic and selenium.
Dissolved Metals	
(Fe and Mn)	In March of 1976 water samples were collected for Fe and Mn in 250 ml polyethylene bottles using a replicate sampler. Each sample was filtered through a Millipore HA filter which had been pre-soaked in 0.25% HNO_3 for a minimum of 12 hours. The filtering apparatus consisted of a glass filter holder coupled to a 1-L erlenmeyer flask, both of which had been pre-washed in HNO_3. The filtrate was poured into a 250 ml polyethylene bottle and .5 mls of HNO_3 was added.
Major ions, residues and miscellaneous measurements	One 2-L polyethylene bottle was filled with water and aliquots were taken for analysis.

TABLE 2

Parameter	Field Procedures and Sample Preservation
Temperature	Samples usually were collected in 2-L sample bottles. Temperature measurements were taken using a thermometer within fifteen minutes of collection. Occasionally in situ temperature measurements were made.
Phenols	Teflon bottles (either 100 ml or 250 ml) were used to collect the samples. Preservative was added to each bottle in the proportion of 5 ml to each liter of sample water. The preservative had previously been prepared by dissolving 50 gms $CuSO_4 \cdot 5H_2O$ in 150 mls of deionized water. This solution was stirred, and 50 ml of 85% phosphoric acid was added. The solution was made up to 250 mls with deionized water.
Extractable Mercury (Hg)	Samples were collected in 100 ml teflon bottles. The samples were preserved with 1 ml H_2SO_4.
*Chromic acid cleaning solution	Approximately 700 gm of sodium dichromate ($Na_2Cr_2O_7$) was added to 8 liters of distilled water. Then 4 X 2 1/2 liters or 4 winchesters of technical or reagent grade sulphuric acid H_2SO_4 was stirred into solution.

C. Analytical Methods, Filtration and Preservation

The analytical methods used for the parameters measured are described briefly in the NAQUADAT Dictionary (Inland Waters Directorate, Water Quality Branch; 1984) and in detail in the Analytical Methods Manual (Inland Waters Directorate, Water Quality Branch; 1979). The NAQUADAT code number and the associated detection limit for each parameter measured is listed in Table 3.

TABLE 3

NAQUADAT Code Numbers and Limits of Detection for the Chemical Parameters Measured in the Peace River Basin

Parameter	NAQUADAT Number	Detection Limit
Colour	02011	5.0 rel. units
Specific Conductance (Lab)	02041 L	0.2 µsie/cm
Specific Conductance (Field)	02041 S	
Water Temperature (Lab)	02061 L	
Water Temperature (Field)	02061 S	
Turbidity	02073	0 jtu
Boron (dissolved)	05103 L	0.005 mg/L
Total Organic Carbon	06001	Variable
Total Inorganic Carbon	06051	0.5 mg/L
Dissolved Organic Carbon	06101	0.5 mg/L
Dissolved Inorganic Carbon	06151	0.5 mg/L
Phenols	06536	0.0005 mg/L
Tannin and Lignin	06552	.02 mg/l
Particulate Carbon	06903	Variable
NO_3/NO_2 (dissolved)	07110	0.002 mg/L
Ammonia (dissolved)	07557	0.002 mg/L
Total Dissolved Nitrogen	07651	0.01 mg/L
Paritculate Nitrogen	07903	Variable
Fluoride (dissolved)	09106	0.050 mg/L
Alkalinity (total)	10101	0.5 mg/L $CaCO_3$
Alkalinity (phenolphthalein)	10151	0.5[1] mg/L $CaCO_3$
pH (Lab)	10301 L	
pH (Field)	10301 S	
Nonfilterable residue	10401	10.0 mg/L

[1]This limit of detection applies at pH greater than 8.3. At lower pH phenolphthalein alkalinity = 0

TABLE 3 (Continued)

NAQUADAT Code Numbers and Limits of Detection for the Chemical Parameters Measured in the Peace River Basin

Parameter	NAQUADAT Number	Detection Limit
Filterable residue	10451	10.0 mg/L
Nonfilterable residue (fixed)	10501	10.0 mg/L
Filterable residue (fixed)	10551	10.0 mg/L
Hardness (total)	10603	0.5 mg/L $CaCO_3$
Sodium (dissolved)	11103	0.2 mg/L
Magnesium (dissolved)	12101	Calculated
Silica (reactive)	14105	0.2 mg/L
Phosphorus (dissolved)	15102	0.002 mg/L[2]
Phosphorus (total)	15406	0.002 mg/L[2]
Sulphate (dissolved)	16306	0.5 mg/L
Chloride (dissolved)	17206	0.2 mg/L
Potassium (dissolved)	19103	0.2 mg/L
Calcium (dissolved)	20101	0.5 mg/L
Manganese (dissolved)	25104	0.01 mg/L
Manganese (extractable)	25304	0.01 mg/L
Iron (dissolved)	26104	0.05 mg/L
Iron (dissolved)	26105	0.001 mg/L
Iron (extractable)	26304	0.05 mg/L
Iron (extractable)	26305	0.001 mg/L
Cobalt (extractable)	27302	0.001 mg/L
Nickel (extractable)	28302	0.001 mg/L
Nickel (extractable)	28301	0.01 mg/L
Copper (extractable)	29306	0.01 mg/L
Copper (extractable)	29305	0.001 mg/L
Zinc (extractable)	30304	0.01 mg/L
Zinc (extractable)	30305	0.001 mg/L

TABLE 3 (Continued)

NAQUADAT Code Numbers and Limits of Detection for the Chemical Parameters Measured in the Peace River Basin

Parameter	NAQUADAT Number	Detection Limit
Arsenic (extractable)	33304	0.0001 mg/L
Selenium (extractable)	34302	0.0001 mg/L
Strontium (extractable)	38301	.020 mg/l
Molybdenum (extractable)	42302	0.0005 mg/L
Cadmium (extractable)	48302	0.0002 mg/L
Barium (extractable)	56302	0.02 mg/L
Mercury (extractable)	80311	0.05 mg/L
Lead (extractable)	82302	0.001 mg/L

TABLE 4

NAQUADAT DETAILED REPORT OF WATER QUALITY DATA FOR THE MAINSTEM AND SELECTED TRIBUTARIES OF THE PEACE RIVER IN B.C.

Some explanation of the NAQUADAT report format is necessary to help the reader understand this table.

NAQUADAT Code Numbers

All data are tabulated under six-character NAQUADAT codes. The first five characters are always numbers and identify the parameter and analytical method. These code numbers are summarized in Table 3.

Letters following the five digit code are explained below.

F - Field
L - Laboratory
P - Preserved
R - Replicate mean of a number of samples
S - In situ
T - Replicate mean of field - filtered and preserved samples
V - Replicate mean of field - filtered samples
W - Replicate mean of preserved samples

When the five digit code is followed by a number, the number indicates replicate values (eg. 071101 = replicate #1 and 071106 = replicate #6). Replicate values are always preceeded by the replicate means.

When more than one parameter has been measured from a single bottle the sixth character in the code remains the same for all parameters measured from that bottle. For example, nitrate plus nitrite, ammonia, dissolved nitrogen, total organic carbon, and total inorganic carbon were all measured from the same bottle. Thus, parameters 071104, 075574, 076514, 060014, and 060514 were all measured from sample bottle number 4. Table 2 indicates which parameters were measured from the same bottle.

Backup Codes

When the same parameter has been measured by different methods, all data are listed in one column, and the differences are indicated with back-up

codes. For example, extractable iron is usually measured by direct aspiration (26304), but when concentrations are below the detection limit of this method, the samples are reanalyzed using solvent extraction (26305). The NAQUADAT report for iron is as follows:

26304P
Iron
Extractable
.034 05P (solvent extraction)
.60 (direct aspiration)
.042 05W (solvent extraction, replicate mean)

Notations Preceeding Values

The following notations have been used in this report:

L - Less than detection
Q - Mean of replicates which include values less than detection
* - Mean of replicates when samples were measured by two methods (solvent extraction and direct aspiration)

Notes:

- Although the boundary between the Pacific and Mountain time zones passes through the study area, all sampling times were recorded as Mountain Standard for continuity.

- Caution is advised in interpreting nonfilterable residues (10401 and 10501) values below 10 mg L^{-1}. Although the detection limit given in Table 3 is 10 mg L^{-1}, the Vancouver laboratory sometimes reports lower values.

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07EF0001 LAT. 56D 1M 37S LONG. 121D 53M 56S
PEACE RIVER AT HWY 29 BRIDGE, HUDSON HOPE, BRITISH COLUMBIA

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	02011L COLOUR APPARENT REL. UNITS	02041L SPECIFIC CONDUCT. USIE/CM	02041S SPECIFIC CONDUCT. USIE/CM	02061L TEMP. WATER DEG.C.	02061S TEMP. WATER DEG.C.	02073L TURBIDITY JTU	05103L BORON DISSOLVED B MG/L	07110R NITROGEN DISSOLVED NO3 & NO2 N MG/L
75-05-20	1845	326	7.	174.	190.	20.0	6.0	1.7	L.005	.056
75-05-21	0840	326	5.	189.	195.	20.0	5.0	1.7	L.005	.092
75-05-22	1415	326	7.	179.	180.	21.0	6.0	1.5	L.005	.058

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	071101 NITROGEN DISSOLVED NO3 & NO2 N MG/L	071102 NITROGEN DISSOLVED NO3 & NO2 N MG/L	071103 NITROGEN DISSOLVED NO3 & NO2 N MG/L	071104 NITROGEN DISSOLVED NO3 & NO2 N MG/L	071105 NITROGEN DISSOLVED NO3 & NO2 N MG/L	071106 NITROGEN DISSOLVED NO3 & NO2 N MG/L	07557L NITROGEN DISSOLVED AMMONIA N MG/L	07651L NITROGEN DISSOLVED N MG/L
75-05-20	1845	326	.056	.056	.052	.060	.052	.058	.041	.194
75-05-21	0840	326	.117	.070	.077	.077	.096	.116	.020	.284
75-05-22	1415	326	.056	.059	.076	.051	.051	.057	.024	.223

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	09106L FLUORIDE DISSOLVED F MG/L	10101L ALKALINITY TOTAL CACO3 MG/L	10151L ALKALINITY PHENOL PHTHALEIN CACO3 MG/L	10301L PH PH UNITS	10301S PH PH UNITS	10603L HARDNESS TOTAL CACO3 MG/L	11103L SODIUM DISSOLVED NA MG/L	12101L MAGNESIUM DISSOLVED (CALCD.) MG MG/L
75-05-20	1845	326	.045	82.5	.0	8.0	7.5	91.0	1.2	5.1
75-05-21	0840	326	.046	89.9	.0	8.0	7.6	98.0	1.6	6.1
75-05-22	1415	326	.044	83.5	.0	8.1	7.5	91.0	1.1	5.9

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	14105L SILICA REACTIVE SIO2 MG/L	15406R PHOSPHORUS TOTAL P MG/L	154061 PHOSPHORUS TOTAL P MG/L	154062 PHOSPHORUS TOTAL P MG/L	154063 PHOSPHORUS TOTAL P MG/L	154064 PHOSPHORUS TOTAL P MG/L	154065 PHOSPHORUS TOTAL P MG/L	154066 PHOSPHORUS TOTAL P MG/L
75-05-20	1845	326	4.1	.013	.012	.012	.012	.017	.012	--
75-05-21	0840	326	4.3	.027	.013	.015	.014	.029	.025	.065
75-05-22	1415	326	4.0	.011	.010	.010	.014	.010	.010	.013

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07EF0001 LAT. 56D 1M 37S LONG. 121D 53M 56S
PEACE RIVER AT HWY 29 BRIDGE, HUDSON HOPE, BRITISH COLUMBIA

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	16306L SULPHATE DISSOLVED SO4 MG/L	17206L CHLORIDE DISSOLVED CL MG/L	19103L POTASSIUM DISSOLVED K MG/L	20101L CALCIUM DISSOLVED CA MG/L	25304P MANGANESE EXTRBLE. MN MG/L	26304P IRON EXTRBLE. FE MG/L	27302P COBALT EXTRBLE. CO MG/L	28302P NICKEL EXTRBLE. NI MG/L
75-05-20	1845	326	9.1	.5	.4	28.0	L.01	.08	L.001	L.001
75-05-21	0840	326	9.5	.5	.4	29.2	L.01	.06	L.001	L.001
75-05-22	1415	326	9.0	.6	.3	26.8	L.01	.07	L.001	L.001

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	29305P COPPER EXTRBLE. CU MG/L	30305P ZINC EXTRBLE. ZN MG/L	33304L ARSENIC EXTRBLE. AS MG/L	38301P STRONTIUM EXTRBLE. SR MG/L	42302P MOLYBDENUM EXTRBLE. MO MG/L	48302P CADMIUM EXTRBLE. CD MG/L	56302P BARIUM EXTRBLE. BA MG/L	82302P LEAD EXTRBLE. PB MG/L
75-05-20	1845	326	L.001	L.001	.0004	.09	.0010	L.0002	.25	L.001
75-05-21	0840	326	L.001	.001	.0002	.11	L.0005	L.0002	.26	.001
75-05-22	1415	326	L.001	L.001	.0002	.10	.0008	L.0002	.23	L.001

FOOTNOTE: L - LESS THAN DETECTION LIMIT G - GREATER THAN MEASUREMENT LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION G - PLUS GRAND QUE LA LIMITE MESURE

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FA0003 LAT. 56D 9M 42S LONG. 120D 45M 7S
PEACE RIVER NEAR TAYLOR. RAILWAY BRIDGE. BRITISH COLUMBIA.

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	97203F SAMPLING DIST. FROM LEFT BANK %	02011L COLOUR APPARENT REL. UNITS	02041L SPECIFIC CONDUCT. USIE/CM	02041S SPECIFIC CONDUCT. USIE/CM	02061L TEMP. WATER DEG.C.	02061S TEMP. WATER DEG.C.	02073L TURBIDITY JTU	06001R CARBON TOTAL ORGANIC C MG/L
75-09-10	1145	326	33.	--	--	--	--	--	--	3.5
	1215	326	67.	5.	177.	190.	19.7	13.0	3.6	4.7
75-09-11	1530	326	33.	--	--	--	--	--	--	4.5
	1550	326	67.	5.	176.	200.	19.6	15.0	3.4	3.7
75-09-12	0930	326	33.	--	--	--	--	--	--	4.1
	0950	326	67.	5.	176.	200.	19.8	11.0	3.2	5.0
75-09-13	1515	326	33.	--	--	--	--	--	--	1.5
	1615	326	67.	5.	176.	--	20.0	--	4.2	3.0
76-03-28	1815	326	33.	--	--	--	--	--	--	2.8
	1845	326	67.	5.	174.	150.	20.6	2.5	.6	2.3
76-03-30	1600	326	33.	--	--	--	--	--	--	5.2
	1630	326	67.	5.	173.	200.	20.5	3.0	1.3	5.5
76-05-07	1330	326	33.	--	--	--	--	--	--	5.7
	1400	326	67.	15.	181.	--	22.5	12.0	20.0	6.1
76-05-09	1230	326	33.	--	--	--	--	--	--	8.7
	1245	326	67.	15.	184.	--	22.5	11.0	120.0	8.1
76-07-01	0900	326	33.	--	--	--	--	--	--	--
	1000	326	67.	30.	195.	--	21.2	15.5	54.0	--
76-07-27	1200	326	33.	--	--	--	--	--	--	4.1
	1245	326	67.	5.	174.	200.	20.2	16.5	6.2	5.0
76-08-22	1215	326	33.	--	--	--	--	--	--	3.8
	1245	326	67.	50.	180.	170.	19.4	15.0	47.0	2.7
76-09-21	1030	326	33.	--	--	--	--	--	--	Q2.0
	1100	326	67.	7.	169.	185.	21.4	12.5	3.5	Q2.8

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FA0003 LAT. 56D 9M 42S LONG. 120D 45M 7S
PEACE RIVER NEAR TAYLOR. RAILWAY BRIDGE. BRITISH COLUMBIA.

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	060011 CARBON TOTAL ORGANIC C MG/L	060012 CARBON TOTAL ORGANIC C MG/L	060013 CARBON TOTAL ORGANIC C MG/L	060014 CARBON TOTAL ORGANIC C MG/L	060015 CARBON TOTAL ORGANIC C MG/L	060016 CARBON TOTAL ORGANIC C MG/L	06051R CARBON TOTAL INORGANIC C MG/L	060511 CARBON TOTAL INORGANIC C MG/L
75-09-10	1145	326	3.5	--	--	3.4	--	--	21.2	21.4
	1215	326	--	--	5.8	--	3.6	--	20.3	--
75-09-11	1530	326	--	--	--	3.5	5.5	--	21.5	--
	1550	326	3.7	--	--	3.6	--	--	21.8	21.8
75-09-12	0930	326	--	--	--	3.4	4.8	--	22.0	--
	0950	326	--	--	5.6	4.4	--	--	21.0	--
75-09-13	1515	326	1.7	1.2	--	--	--	--	21.5	21.6
	1615	326	--	--	4.1	1.9	--	--	20.7	--
76-03-28	1815	326	4.5	--	--	--	--	1.0	19.8	19.8
	1845	326	3.6	--	--	--	--	1.0	19.8	19.8
76-03-30	1600	326	4.9	--	--	--	--	5.5	19.9	20.0
	1630	326	5.3	--	--	--	--	5.7	19.5	19.7
76-05-07	1330	326	--	--	5.0	6.3	--	--	19.5	--
	1400	326	--	--	5.9	6.2	--	--	19.0	--
76-05-09	1230	326	--	--	8.0	9.3	--	--	18.5	--
	1245	326	--	--	7.7	8.5	--	--	18.5	--
76-07-27	1200	326	2.7	3.5	4.4	3.3	4.4	6.4	19.0	20.0
	1245	326	3.8	4.4	4.7	5.0	6.6	5.4	17.5	18.0
76-08-22	1215	326	3.9	4.3	3.7	3.6	2.6	4.4	23.0	23.0
	1245	326	2.5	1.6	2.8	1.9	2.9	4.4	21.2	21.0
76-09-21	1030	326	1.8	2.9	1.5	2.4	2.4	L1.0	21.2	21.0
	1100	326	L1.0	2.7	5.5	3.0	2.7	2.1	20.7	21.0

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FA0003 LAT. 56D 9M 42S LONG. 120D 45M 7S
PEACE RIVER NEAR TAYLOR. RAILWAY BRIDGE. BRITISH COLUMBIA.

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	060512 CARBON TOTAL INORGANIC C MG/L	060513 CARBON TOTAL INORGANIC C MG/L	060514 CARBON TOTAL INORGANIC C MG/L	060515 CARBON TOTAL INORGANIC C MG/L	060516 CARBON TOTAL INORGANIC C MG/L	06101R CARBON DISSOLVED ORGANIC C MG/L	061011 CARBON DISSOLVED ORGANIC C MG/L	061012 CARBON DISSOLVED ORGANIC C MG/L
75-09-10	1145	326	--	--	21.0	--	--	--	--	--
	1215	326	--	20.0	--	20.5	--	--	--	--
75-09-11	1530	326	--	--	21.7	21.3	--	--	--	--
	1550	326	--	--	21.8	--	--	--	--	--
75-09-12	0930	326	--	--	22.2	21.7	--	--	--	--
	0950	326	--	20.7	21.3	--	--	--	--	--
75-09-13	1515	326	21.4	--	--	--	--	--	--	--
	1615	326	--	20.7	20.7	--	--	--	--	--
76-03-28	1815	326	--	--	--	--	19.8	--	--	--
	1845	326	--	--	--	--	19.8	--	--	--
76-03-30	1600	326	--	--	--	--	19.7	--	--	--
	1630	326	--	--	--	--	19.2	--	--	--
76-05-07	1330	326	--	19.0	20.0	--	--	--	--	--
	1400	326	--	19.0	19.0	--	--	--	--	--
76-05-09	1230	326	--	19.0	18.0	--	--	--	--	--
	1245	326	--	19.0	18.0	--	--	--	--	--
76-07-01	0900	326	--	--	--	--	--	4.6	4.9	4.3
	1000	326	--	--	--	--	--	3.2	2.7	2.2
76-07-27	1200	326	19.0	19.0	19.0	19.0	18.0	--	--	--
	1245	326	17.0	18.0	18.0	16.0	18.0	--	--	--
76-08-22	1215	326	23.0	23.0	23.0	23.0	23.0	--	--	--
	1245	326	22.0	21.0	22.0	21.0	20.0	--	--	--
76-09-21	1030	326	21.0	21.0	22.0	21.0	21.0	--	--	--
	1100	326	21.0	21.0	20.0	20.0	21.0	--	--	--

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FA0003 LAT. 56D 9M 42S LONG. 120D 45M 7S
PEACE RIVER NEAR TAYLOR. RAILWAY BRIDGE. BRITISH COLUMBIA.

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	061013 CARBON DISSOLVED ORGANIC C MG/L	061014 CARBON DISSOLVED ORGANIC C MG/L	061015 CARBON DISSOLVED ORGANIC C MG/L	061016 CARBON DISSOLVED ORGANIC C MG/L	06151R CARBON DISSOLVED INORGANIC C MG/L	061511 CARBON DISSOLVED INORGANIC C MG/L	061512 CARBON DISSOLVED INORGANIC C MG/L	061513 CARBON DISSOLVED INORGANIC C MG/L
76-07-01	0900	326	3.9	4.8	4.8	4.8	24.0	24.0	24.0	25.0
	1000	326	2.9	3.7	4.4	3.1	23.2	24.0	23.0	24.0

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	061514 CARBON DISSOLVED INORGANIC C MG/L	061515 CARBON DISSOLVED INORGANIC C MG/L	061516 CARBON DISSOLVED INORGANIC C MG/L	06536W PHENOLIC MATERIAL PHENOL MG/L	065361 PHENOLIC MATERIAL PHENOL MG/L	065362 PHENOLIC MATERIAL PHENOL MG/L	065363 PHENOLIC MATERIAL PHENOL MG/L	06552L TANNIN AND LIGNIN LIG.SULPH. MG/L
75-09-10	1215	326	--	--	--	--	--	--	--	.25
75-09-11	1550	326	--	--	--	--	--	--	--	.25
75-09-12	0950	326	--	--	--	--	--	--	--	.26
75-09-13	1615	326	--	--	--	--	--	--	--	.23
76-05-07	1330	326	--	--	--	L.0005	L.0005	L.0005	L.0005	--
	1400	326	--	--	--	L.0005	L.0005	L.0005	L.0005	--
76-07-01	0900	326	24.0	22.0	25.0	L.0005	L.0005	L.0005	L.0005	--
	1000	326	24.0	22.0	22.0	--	--	--	--	--
76-08-22	1215	326	--	--	--	L.0005	L.0005	L.0005	L.0005	--

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FA0003 LAT. 56D 9M 42S LONG. 120D 45M 7S
PEACE RIVER NEAR TAYLOR. RAILWAY BRIDGE. BRITISH COLUMBIA.

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	06903R CARBON PARTICULATE C MG/L	069031 CARBON PARTICULATE C MG/L	069032 CARBON PARTICULATE C MG/L	07110R NITROGEN DISSOLVED NO3 & NO2 N MG/L	071101 NITROGEN DISSOLVED NO3 & NO2 N MG/L	071102 NITROGEN DISSOLVED NO3 & NO2 N MG/L	071103 NITROGEN DISSOLVED NO3 & NO2 N MG/L	071104 NITROGEN DISSOLVED NO3 & NO2 N MG/L
75-09-10	1145	326	--	--	--	.047	.026	.018	.158	.026
	1215	326	--	--	--	.020	.021	.027	.019	.018
75-09-11	1530	326	--	--	--	.015	.015	.015	.019	.014
	1550	326	--	--	--	.014	.016	.014	.014	.013
75-09-12	0930	326	--	--	--	.020	.021	.020	.020	.020
	0950	326	--	--	--	.036	.020	.020	.110	.023
75-09-13	1515	326	--	--	--	.030	.021	.078	.019	.021
	1615	326	--	--	--	.019	.020	.019	.018	.020
76-03-28	1815	326	.27 03L	--	--	.038	.036	.037	.037	.037
	1845	326	.21 03L	--	--	.038	.037	.037	.037	.045
76-03-30	1600	326	.55	.52	.57	.047	.041	.041	.076	.040
	1630	326	--	--	--	.056	.100	.040	.040	.040
76-05-07	1330	326	--	--	--	.044	.046	.048	.041	.043
	1400	326	--	--	--	.041	.038	.042	.040	.043
76-05-09	1230	326	--	--	--	.051	.089	.042	.033	.031
	1245	326	--	--	--	.036	.035	.035	.037	.039
76-07-01	0900	326	--	--	--	.045	.054	.060	.052	.039
	1000	326	--	--	--	.040	.031	.042	.048	.043
76-07-27	1200	326	--	--	--	.039	.036	.042	.036	.038
	1245	326	--	--	--	.070	.195	.039	.045	.050
76-08-22	1215	326	--	--	--	.082	.086	.048	.034	.230
	1245	326	--	--	--	.044	.045	.039	.036	.065
76-09-21	1030	326	--	--	--	.039	.024	.050	.053	.033
	1100	326	--	--	--	.047	.024	.037	.080	.035

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FA0003 LAT. 56D 9M 42S LONG. 120D 45M 7S
PEACE RIVER NEAR TAYLOR. RAILWAY BRIDGE. BRITISH COLUMBIA.

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	071105 NITROGEN DISSOLVED NO3 & NO2 N MG/L	071106 NITROGEN DISSOLVED NO3 & NO2 N MG/L	07557R NITROGEN DISSOLVED AMMONIA N MG/L	075571 NITROGEN DISSOLVED AMMONIA N MG/L	075572 NITROGEN DISSOLVED AMMONIA N MG/L	075573 NITROGEN DISSOLVED AMMONIA N MG/L	075574 NITROGEN DISSOLVED AMMONIA N MG/L	075575 NITROGEN DISSOLVED AMMONIA N MG/L
75-09-10	1145	326	.033	.018	.014	.018	.010	.016	.012	.016
	1215	326	.018	.018	.013	.012	.008	.020	.015	.010
75-09-11	1530	326	.014	.014	.011	.011	.011	.013	.011	.010
	1550	326	.014	.013	.013	.015	.012	.014	.010	.011
75-09-12	0930	326	.021	.020	.011	.010	.009	.010	.016	.010
	0950	326	.021	.021	.040	.012	.011	.182	.015	.007
75-09-13	1515	326	.019	.019	.034	.017	.144	.008	.010	.014
	1615	326	.020	.019	.012	.011	.018	.011	.017	.006
76-03-28	1815	326	.044	.037	.008	.006	.006	.010	.008	.010
	1845	326	.037	.037	.009	.008	.007	.007	.014	.007
76-03-30	1600	326	.040	.041	.009	.007	.009	.010	.011	.009
	1630	326	.078	.040	.010	.020	.007	.010	.007	.010
76-05-07	1330	326	.043	.043	.021	.017	.016	.016	.028	.026
	1400	326	.042	.040	.013	.007	.010	.007	.022	.007
76-05-09	1230	326	.037	.073	.017	.014	.020	.017	.015	.018
	1245	326	.036	.034	.011	.007	.011	.015	.010	.011
76-07-01	0900	326	.032	.032	.015	.016	.014	.014	.017	.013
	1000	326	.040	.033	.008	.008	.006	.006	.008	.010
76-07-27	1200	326	.043	.037	.011	.010	.010	.008	.011	.013
	1245	326	.050	.038	.012	.017	.013	.009	.013	.010
76-08-22	1215	326	.040	.054	.027	.040	.032	.019	.037	.016
	1245	326	.045	.035	.012	.014	.011	.010	.012	.013
76-09-21	1030	326	.037	.038	.007	.007	.014	.005	.006	.005
	1100	326	.045	.058	.005	.004	.005	.008	.003	.004

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FA0003 LAT. 56D 9M 42S LONG. 120D 45M 7S
PEACE RIVER NEAR TAYLOR. RAILWAY BRIDGE. BRITISH COLUMBIA.

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	075576 NITROGEN DISSOLVED AMMONIA N MG/L	07651R NITROGEN DISSOLVED N MG/L	076511 NITROGEN DISSOLVED N MG/L	076512 NITROGEN DISSOLVED N MG/L	076513 NITROGEN DISSOLVED N MG/L	076514 NITROGEN DISSOLVED N MG/L	076515 NITROGEN DISSOLVED N MG/L	076516 NITROGEN DISSOLVED N MG/L
75-09-10	1145	326	.014	.195	--	.200	--	--	--	.190
	1215	326	.011	.174	--	.185	--	.163	--	--
75-09-11	1530	326	.012	.162	--	.168	.156	--	--	--
	1550	326	.014	.165	--	.170	.160	--	--	--
75-09-12	0930	326	.011	.156	--	.158	.153	--	--	--
	0950	326	.014	.154	.156	.151	--	--	--	--
75-09-13	1515	326	.010	.166	--	--	.157	.175	--	--
	1615	326	.011	.169	.165	.172	--	--	--	--
76-03-28	1815	326	.007	.122	.120	.123	--	--	--	--
	1845	326	.011	.123	.125	.120	--	--	--	--
76-03-30	1600	326	.009	.127	.123	.130	--	--	--	--
	1630	326	.007	.131	--	.137	.125	--	--	--
76-05-07	1330	326	.025	.184	.184	.183	--	--	--	--
	1400	326	.026	.165	.162	.168	--	--	--	--
76-05-09	1230	326	.015	.187	.187	.187	--	--	--	--
	1245	326	.009	.165	.156	.173	--	--	--	--
76-07-01	0900	326	.013	.210	.202	.343	.170	.200	.175	.171
	1000	326	.010	.219	.185	.210	.360	.204	.185	.172
76-07-27	1200	326	.012	.173	.182	.155	.155	.165	.208	.175
	1245	326	.008	.167	.205	.162	.150	.175	.161	.150
76-08-22	1215	326	.020	.269	.255	.215	.220	.498	.216	.210
	1245	326	.012	.209	.212	.202	.195	.237	.207	.200
76-09-21	1030	326	.004	.146	.139	.170	.148	.163	.125	.130
	1100	326	.004	.173	.125	.155	.200	.265	.154	.138

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FA0003 LAT. 56D 9M 42S LONG. 120D 45M 7S
PEACE RIVER NEAR TAYLOR. RAILWAY BRIDGE. BRITISH COLUMBIA.

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	07903R NITROGEN PARTICULATE N MG/L	079031 NITROGEN PARTICULATE N MG/L	079032 NITROGEN PARTICULATE N MG/L	09106L FLUORIDE DISSOLVED F MG/L	10101L ALKALINITY TOTAL CACO3 MG/L	10151L ALKALINITY PHENOL PHTHALEIN CACO3 MG/L	10301L PH PH UNITS	10301S PH PH UNITS
75-09-10	1215	326	--	--	--	.046	82.5	.0	8.1	7.7
75-09-11	1550	326	--	--	--	.044	81.4	.0	8.1	7.9
75-09-12	0950	326	--	--	--	.042	81.9	.0	8.1	7.6
75-09-13	1615	326	--	--	--	.043	81.2	.0	8.1	--
76-03-28	1815	326	.018 03L	--	--	--	--	--	--	--
	1845	326	.012 03L	--	--	.063	80.3	.0	8.0	7.9
76-03-30	1600	326	.047	.051	.043	--	--	--	--	--
	1630	326	--	--	--	.068	80.0	.0	8.0	8.0
76-05-07	1400	326	--	--	--	.130	78.9	.0	7.7	7.8
76-05-09	1245	326	--	--	--	.120	82.3	.0	8.0	7.8
76-07-01	1000	326	--	--	--	.079	91.4	.0	8.2	8.1
76-07-27	1245	326	--	--	--	.056	79.5	.0	8.0	7.9
76-08-22	1245	326	--	--	--	.067	85.5	.0	8.0	7.8
76-09-21	1100	326	--	--	--	.083	76.0	.0	7.8	7.6

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FA0003 LAT. 56D 9M 42S LONG. 120D 45M 7S
PEACE RIVER NEAR TAYLOR. RAILWAY BRIDGE. BRITISH COLUMBIA.

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	10401L RESIDUE NONFILTR. MG/L	10451L RESIDUE FILTERABLE MG/L	10501L RESIDUE FIXED NONFILTR. MG/L	10551L RESIDUE FIXED FILTERABLE MG/L	10603L HARDNESS TOTAL CACO3 MG/L	11103L SODIUM DISSOLVED NA MG/L	12101L MAGNESIUM DISSOLVED (CALCD.) MG MG/L	14105L SILICA REACTIVE SIO2 MG/L
75-09-10	1215	326	14.	86.	14.	32.	91.4	1.3	7.8	3.5
75-09-11	1550	326	14.	94.	13.	84.	89.1	1.3	7.6	3.5
75-09-12	0950	326	15.	130.	13.	60.	88.7	1.3	8.8	3.6
75-09-13	1615	326	12.	60.	11.	44.	87.7	1.3	5.6	3.5
76-03-28	1845	326	1.	228.	L1.	76.	89.7	1.3	4.8	4.3
76-03-30	1630	326	6.	146.	4.	82.	88.7	1.2	2.0	4.3
76-05-07	1400	326	24.	132.	24.	132.	93.2	1.5	5.2	4.1
76-05-09	1245	326	26.	128.	25.	128.	94.0	1.5	5.2	4.0
76-07-01	0900	326	--	--	--	--	--	--	6.2	--
	1000	326	103.	148.	94.	104.	103.0	1.5	--	4.2
76-07-27	1245	326	15.	166.	12.	78.	88.5	1.3	4.7	4.2
76-08-22	1245	326	48.	170.	40.	66.	92.5	1.6	5.8	4.2
76-09-21	1100	326	7.	150.	6.	60.	84.8	1.4	5.1	3.7

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FA0003 LAT. 56D 9M 42S LONG. 120D 45M 7S
PEACE RIVER NEAR TAYLOR. RAILWAY BRIDGE. BRITISH COLUMBIA.

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	15102V PHOSPHORUS TOTAL DISSOLVED P MG/L	151021 PHOSPHORUS TOTAL DISSOLVED P MG/L	151022 PHOSPHORUS TOTAL DISSOLVED P MG/L	151023 PHOSPHORUS TOTAL DISSOLVED P MG/L	15406R PHOSPHORUS TOTAL P MG/L	154061 PHOSPHORUS TOTAL P MG/L	154062 PHOSPHORUS TOTAL P MG/L	154063 PHOSPHORUS TOTAL P MG/L
75-09-10	1145	326	--	--	--	--	.036	.022	.033	.041
	1215	326	--	--	--	--	.032	.032	.038	.030
75-09-11	1530	326	--	--	--	--	.026	.022	.024	.027
	1550	326	--	--	--	--	.024	.025	.021	.025
75-09-12	0930	326	--	--	--	--	.035	.035	.032	.036
	0950	326	--	--	--	--	.027	.028	.028	.029
75-09-13	1515	326	--	--	--	--	.031	.030	.030	.028
	1615	326	--	--	--	--	.028	.028	.032	.028
76-03-28	1815	326	--	--	--	--	.010	.009	.010	.011
	1845	326	--	--	--	--	.011	.009	.015	.012
76-03-30	1600	326	.004	.004	.003	.006	.028	.023	.023	.020
	1630	326	.007	.004	.002	.016	.014	.013	.014	.012
76-05-07	1330	326	.011	.010	.012	--	.137	.098	.150	.110
	1400	326	.008	.009	.007	.009	.049	.043	.062	.047
76-05-09	1230	326	--	--	--	--	.041	.043	.041	.041
	1245	326	--	--	--	--	.039	.039	.040	.040
76-07-01	0900	326	.010	.008	.012	.010	.391	.290	.512	.420
	1000	326	.009	.010	.008	.009	.233	.269	.185	.210
76-07-27	1200	326	.006	.007	.005	.007	.035	.035	.030	.031
	1245	326	.006	.008	.005	.005	.033	.032	.037	.031
76-08-22	1215	326	.007	.006	.008	.007	.150	.150	.150	.140
	1245	326	.004	.005	.004	.003	.095	.100	.094	.091
76-09-21	1030	326	.005	.005	.005	.005	.032	.042	.024	.031
	1100	326	.005	.004	.005	.005	.017	.015	.016	.015

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FA0003 LAT. 56D 9M 42S LONG. 120D 45M 7S
PEACE RIVER NEAR TAYLOR. RAILWAY BRIDGE. BRITISH COLUMBIA.

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	154064 PHOSPHORUS TOTAL P MG/L	154065 PHOSPHORUS TOTAL P MG/L	154066 PHOSPHORUS TOTAL P MG/L	16306L SULPHATE DISSOLVED SO4 MG/L	17206L CHLORIDE DISSOLVED CL MG/L	19103L POTASSIUM DISSOLVED K MG/L	20101L CALCIUM DISSOLVED CA MG/L	25104T MANGANESE DISSOLVED MN MG/L
75-09-10	1145	326	.041	.038	.041	--	--	--	--	--
	1215	326	.031	.032	.031	12.8	.6	.5	23.8	--
75-09-11	1530	326	.026	.025	.032	--	--	--	--	--
	1550	326	.029	.022	.021	12.8	.6	.5	23.1	--
75-09-12	0930	326	.042	.032	.032	--	--	--	--	--
	0950	326	.026	.026	.026	13.0	.6	.5	21.0	--
75-09-13	1515	326	.030	.037	.028	--	--	--	--	--
	1615	326	.028	.028	.025	12.5	.6	.5	25.9	--
76-03-28	1815	326	.008	.009	.010	--	--	--	--	--
	1845	326	.012	.009	.010	10.0	.6	.6	28.0	--
76-03-30	1600	326	.051	.021	.028	--	--	--	--	L.01
	1630	326	.011	.026	.010	10.9	.5	.5	32.3	L.01
76-05-07	1330	326	.092	.236	--	--	--	--	--	--
	1400	326	.047	.046	.046	11.1	.6	.6	28.7	--
76-05-09	1230	326	.041	.041	.040	--	--	--	--	--
	1245	326	.038	.040	.039	11.6	.8	.7	29.1	--
76-07-01	0900	326	.300	.454	.372	--	--	--	--	--
	1000	326	.209	.317	.210	12.7	.7	.8	31.0	--
76-07-27	1200	326	.040	.039	.034	--	--	--	--	--
	1245	326	.035	.028	.036	8.9	.7	.5	27.7	--
76-08-22	1215	326	.150	.150	.160	--	--	--	--	--
	1245	326	.092	.090	.100	10.8	.9	.7	27.5	--
76-09-21	1100	326	.016	.019	.020	9.0	.7	.5	25.6	--

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FA0003 LAT. 56D 9M 42S LONG. 120D 45M 7S
PEACE RIVER NEAR TAYLOR. RAILWAY BRIDGE. BRITISH COLUMBIA.

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	251041 MANGANESE DISSOLVED MN MG/L	251042 MANGANESE DISSOLVED MN MG/L	251043 MANGANESE DISSOLVED MN MG/L	25304P MANGANESE EXTRBLE. MN MG/L	25304W MANGANESE EXTRBLE. MN MG/L	253041 MANGANESE EXTRBLE. MN MG/L	253042 MANGANESE EXTRBLE. MN MG/L	253043 MANGANESE EXTRBLE. MN MG/L
76-03-28	1815	326	--	--	--	L.01	L.01	--	L.01	--
	1845	326	--	--	--	--	L.01	--	L.01	--
76-03-30	1600	326	L.01	L.01	L.01	L.01	Q.01	L.01	--	--
	1630	326	L.01	L.01	L.01	--	L.01	--	L.01	--
76-05-07	1330	326	--	--	--	.01	.01	--	--	.01
	1400	326	--	--	--	--	.01	--	--	.01
76-05-09	1230	326	--	--	--	L.01	L.01	--	--	L.01
	1245	326	--	--	--	--	L.01	--	--	L.01
76-07-01	0900	326	--	--	--	.04	--	--	--	--
76-07-27	1245	326	--	--	--	L.01	--	--	--	--
76-08-22	1215	326	--	--	--	.02	--	--	--	--
76-09-21	1030	326	--	--	--	L.01	--	--	--	--

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FA0003 LAT. 56D 9M 42S LONG. 120D 45M 7S
PEACE RIVER NEAR TAYLOR. RAILWAY BRIDGE. BRITISH COLUMBIA.

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	253044 MANGANESE EXTRBLE. MN MG/L	253045 MANGANESE EXTRBLE. MN MG/L	253046 MANGANESE EXTRBLE. MN MG/L	26105T IRON DISSOLVED FE MG/L	261051 IRON DISSOLVED FE MG/L	261052 IRON DISSOLVED FE MG/L	261053 IRON DISSOLVED FE MG/L	26304P IRON EXTRBLE. FE MG/L
76-03-28	1815	326	--	L.01	--	--	--	--	--	--
	1845	326	--	L.01	--	--	--	--	--	--
76-03-30	1600	326	L.01	--	.01	.014	.015	.010	.018	--
	1630	326	--	L.01	--	.015	.014	.016	.015	--
76-05-07	1330	326	--	--	--	--	--	--	--	.30
76-05-09	1230	326	--	--	--	--	--	--	--	.23
76-07-01	0900	326	--	--	--	--	--	--	--	.96
76-07-27	1245	326	--	--	--	--	--	--	--	.12
76-08-22	1215	326	--	--	--	--	--	--	--	.68
76-09-21	1030	326	--	--	--	--	--	--	--	.13

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FA0003 LAT. 56D 9M 42S LONG. 120D 45M 7S
PEACE RIVER NEAR TAYLOR. RAILWAY BRIDGE. BRITISH COLUMBIA.

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	26304W IRON EXTRBLE. FE MG/L	263041 IRON EXTRBLE. FE MG/L	263042 IRON EXTRBLE. FE MG/L	263043 IRON EXTRBLE. FE MG/L	263044 IRON EXTRBLE. FE MG/L	263045 IRON EXTRBLE. FE MG/L	263046 IRON EXTRBLE. FE MG/L	27302P COBALT EXTRBLE. CO MG/L
75-09-10	1145	326	.24	.23	.24	.35	.21	.21	.22	--
	1215	326	.26	.43	.23	.23	.23	.22	.20	--
75-09-11	1530	326	.16	.18	.19	.16	.15	.08	.18	--
	1550	326	.22	.28	.18	.16	.24	.22	.21	--
75-09-12	0930	326	.24	.23	.21	.19	.19	.31	.32	--
	0950	326	.24	.16	.31	.18	.28	.34	.16	--
75-09-13	1515	326	.22	.22	.23	.23	.17	.30	.19	--
	1615	326	.23	.20	.31	.21	.23	.22	.19	--
76-03-28	1815	326	*.06	.050 051	.05	.08	.07	.06	.07	L.001
	1845	326	.035 05W	.037 051	.034 052	.032 053	.050 054	.035 055	.034 056	--
76-03-30	1600	326	.19	.13	.13	.17	.17	.15	.39	L.001
	1630	326	*.09	.08	.10	.042 053	.12	.08	.11	--
76-05-07	1330	326	.41	.46	.44	.48	.38	.36	.36	L.001
	1400	326	.32	.34	.32	.33	.29	.30	.33	--
76-05-09	1230	326	.22	.25	.25	.25	.15	.17	.26	L.001
	1245	326	.25	.24	.22	.26	.23	.26	.26	--
76-07-01	0900	326	.68	.80	.83	.86	.43	.75	.41	L.001
	1000	326	.61	.41	.64	.68	.65	.65	--	--
76-07-27	1200	326	.11	.13	.09	.12	.10	.10	.10	--
	1245	326	.09	.09	.11	.11	.07	.07	.08	L.001
76-08-22	1215	326	.65	.72	.72	.56	.52	.64	.74	.001
	1245	326	.36	.28	.23	.47	.30	.46	.41	--
76-09-21	1030	326	.14	.13	.13	.12	.13	.19	.15	L.001
	1100	326	.10	.12	.09	.08	.10	.12	.10	--

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FA0003 LAT. 56D 9M 42S LONG. 120D 45M 7S
PEACE RIVER NEAR TAYLOR. RAILWAY BRIDGE. BRITISH COLUMBIA.

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	29305P COPPER EXTRBLE. CU MG/L	30305P ZINC EXTRBLE. ZN MG/L	33304L ARSENIC EXTRBLE. AS MG/L	34302L SELENIUM EXTRBLE. SE MG/L	48302P CADMIUM EXTRBLE. CD MG/L	56302P BARIUM EXTRBLE. BA MG/L	80311P MERCURY EXTRBLE. HG UG/L	82302P LEAD EXTRBLE. PB MG/L
76-03-28	1815	326	L.001	.001	--	--	L.0002	.11	L.05	.001
	1845	326	--	--	.0001	.0002	--	--	--	--
76-03-30	1600	326	L.001	L.001	--	--	L.0002	.11	L.05	.001
	1630	326	--	--	.0001	.0001	--	--	--	--
76-05-07	1330	326	.003	.004	--	--	--	--	--	.002
	1400	326	--	--	--	--	L.0002	--	--	--
76-05-09	1230	326	.002	.002	.0005	.0002	L.0002	--	--	.001
76-07-01	0900	326	.003	.004	.0014	.0047	L.0002	.20	L.05	L.001
76-07-27	1245	326	.003	.001	.0008	.0002	L.0002	.16	L.05	L.001
76-08-22	1215	326	.003	.005	.0010	.0003	.0002	.15	L.05	.001
76-09-21	1030	326	.001	.001	--	--	L.0002	.13	L.05	L.001
	1100	326	--	--	.0003	.0002	--	--	--	--

FOOTNOTE: L - LESS THAN DETECTION LIMIT G - GREATER THAN MEASUREMENT LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION G - PLUS GRAND QUE LA LIMITE MESURE

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FB0001 LAT. 56D 8M 12S LONG. 120D 42M 42S
PINE RIVER NEAR MOUTH. 3.2 KM. SOUTH OF TAYLOR. BRITISH COLUMBIA.

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	02011L COLOUR APPARENT REL. UNITS	02041L SPECIFIC CONDUCT. USIE/CM	02041S SPECIFIC CONDUCT. USIE/CM	02061L TEMP. WATER DEG.C.	02061S TEMP. WATER DEG.C.	02073L TURBIDITY JTU	06001R CARBON TOTAL ORGANIC C MG/L	060011 CARBON TOTAL ORGANIC C MG/L
75-09-10	0945	326	5.	230.	260.	19.7	11.0	22.0	5.1	--
75-09-11	1410	326	5.	235.	270.	19.5	12.0	15.0	3.7	--
75-09-12	1130	326	5.	245.	270.	19.9	12.0	4.2	2.0	--
75-09-13	1445	326	5.	251.	--	20.0	--	7.3	L1.0	L1.0
76-03-29	1215	326	15.	341.	380.	20.5	.0	20.0	7.1	6.9
76-03-31	1100	326	15.	340.	460.	21.0	.5	27.0	11.1	9.8
76-05-07	0930	326	40.	200.	--	22.5	5.0	125.0	13.5	--
76-05-10	1000	326	30.	194.	--	22.5	8.0	150.0	22.0	--
76-06-30	1850	326	70.	185.	--	21.2	13.5	160.0	--	--
76-07-27	1545	326	10.	186.	230.	20.3	16.0	5.7	3.7	2.8
76-08-22	1630	326	80.	236.	210.	19.3	20.0	98.0	6.2	4.6
76-09-21	1400	326	17.	256.	275.	21.5	11.5	9.4	Q1.3	L1.0

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	060012 CARBON TOTAL ORGANIC C MG/L	060013 CARBON TOTAL ORGANIC C MG/L	060014 CARBON TOTAL ORGANIC C MG/L	060015 CARBON TOTAL ORGANIC C MG/L	060016 CARBON TOTAL ORGANIC C MG/L	06051R CARBON TOTAL INORGANIC C MG/L	060511 CARBON TOTAL INORGANIC C MG/L	060512 CARBON TOTAL INORGANIC C MG/L
75-09-10	0945	326	--	4.8	5.4	--	--	27.4	--	--
75-09-11	1410	326	--	--	--	2.5	4.9	28.9	--	--
75-09-12	1130	326	2.1	--	--	1.8	--	29.9	--	29.7
75-09-13	1445	326	L1.0	--	--	--	--	30.4	30.9	29.9
76-03-29	1215	326	--	--	--	--	7.3	38.8	38.0	--
76-03-31	1100	326	--	--	--	--	12.3	37.9	38.0	--
76-05-07	0930	326	--	13.0	14.0	--	--	24.0	--	--
76-05-10	1000	326	--	24.0	20.0	--	--	21.5	--	--
76-07-27	1545	326	3.4	2.9	4.8	1.5	6.8	20.0	21.0	20.0
76-08-22	1630	326	6.6	5.1	7.4	6.6	6.9	26.5	27.0	26.0
76-09-21	1400	326	1.9	1.0	1.3	1.3	L1.0	32.2	32.0	31.0

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FB0001 LAT. 56D 8M 12S LONG. 120D 42M 42S
PINE RIVER NEAR MOUTH. 3.2 KM. SOUTH OF TAYLOR. BRITISH COLUMBIA.

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	060513 CARBON TOTAL INORGANIC C MG/L	060514 CARBON TOTAL INORGANIC C MG/L	060515 CARBON TOTAL INORGANIC C MG/L	060516 CARBON TOTAL INORGANIC C MG/L	06101R CARBON DISSOLVED ORGANIC C MG/L	061011 CARBON DISSOLVED ORGANIC C MG/L	061012 CARBON DISSOLVED ORGANIC C MG/L	061013 CARBON DISSOLVED ORGANIC C MG/L
75-09-10	0945	326	27.7	27.1	--	--	--	--	--	--
75-09-11	1410	326	--	--	29.1	28.7	--	--	--	--
75-09-12	1130	326	--	--	30.1	--	--	--	--	--
76-03-29	1215	326	--	--	--	39.5	--	--	--	--
76-03-31	1100	326	--	--	--	37.7	--	--	--	--
76-05-07	0930	326	24.0	24.0	--	--	--	--	--	--
76-05-10	1000	326	22.0	21.0	--	--	--	--	--	--
76-06-30	1850	326	--	--	--	--	5.1	4.5	3.7	4.9
76-07-27	1545	326	20.0	20.0	21.0	18.0	--	--	--	--
76-08-22	1630	326	27.0	26.0	26.0	27.0	--	--	--	--
76-09-21	1400	326	32.0	33.0	32.0	33.0	--	--	--	--

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	061014 CARBON DISSOLVED ORGANIC C MG/L	061015 CARBON DISSOLVED ORGANIC C MG/L	061016 CARBON DISSOLVED ORGANIC C MG/L	06151R CARBON DISSOLVED INORGANIC C MG/L	061511 CARBON DISSOLVED INORGANIC C MG/L	061512 CARBON DISSOLVED INORGANIC C MG/L	061513 CARBON DISSOLVED INORGANIC C MG/L	061514 CARBON DISSOLVED INORGANIC C MG/L
76-06-30	1850	326	5.1	5.2	6.9	22.0	23.0	23.0	22.0	22.0

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FB0001 LAT. 56D 8M 12S LONG. 120D 42M 42S
PINE RIVER NEAR MOUTH. 3.2 KM. SOUTH OF TAYLOR. BRITISH COLUMBIA.

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	061515 CARBON DISSOLVED INORGANIC C MG/L	061516 CARBON DISSOLVED INORGANIC C MG/L	06536W PHENOLIC MATERIAL PHENOL MG/L	065361 PHENOLIC MATERIAL PHENOL MG/L	065362 PHENOLIC MATERIAL PHENOL MG/L	065363 PHENOLIC MATERIAL PHENOL MG/L	06552L TANNIN AND LIGNIN LIG.SULPH. MG/L	06903R CARBON PARTICULATE C MG/L
75-09-10	0945	326	--	--	--	--	--	--	.24	--
75-09-11	1410	326	--	--	--	--	--	--	.20	--
75-09-12	1130	326	--	--	--	--	--	--	.14	--
75-09-13	1445	326	--	--	--	--	--	--	.14	--
76-03-29	1215	326	--	--	--	--	--	--	--	.82
76-05-07	0930	326	--	--	Q.0006	L.0005	.0010	L.0005	--	--
76-06-30	1850	326	22.0	20.0	L.0005	L.0005	L.0005	L.0005	--	--
76-08-22	1630	326	--	--	L.0005	L.0005	L.0005	L.0005	--	--

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	069031 CARBON PARTICULATE C MG/L	069032 CARBON PARTICULATE C MG/L	07110R NITROGEN DISSOLVED NO3 & NO2 N MG/L	071101 NITROGEN DISSOLVED NO3 & NO2 N MG/L	071102 NITROGEN DISSOLVED NO3 & NO2 N MG/L	071103 NITROGEN DISSOLVED NO3 & NO2 N MG/L	071104 NITROGEN DISSOLVED NO3 & NO2 N MG/L	071105 NITROGEN DISSOLVED NO3 & NO2 N MG/L
75-09-10	0945	326	--	--	.008	.010	.008	.006	.007	.007
75-09-11	1410	326	--	--	.030	.005	.003	.017	.145	.006
75-09-12	1130	326	--	--	.009	.009	.003	.006	.006	.005
75-09-13	1445	326	--	--	.006	.010	.005	.004	.004	.004
76-03-29	1215	326	.83	.80	.089	.078	.078	.077	.078	.076
76-03-31	1100	326	--	--	.074	.075	.071	.071	.071	.071
76-05-07	0930	326	--	--	.103	.108	.102	.100	.100	.104
76-05-10	1000	326	--	--	.092	.090	.093	.092	.092	.092
76-06-30	1850	326	--	--	.059	.056	.084	.077	.069	.035
76-07-27	1545	326	--	--	.029	.005	.041	.007	.006	.072
76-08-22	1630	326	--	--	.021	.017	.026	.015	.015	.037
76-09-21	1400	326	--	--	Q.055	.054	.078	.003	L.002	.114

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FB0001 LAT. 56D 8M 12S LONG. 120D 42M 42S
PINE RIVER NEAR MOUTH. 3.2 KM. SOUTH OF TAYLOR. BRITISH COLUMBIA.

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	071106 NITROGEN DISSOLVED NO3 & NO2 N MG/L	07557R NITROGEN DISSOLVED AMMONIA N MG/L	075571 NITROGEN DISSOLVED AMMONIA N MG/L	075572 NITROGEN DISSOLVED AMMONIA N MG/L	075573 NITROGEN DISSOLVED AMMONIA N MG/L	075574 NITROGEN DISSOLVED AMMONIA N MG/L	075575 NITROGEN DISSOLVED AMMONIA N MG/L	075576 NITROGEN DISSOLVED AMMONIA N MG/L
75-09-10	0945	326	.010	.024	.015	.019	.026	.040	.019	.024
75-09-11	1410	326	.005	.026	.018	.018	.018	.059	.023	.019
75-09-12	1130	326	.022	.030	.020	.012	.021	.020	.085	.020
75-09-13	1445	326	.011	.015	.015	.015	.016	.014	.014	.014
76-03-29	1215	326	.145	.020	.018	.016	.017	.020	.017	.034
76-03-31	1100	326	.087	.016	.015	.016	.015	.016	.015	.021
76-05-07	0930	326	.102	.016	.016	.015	.014	.014	.020	.016
76-05-10	1000	326	.092	.015	.014	.015	.015	.015	.014	.016
76-06-30	1850	326	.030	.034	.030	.031	.043	.032	.034	.031
76-07-27	1545	326	.040	.008	.005	.008	.008	.006	.011	.009
76-08-22	1630	326	.015	.021	.021	.020	.019	.019	.019	.025
76-09-21	1400	326	.076	.009	.007	.009	.002	.002	.023	.011

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	07651R NITROGEN DISSOLVED N MG/L	076511 NITROGEN DISSOLVED N MG/L	076512 NITROGEN DISSOLVED N MG/L	076513 NITROGEN DISSOLVED N MG/L	076514 NITROGEN DISSOLVED N MG/L	076515 NITROGEN DISSOLVED N MG/L	076516 NITROGEN DISSOLVED N MG/L	07903R NITROGEN PARTICULATE N MG/L
75-09-10	0945	326	.187	.205	.168	--	--	--	--	--
75-09-11	1410	326	.098	.109	.086	--	--	--	--	--
75-09-12	1130	326	.117	--	--	.123	.111	--	--	--
75-09-13	1445	326	.095	--	--	.093	.096	--	--	--
76-03-29	1215	326	.177	.181	.172	--	--	--	--	.065
76-03-31	1100	326	.168	.171	.165	--	--	--	--	--
76-05-07	0930	326	.350	.350	.350	--	--	--	--	--
76-05-10	1000	326	.274	.274	.274	--	--	--	--	--
76-06-30	1850	326	.218	.213	.240	.225	.220	.228	.180	--
76-07-27	1545	326	.084	.060	.095	.065	.065	.116	.100	--
76-08-22	1630	326	.198	.190	.206	.195	.192	.216	.190	--
76-09-21	1400	326	.120	.126	.170	.071	.065	.145	.141	--

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FB0001 LAT. 56D 8M 12S LONG. 120D 42M 42S
PINE RIVER NEAR MOUTH. 3.2 KM. SOUTH OF TAYLOR. BRITISH COLUMBIA.

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	079031 NITROGEN PARTICULATE N MG/L	079032 NITROGEN PARTICULATE N MG/L	09106L FLUORIDE DISSOLVED F MG/L	10101L ALKALINITY TOTAL CACO3 MG/L	10151L ALKALINITY PHENOL PHTHALEIN CACO3 MG/L	10301L PH PH UNITS	10301S PH PH UNITS	10401L RESIDUE NONFILTR. MG/L
75-09-10	0945	326	--	--	.057	113.0	.0	8.3	8.0	22.
75-09-11	1410	326	--	--	.062	108.0	.0	8.2	7.8	15.
75-09-12	1130	326	--	--	.060	117.0	.0	8.2	7.7	4.
75-09-13	1445	326	--	--	.061	119.0	.0	8.2	--	8.
76-03-29	1215	326	.068	.062	.105	160.0	.0	7.9	7.9	22.
76-03-31	1100	326	--	--	.110	157.0	.0	7.6	7.6	26.
76-05-07	0930	326	--	--	.160	94.3	.0	8.0	8.1	280.
76-05-10	1000	326	--	--	.128	92.0	.0	8.0	8.0	643.
76-06-30	1850	326	--	--	.085	86.7	.0	8.0	7.8	342.
76-07-27	1545	326	--	--	.057	91.5	.0	8.2	8.1	31.
76-08-22	1630	326	--	--	.082	117.0	.0	8.1	8.3	154.
76-09-21	1400	326	--	--	.080	123.0	.0	7.8	7.5	14.

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	10451L RESIDUE FILTERABLE MG/L	10501L RESIDUE FIXED NONFILTR. MG/L	10551L RESIDUE FIXED FILTERABLE MG/L	10603L HARDNESS TOTAL CACO3 MG/L	11103L SODIUM DISSOLVED NA MG/L	12101L MAGNESIUM DISSOLVED (CALCD.) MG MG/L	14105L SILICA REACTIVE SIO2 MG/L	15102V PHOSPHORUS TOTAL DISSOLVED P MG/L
75-09-10	0945	326	136.	20.	68.	121.0	2.0	7.6	2.5	--
75-09-11	1410	326	122.	15.	98.	117.0	2.0	14.8	2.4	--
75-09-12	1130	326	158.	3.	66.	128.0	2.2	8.0	2.5	--
75-09-13	1445	326	144.	7.	92.	133.0	2.3	8.3	2.5	--
76-03-29	1215	326	242.	19.	180.	180.0	4.5	10.6	3.7	.009
76-03-31	1100	326	238.	23.	82.	174.0	4.7	7.9	3.7	--
76-05-07	0930	326	142.	260.	114.	105.0	1.4	1.2	3.4	.045
76-05-10	1000	326	168.	613.	168.	103.0	1.4	5.6	3.3	--
76-06-30	1850	326	156.	314.	128.	97.5	1.7	6.1	3.6	.007
76-07-27	1545	326	164.	28.	132.	101.0	1.3	6.2	2.4	.005
76-08-22	1630	326	202.	140.	140.	124.0	2.3	8.7	3.6	.010
76-09-21	1400	326	197.	11.	56.	132.0	2.3	8.6	2.8	.005

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FB0001 LAT. 56D 8M 12S LONG. 120D 42M 42S
PINE RIVER NEAR MOUTH. 3.2 KM. SOUTH OF TAYLOR. BRITISH COLUMBIA.

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	151021 PHOSPHORUS TOTAL DISSOLVED P MG/L	151022 PHOSPHORUS TOTAL DISSOLVED P MG/L	151023 PHOSPHORUS TOTAL DISSOLVED P MG/L	15406R PHOSPHORUS TOTAL P MG/L	154061 PHOSPHORUS TOTAL P MG/L	154062 PHOSPHORUS TOTAL P MG/L	154063 PHOSPHORUS TOTAL P MG/L	154064 PHOSPHORUS TOTAL P MG/L
75-09-10	0945	326	--	--	--	.040	.043	.034	.040	.042
75-09-11	1410	326	--	--	--	.025	.024	.024	.025	.026
75-09-12	1130	326	--	--	--	.019	.018	.022	.022	.017
75-09-13	1445	326	--	--	--	.027	.024	.024	.027	.027
76-03-29	1215	326	.012	.008	.007	.035	.031	.035	.033	.044
76-03-31	1100	326	--	--	--	.039	.038	.039	.039	.039
76-05-07	0930	326	.014	.070	.050	.681	.649	.670	.641	.726
76-05-10	1000	326	--	--	--	1.410	1.340	1.390	1.440	1.280
76-06-30	1850	326	.007	.006	.007	.609	.580	.680	.680	.565
76-07-27	1545	326	.004	.005	--	.041	.036	.046	.044	.039
76-08-22	1630	326	.009	.010	.012	.248	.240	.240	.260	.260
76-09-21	1400	326	.008	.003	.004	.021	.019	.021	.020	.021

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	154065 PHOSPHORUS TOTAL P MG/L	154066 PHOSPHORUS TOTAL P MG/L	16306L SULPHATE DISSOLVED SO4 MG/L	17206L CHLORIDE DISSOLVED CL MG/L	19103L POTASSIUM DISSOLVED K MG/L	20101L CALCIUM DISSOLVED CA MG/L	25104T MANGANESE DISSOLVED MN MG/L	251041 MANGANESE DISSOLVED MN MG/L
75-09-10	0945	326	.041	.041	14.5	.9	.5	35.9	--	--
75-09-11	1410	326	.024	.024	15.3	.8	.5	22.5	--	--
75-09-12	1130	326	.017	.018	15.9	.8	.4	38.0	--	--
75-09-13	1445	326	.026	.032	16.2	.8	.5	39.6	--	--
76-03-29	1215	326	.034	.035	25.0	1.9	.9	54.6	L.01	L.01
76-03-31	1100	326	.040	.038	27.0	1.8	1.0	56.6	--	--
76-05-07	0930	326	.746	.654	8.6	1.0	1.0	40.0	--	--
76-05-10	1000	326	1.460	1.550	9.1	.8	.9	32.0	--	--
76-06-30	1850	326	.560	.590	12.7	1.6	1.9	29.0	--	--
76-07-27	1545	326	.043	.040	7.7	.6	.6	30.3	--	--
76-08-22	1630	326	.250	.240	12.9	.9	.8	35.4	--	--
76-09-21	1400	326	.022	.021	12.6	.8	.5	38.7	--	--

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FB0001
PINE RIVER NEAR MOUTH. 3.2 KM. SOUTH OF TAYLOR. LAT. 56D 8M 12S LONG. 120D 42M 42S
BRITISH COLUMBIA.

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	251042 MANGANESE DISSOLVED MN MG/L	251043 MANGANESE DISSOLVED MN MG/L	25304P MANGANESE EXTRBLE. MN MG/L	25304W MANGANESE EXTRBLE. MN MG/L	253041 MANGANESE EXTRBLE. MN MG/L	253042 MANGANESE EXTRBLE. MN MG/L	253043 MANGANESE EXTRBLE. MN MG/L	253044 MANGANESE EXTRBLE. MN MG/L
76-03-29	1215	326	L.01	L.01	L.01	.02	.02	.02	.01	.02
76-03-31	1100	326	--	--	.02	.03	.02	.03	.03	.02
76-05-07	0930	326	--	--	.15	.17	.16	.18	.18	.16
76-05-10	1000	326	--	--	.31	.41	.48	.36	.32	.36
76-06-30	1850	326	--	--	.19	--	--	--	--	--
76-07-27	1545	326	--	--	.01	--	--	--	--	--
76-08-22	1630	326	--	--	.05	--	--	--	--	--
76-09-21	1400	326	--	--	.01	--	--	--	--	--

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	253045 MANGANESE EXTRBLE. MN MG/L	253046 MANGANESE EXTRBLE. MN MG/L	26105T IRON DISSOLVED FE MG/L	261051 IRON DISSOLVED FE MG/L	261052 IRON DISSOLVED FE MG/L	261053 IRON DISSOLVED FE MG/L	26304P IRON EXTRBLE. FE MG/L	26304W IRON EXTRBLE. FE MG/L
75-09-10	0945	326	--	--	--	--	--	--	--	.31
75-09-11	1410	326	--	--	--	--	--	--	--	.28
75-09-12	1130	326	--	--	--	--	--	--	--	.24
75-09-13	1445	326	--	--	--	--	--	--	--	.24
76-03-29	1215	326	.02	.02	.023	.022	.025	.022	--	.39
76-03-31	1100	326	.03	.03	--	--	--	--	--	.30
76-05-07	0930	326	.14	.17	--	--	--	--	2.30	1.85
76-05-10	1000	326	.52	.40	--	--	--	--	1.50	1.77
76-06-30	1850	326	--	--	--	--	--	--	3.50	2.80
76-07-27	1545	326	--	--	--	--	--	--	.24	.22
76-08-22	1630	326	--	--	--	--	--	--	.80	1.26
76-09-21	1400	326	--	--	--	--	--	--	.31	.30

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FB0001 LAT. 56D 8M 12S LONG. 120D 42M 42S
PINE RIVER NEAR MOUTH. 3.2 KM. SOUTH OF TAYLOR. BRITISH COLUMBIA.

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	263041 IRON EXTRBLE. FE MG/L	263042 IRON EXTRBLE. FE MG/L	263043 IRON EXTRBLE. FE MG/L	263044 IRON EXTRBLE. FE MG/L	263045 IRON EXTRBLE. FE MG/L	263046 IRON EXTRBLE. FE MG/L	27302P COBALT EXTRBLE. CO MG/L	28302P NICKEL EXTRBLE. NI MG/L
75-09-10	0945	326	.37	.35	.37	.35	.35	.18	--	--
75-09-11	1410	326	.26	.36	.27	.27	.23	.27	--	--
75-09-12	1130	326	.23	.23	.24	.24	.23	.24	--	--
75-09-13	1445	326	.22	.26	.24	.23	.23	.24	--	--
76-03-29	1215	326	.24	.38	.27	.38	.53	.56	L.001	.001
76-03-31	1100	326	.38	.21	.27	.24	.27	.43	L.001	L.001
76-05-07	0930	326	1.40	2.50	1.10	2.60	1.00	2.50	.003	.007
76-05-10	1000	326	1.20	2.60	1.80	1.50	.74	2.80	.006	.010
76-06-30	1850	326	2.80	2.80	2.80	2.80	2.80	2.80	.004	.007
76-07-27	1545	326	.21	.20	.24	.23	.23	.21	.001	.001
76-08-22	1630	326	1.50	1.40	1.40	1.40	.90	.95	.002	.004
76-09-21	1400	326	.32	.30	.29	.27	.30	.32	L.001	L.001

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	29305P COPPER EXTRBLE. CU MG/L	30305P ZINC EXTRBLE. ZN MG/L	33304L ARSENIC EXTRBLE. AS MG/L	34302L SELENIUM EXTRBLE. SE MG/L	48302P CADMIUM EXTRBLE. CD MG/L	56302P BARIUM EXTRBLE. BA MG/L	80311P MERCURY EXTRBLE. HG UG/L	82302P LEAD EXTRBLE. PB MG/L
76-03-29	1215	326	.001	.001	.0002	.0003	L.0002	.29	L.05	.001
76-03-31	1100	326	.001	.001	.0002	.0003	L.0002	.26	L.05	.001
76-05-07	0930	326	.008	.017	--	--	L.0002	--	--	.004
76-05-10	1000	326	.013	.03 04P	.0090	.0009	.0007	--	--	.008
76-06-30	1850	326	.010	.014	.0054	.0008	.0004	.38	L.05	.002
76-07-27	1545	326	.002	L.001	.0006	.0003	L.0002	.22	L.05	L.001
76-08-22	1630	326	.003	.007	.0022	.0004	.0003	.24	L.05	.001
76-09-21	1400	326	.001	.001	.0005	.0002	L.0002	.24	L.05	L.001

FOOTNOTE: L - LESS THAN DETECTION LIMIT G - GREATER THAN MEASUREMENT LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION G - PLUS GRAND QUE LA LIMITE MESURE

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FC0002 LAT. 56D 16M 41S LONG. 120D 42M 5S
BEATTON RIVER 9.92 KM. ENE OF FORT ST JOHN. HIGHWAY BRIDGE. BRITISH COLUMBIA.

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	02011L COLOUR APPARENT REL. UNITS	02041L SPECIFIC CONDUCT. USIE/CM	02041S SPECIFIC CONDUCT. USIE/CM	02061L TEMP. WATER DEG.C.	02061S TEMP. WATER DEG.C.	02073L TURBIDITY JTU	06001R CARBON TOTAL ORGANIC C MG/L	060011 CARBON TOTAL ORGANIC C MG/L
76-03-29	1600	326	90.	805.	880.	20.6	.5	110.0	56.5	66.9
76-03-31	1240	326	150.	438.	480.	20.9	.0	260.0	38.9	41.9
76-05-07	1630	326	60.	118.	--	22.5	13.0	160.0	32.5	--
76-05-10	1230	326	50.	121.	--	22.4	12.5	125.0	28.5	--
76-07-01	1245	326	120.	137.	--	21.4	17.0	190.0	--	--
76-07-27	0845	326	180.	183.	210.	20.0	17.0	54.0	27.0	27.0
76-08-22	0900	326	400.	139.	100.	19.5	12.0	550.0	40.5	39.0
76-09-21	0830	326	320.	202.	217.	21.4	10.0	39.0	32.0	32.0

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	060012 CARBON TOTAL ORGANIC C MG/L	060013 CARBON TOTAL ORGANIC C MG/L	060014 CARBON TOTAL ORGANIC C MG/L	060015 CARBON TOTAL ORGANIC C MG/L	060016 CARBON TOTAL ORGANIC C MG/L	06051R CARBON TOTAL INORGANIC C MG/L	060511 CARBON TOTAL INORGANIC C MG/L	060512 CARBON TOTAL INORGANIC C MG/L
76-03-29	1600	326	51.3	--	--	50.0	57.8	59.2	51.9	61.9
76-03-31	1240	326	--	--	38.6	--	36.2	34.3	35.1	--
76-05-07	1630	326	--	33.0	32.0	--	--	5.6	--	--
76-05-10	1230	326	--	29.0	28.0	--	--	6.2	--	--
76-07-27	0845	326	26.0	26.0	26.0	28.0	29.0	12.2	13.0	14.0
76-08-22	0900	326	41.0	39.0	42.0	41.0	41.0	6.6	6.8	6.3
76-09-21	0830	326	34.0	32.0	31.0	31.0	32.0	14.3	14.0	14.0

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FC0002 LAT. 56D 16M 41S LONG. 120D 42M 5S
BEATTON RIVER 9.92 KM. ENE OF FORT ST JOHN. HIGHWAY BRIDGE. BRITISH COLUMBIA.

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	060513 CARBON TOTAL INORGANIC C MG/L	060514 CARBON TOTAL INORGANIC C MG/L	060515 CARBON TOTAL INORGANIC C MG/L	060516 CARBON TOTAL INORGANIC C MG/L	06101R CARBON DISSOLVED ORGANIC C MG/L	061011 CARBON DISSOLVED ORGANIC C MG/L	061012 CARBON DISSOLVED ORGANIC C MG/L	061013 CARBON DISSOLVED ORGANIC C MG/L
76-03-29	1600	326	--	--	61.9	61.0	--	--	--	--
76-03-31	1240	326	--	34.6	--	33.2	--	--	--	--
76-05-07	1630	326	5.6	5.6	--	--	--	--	--	--
76-05-10	1230	326	6.6	5.8	--	--	--	--	--	--
76-07-01	1245	326	--	--	--	--	24.5	25.0	24.0	26.0
76-07-27	0845	326	12.0	11.0	12.0	11.0	--	--	--	--
76-08-22	0900	326	6.3	6.8	6.8	6.3	--	--	--	--
76-09-21	0830	326	14.0	14.0	15.0	15.0	--	--	--	--

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	061014 CARBON DISSOLVED ORGANIC C MG/L	061015 CARBON DISSOLVED ORGANIC C MG/L	061016 CARBON DISSOLVED ORGANIC C MG/L	06151R CARBON DISSOLVED INORGANIC C MG/L	061511 CARBON DISSOLVED INORGANIC C MG/L	061512 CARBON DISSOLVED INORGANIC C MG/L	061513 CARBON DISSOLVED INORGANIC C MG/L	061514 CARBON DISSOLVED INORGANIC C MG/L
76-07-01	1245	326	24.0	24.0	24.0	7.2	8.3	7.0	6.7	7.0

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	061515 CARBON DISSOLVED INORGANIC C MG/L	061516 CARBON DISSOLVED INORGANIC C MG/L	06536W PHENOLIC MATERIAL PHENOL MG/L	065361 PHENOLIC MATERIAL PHENOL MG/L	065362 PHENOLIC MATERIAL PHENOL MG/L	065363 PHENOLIC MATERIAL PHENOL MG/L	06903R CARBON PARTICULATE C MG/L	069031 CARBON PARTICULATE C MG/L
76-03-29	1600	326	--	--	--	--	--	--	3.28	3.22
76-05-07	1630	326	--	--	L.0005	L.0005	L.0005	L.0005	--	--
76-07-01	1245	326	6.7	7.3	.0006	.0006	.0005	.0007	--	--
76-08-22	0900	326	--	--	.0005	.0005	.0005	.0005	--	--

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FC0002 LAT. 56D 16M 41S LONG. 120D 42M 5S
BEATTON RIVER 9.92 KM. ENE OF FORT ST JOHN. HIGHWAY BRIDGE. BRITISH COLUMBIA.

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	069032 CARBON PARTICULATE C MG/L	07110R NITROGEN DISSOLVED NO3 & NO2 N MG/L	071101 NITROGEN DISSOLVED NO3 & NO2 N MG/L	071102 NITROGEN DISSOLVED NO3 & NO2 N MG/L	071103 NITROGEN DISSOLVED NO3 & NO2 N MG/L	071104 NITROGEN DISSOLVED NO3 & NO2 N MG/L	071105 NITROGEN DISSOLVED NO3 & NO2 N MG/L	071106 NITROGEN DISSOLVED NO3 & NO2 N MG/L
76-03-29	1600	326	3.33	.657	.650	.650	.660	.660	.660	.660
76-03-31	1240	326	--	.708	.720	.710	.700	.700	.710	.710
76-05-07	1630	326	--	.011	.010	.009	.010	.012	.010	.016
76-05-10	1230	326	--	.011	.012	.010	.010	.011	.010	.011
76-07-01	1245	326	--	.040	.041	.035	.041	.061	.037	.022
76-07-27	0845	326	--	.039	.078	.038	.021	.018	.058	.021
76-08-22	0900	326	--	.091	.084	.088	.103	.089	.089	.095
76-09-21	0830	326	--	.032	.021	.033	.020	.041	.049	.028

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	07557R NITROGEN DISSOLVED AMMONIA N MG/L	075571 NITROGEN DISSOLVED AMMONIA N MG/L	075572 NITROGEN DISSOLVED AMMONIA N MG/L	075573 NITROGEN DISSOLVED AMMONIA N MG/L	075574 NITROGEN DISSOLVED AMMONIA N MG/L	075575 NITROGEN DISSOLVED AMMONIA N MG/L	075576 NITROGEN DISSOLVED AMMONIA N MG/L	07651R NITROGEN DISSOLVED N MG/L
76-03-29	1600	326	.042	.037	.041	.039	.039	.042	.052	1.650
76-03-31	1240	326	.480	.440	.460	.550	.470	.470	.490	2.000
76-05-07	1630	326	.028	.029	.024	.027	.028	.029	.032	.643
76-05-10	1230	326	.025	.023	.025	.024	.026	.026	.027	.630
76-07-01	1245	326	.061	.060	.067	.077	.053	.067	.040	.609
76-07-27	0845	326	.028	.033	.033	.025	.025	.025	.025	.669
76-08-22	0900	326	.140	.124	.134	.140	.140	.146	.153	.806
76-09-21	0830	326	.022	.018	.028	.018	.020	.029	.019	.668

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FC0002 LAT. 56D 16M 41S LONG. 120D 42M 5S
BEATTON RIVER 9.92 KM. ENE OF FORT ST JOHN. HIGHWAY BRIDGE. BRITISH COLUMBIA.

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	076511 NITROGEN DISSOLVED N MG/L	076512 NITROGEN DISSOLVED N MG/L	076513 NITROGEN DISSOLVED N MG/L	076514 NITROGEN DISSOLVED N MG/L	076515 NITROGEN DISSOLVED N MG/L	076516 NITROGEN DISSOLVED N MG/L	07903R NITROGEN PARTICULATE N MG/L	079031 NITROGEN PARTICULATE N MG/L
76-03-29	1600	326	1.850	1.450	--	--	--	--	.445	.430
76-03-31	1240	326	2.040	1.960	--	--	--	--	--	--
76-05-07	1630	326	.642	.643	--	--	--	--	--	--
76-05-10	1230	326	.630	.630	--	--	--	--	--	--
76-07-01	1245	326	.620	.610	.612	.615	.592	.605	--	--
76-07-27	0845	326	.720	.745	.626	.635	.675	.613	--	--
76-08-22	0900	326	.815	.818	.815	.800	.800	.785	--	--
76-09-21	0830	326	.650	.672	.655	.705	.680	.645	--	--

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	079032 NITROGEN PARTICULATE N MG/L	09106L FLUORIDE DISSOLVED F MG/L	10101L ALKALINITY TOTAL CACO3 MG/L	10151L ALKALINITY PHENOL PHTHALEIN CACO3 MG/L	10301L PH PH UNITS	10301S PH PH UNITS	10401L RESIDUE NONFILTR. MG/L	10451L RESIDUE FILTERABLE MG/L
76-03-29	1600	326	.460	.245	276.0	.0	8.0	7.9	126.	548.
76-03-31	1240	326	--	.195	133.0	.0	7.7	7.5	532.	288.
76-05-07	1630	326	--	.125	28.0	.0	7.2	7.8	243.	148.
76-05-10	1230	326	--	.125	29.0	.0	7.3	7.5	181.	166.
76-07-01	1245	326	--	.093	30.6	.0	7.3	7.2	353.	164.
76-07-27	0845	326	--	.086	52.2	.0	7.7	7.7	63.	176.
76-08-22	0900	326	--	.089	32.4	.0	7.4	7.8	802.	152.
76-09-21	0830	326	--	.094	54.9	.0	7.3	7.7	52.	198.

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FC0002 LAT. 56D 16M 41S LONG. 120D 42M 5S
BEATTON RIVER 9.92 KM. ENE OF FORT ST JOHN. HIGHWAY BRIDGE. BRITISH COLUMBIA.

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	10501L RESIDUE FIXED NONFILTR. MG/L	10551L RESIDUE FIXED FILTERABLE MG/L	10603L HARDNESS TOTAL CACO3 MG/L	11103L SODIUM DISSOLVED NA MG/L	12101L MAGNESIUM DISSOLVED (CALCD.) MG MG/L	14105L SILICA REACTIVE SIO2 MG/L	15102V PHOSPHORUS TOTAL DISSOLVED P MG/L	151021 PHOSPHORUS TOTAL DISSOLVED P MG/L
76-03-29	1600	326	113.	466.	257.0	90.0	16.6	7.2	.084	.066
76-03-31	1240	326	508.	186.	140.0	40.0	9.4	6.0	--	--
76-05-07	1630	326	227.	86.	48.4	--	2.7	--	--	--
76-05-10	1230	326	167.	166.	48.4	--	2.6	--	--	--
76-07-01	1245	326	328.	112.	62.8	4.5	4.0	5.4	.022	.018
76-07-27	0845	326	54.	125.	86.1	8.1	3.4	5.6	.021	.020
76-08-22	0900	326	736.	58.	62.5	4.1	3.5	6.9	.030	.028
76-09-21	0830	326	46.	84.	86.0	9.1	5.5	6.3	.038	.040

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	151022 PHOSPHORUS TOTAL DISSOLVED P MG/L	151023 PHOSPHORUS TOTAL DISSOLVED P MG/L	15406R PHOSPHORUS TOTAL P MG/L	154061 PHOSPHORUS TOTAL P MG/L	154062 PHOSPHORUS TOTAL P MG/L	154063 PHOSPHORUS TOTAL P MG/L	154064 PHOSPHORUS TOTAL P MG/L	154065 PHOSPHORUS TOTAL P MG/L
76-03-29	1600	326	.088	.098	.213	.210	.220	.210	.210	.210
76-03-31	1240	326	--	--	.685	.670	.663	.720	.664	.675
76-07-01	1245	326	.019	.028	.922	.945	.955	.909	.906	.886
76-07-27	0845	326	.020	.022	.108	.107	.111	.103	.103	.111
76-08-22	0900	326	.032	--	1.878	1.880	1.990	1.740	1.820	1.950
76-09-21	0830	326	.036	--	.095	.094	.093	.094	.095	.097

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	154066 PHOSPHORUS TOTAL P MG/L	16306L SULPHATE DISSOLVED SO4 MG/L	17206L CHLORIDE DISSOLVED CL MG/L	19103L POTASSIUM DISSOLVED K MG/L	20101L CALCIUM DISSOLVED CA MG/L	25104T MANGANESE DISSOLVED MN MG/L	251041 MANGANESE DISSOLVED MN MG/L	251042 MANGANESE DISSOLVED MN MG/L
76-03-29	1600	326	.220	155.0	7.8	.6	75.5	.24	.24	.24
76-03-31	1240	326	.720	84.0	7.0	9.0	40.5	--	--	--
76-05-07	1630	326	--	--	--	--	15.0	--	--	--
76-05-10	1230	326	--	--	--	--	15.1	--	--	--
76-07-01	1245	326	.930	36.0	2.8	3.2	18.5	--	--	--
76-07-27	0845	326	.110	39.5	2.2	1.4	28.9	--	--	--
76-08-22	0900	326	1.890	34.3	4.4	3.7	19.2	--	--	--
76-09-21	0830	326	.097	40.0	3.3	2.3	25.4	--	--	--

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FC0002 LAT. 56D 16M 41S LONG. 120D 42M 5S
BEATTON RIVER 9.92 KM. ENE OF FORT ST JOHN. HIGHWAY BRIDGE. BRITISH COLUMBIA.

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	251043 MANGANESE DISSOLVED MN MG/L	25304P MANGANESE EXTRBLE. MN MG/L	25304W MANGANESE EXTRBLE. MN MG/L	253041 MANGANESE EXTRBLE. MN MG/L	253042 MANGANESE EXTRBLE. MN MG/L	253043 MANGANESE EXTRBLE. MN MG/L	253044 MANGANESE EXTRBLE. MN MG/L	253045 MANGANESE EXTRBLE. MN MG/L
76-03-29	1600	326	.24	.28	.27	.28	.28	.24	.28	.28
76-03-31	1240	326	--	.24	.28	.28	.24	.28	.28	.24
76-05-07	1630	326	--	.08	.11	.13	.11	.11	.10	.10
76-05-10	1230	326	--	.05	.06	.07	--	.05	--	--
76-07-01	1245	326	--	.32	--	--	--	--	--	--
76-07-27	0845	326	--	.05	--	--	--	--	--	--
76-08-22	0900	326	--	.33	--	--	--	--	--	--
76-09-21	0830	326	--	.06	--	--	--	--	--	--

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	253046 MANGANESE EXTRBLE. MN MG/L	26104T IRON DISSOLVED FE MG/L	261041 IRON DISSOLVED FE MG/L	261042 IRON DISSOLVED FE MG/L	261043 IRON DISSOLVED FE MG/L	26304P IRON EXTRBLE. FE MG/L	26304W IRON EXTRBLE. FE MG/L	263041 IRON EXTRBLE. FE MG/L
76-03-29	1600	326	.28	.61 04T	.64 041	.60 042	.58 043	--	1.43	1.20
76-03-31	1240	326	.36	--	--	--	--	--	1.37	1.60
76-05-07	1630	326	.09	--	--	--	--	2.00	2.67	3.00
76-05-10	1230	326	.07	--	--	--	--	1.20	2.05	2.00
76-07-01	1245	326	--	--	--	--	--	9.20	2.92	2.00
76-07-27	0845	326	--	--	--	--	--	1.70	1.62	1.70
76-08-22	0900	326	--	--	--	--	--	6.30	8.40	3.00
76-09-21	0830	326	--	--	--	--	--	2.30	2.37	2.40

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FC0002 LAT. 56D 16M 41S LONG. 120D 42M 5S
BEATTON RIVER 9.92 KM. ENE OF FORT ST JOHN. HIGHWAY BRIDGE. BRITISH COLUMBIA.

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	263042 IRON EXTRBLE. FE MG/L	263043 IRON EXTRBLE. FE MG/L	263044 IRON EXTRBLE. FE MG/L	263045 IRON EXTRBLE. FE MG/L	263046 IRON EXTRBLE. FE MG/L	27302P COBALT EXTRBLE. CO MG/L	28302P NICKEL EXTRBLE. NI MG/L	29305P COPPER EXTRBLE. CU MG/L
76-03-29	1600	326	1.80	1.20	1.40	1.70	1.30	.002	.004	.005
76-03-31	1240	326	1.50	1.00	1.00	2.10	1.00	.003	.004	.012
76-05-07	1630	326	2.80	2.80	3.00	2.90	1.50	.001	.006	.008
76-05-10	1230	326	2.00	2.10	2.00	2.10	2.10	.001	L.006	.007
76-07-01	1245	326	5.10	2.90	2.80	2.50	2.20	.006	.010	.02 06P
76-07-27	0845	326	1.60	1.60	1.60	1.60	1.60	L.001	.006	.004
76-08-22	0900	326	10.00	11.00	8.40	10.00	8.00	.008	.03 01P	.025
76-09-21	0830	326	2.40	2.30	2.40	2.40	2.30	L.001	.004	.003

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	30305P ZINC EXTRBLE. ZN MG/L	33304L ARSENIC EXTRBLE. AS MG/L	34302L SELENIUM EXTRBLE. SE MG/L	48302P CADMIUM EXTRBLE. CD MG/L	56302P BARIUM EXTRBLE. BA MG/L	80311P MERCURY EXTRBLE. HG UG/L	803111 MERCURY EXTRBLE. HG UG/L	803112 MERCURY EXTRBLE. HG UG/L
76-03-29	1600	326	.004	.0016	.0007	.0005	.32	L.05	--	--
76-03-31	1240	326	.004	.0046	.0008	.0007	.22	L.05	--	--
76-05-07	1630	326	.012	.0070	.0006	L.0002	--	--	--	--
76-05-10	1230	326	.012	--	--	L.0002	--	--	--	--
76-07-01	1245	326	.021	--	.0014	.0003	.36	.10	--	--
76-07-27	0845	326	.008	.0018	.0006	L.0002	.19	L.05	--	--
76-08-22	0900	326	.06 04P	.0440	.0034	.0011	.38	.13 11W	.10	.15
76-09-21	0830	326	.002	.0017	.0003	L.0002	.16	L.05	--	--

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FC0002 LAT. 56D 16M 41S LONG. 120D 42M 5S
BEATTON RIVER 9.92 KM. ENE OF FORT ST JOHN. HIGHWAY BRIDGE. BRITISH COLUMBIA.

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	82302P LEAD EXTRBLE. PB MG/L
76-03-29	1600	326	.001
76-03-31	1240	326	.004
76-05-07	1630	326	.003
76-05-10	1230	326	.003
76-07-01	1245	326	.003
76-07-27	0845	326	.001
76-08-22	0900	326	.004
76-09-21	0830	326	L.001

FOOTNOTE: L - LESS THAN DETECTION LIMIT G - GREATER THAN MEASUREMENT LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION G - PLUS GRAND QUE LA LIMITE MESURE

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FD0002 LAT. 56D 10M 0S LONG. 120D 41M 30S
PEACE RIVER AT HWY 97 BRIDGE, TAYLOR, BRITISH COLUMBIA

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	97203F SAMPLING DIST. FROM LEFT BANK %	02011L COLOUR APPARENT REL. UNITS	02041L SPECIFIC CONDUCT. USIE/CM	02041S SPECIFIC CONDUCT. USIE/CM	02061L TEMP. WATER DEG.C.	02061S TEMP. WATER DEG.C.	02073L TURBIDITY JTU	05103L BORON DISSOLVED B MG/L
75-05-20	0940	326	10.	35.	179.	170.	21.0	9.0	50.0	L.005
	1010	326	50.	35.	179.	170.	21.0	9.0	49.0	L.005
	1030	326	90.	35.	203.	170.	21.0	9.0	59.0	L.005
75-05-21	1130	326	10.	20.	179.	190.	20.0	10.0	35.0	L.005
	1200	326	50.	20.	179.	190.	20.0	10.0	32.0	.005
	1230	326	90.	35.	205.	190.	20.0	10.0	48.0	L.005
75-05-22	1030	326	10.	20.	176.	185.	21.0	9.0	30.0	L.005
	1100	326	50.	17.	174.	185.	21.0	9.0	26.0	L.005
	1120	326	90.	20.	205.	185.	21.0	9.0	44.0	L.005

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	07110R NITROGEN DISSOLVED NO3 & NO2 N MG/L	071101 NITROGEN DISSOLVED NO3 & NO2 N MG/L	071102 NITROGEN DISSOLVED NO3 & NO2 N MG/L	071103 NITROGEN DISSOLVED NO3 & NO2 N MG/L	071104 NITROGEN DISSOLVED NO3 & NO2 N MG/L	071105 NITROGEN DISSOLVED NO3 & NO2 N MG/L	071106 NITROGEN DISSOLVED NO3 & NO2 N MG/L	07557L NITROGEN DISSOLVED AMMONIA N MG/L
75-05-20	0940	326	.170	.270	.108	.123	.088	.060	.370	.032
	1010	326	.051	.048	.048	.047	.048	.048	.064	.033
	1030	326	.119	.120	.103	.107	.102	.152	.132	.017
75-05-21	1130	326	.072	.063	.070	.063	.095	.070	.070	.025
	1200	326	.059	.044	.065	.055	.047	.086	.055	.024
	1230	326	.090	.084	.092	.112	.080	.084	.089	.020
75-05-22	1030	326	.067	.049	.054	.046	.061	.066	.124	.021
	1100	326	.061	.059	.061	.084	.060	.049	.050	.025
	1120	326	.073	.069	.072	.070	.069	.086	.070	.029

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FD0002 LAT. 56D 10M 0S LONG. 120D 41M 30S
PEACE RIVER AT HWY 97 BRIDGE, TAYLOR, BRITISH COLUMBIA

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	07651L NITROGEN DISSOLVED N MG/L	09106L FLUORIDE DISSOLVED F MG/L	10101L ALKALINITY TOTAL CACO3 MG/L	10151L ALKALINITY PHENOL PHTHALEIN CACO3 MG/L	10301L PH PH UNITS	10301S PH PH UNITS	10401L RESIDUE NONFILTR. MG/L	10451L RESIDUE FILTERABLE MG/L
75-05-20	0940	326	.324	.059	81.5	.0	8.1	7.8	--	--
	1010	326	.259	.057	82.1	.0	8.1	7.8	--	--
	1030	326	.222	.064	99.0	.0	8.2	7.8	--	--
75-05-21	1130	326	.310	.049	83.4	.0	8.0	7.9	59.	115.
	1200	326	.322	.048	79.7	.0	8.0	7.9	52.	114.
	1230	326	.288	.057	99.0	.0	8.2	7.9	88.	106.
75-05-22	1030	326	.394	.050	79.8	.0	8.1	7.8	58.	114.
	1100	326	.297	.049	79.5	.0	8.1	7.8	50.	115.
	1120	326	.310	.062	98.0	.0	8.1	7.8	90.	136.

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	10501L RESIDUE FIXED NONFILTR. MG/L	10551L RESIDUE FIXED FILTERABLE MG/L	10603L HARDNESS TOTAL CACO3 MG/L	11103L SODIUM DISSOLVED NA MG/L	12101L MAGNESIUM DISSOLVED (CALCD.) MG MG/L	14105L SILICA REACTIVE SIO2 MG/L	15406R PHOSPHORUS TOTAL P MG/L	15406I PHOSPHORUS TOTAL P MG/L
75-05-20	0940	326	--	--	94.0	1.7	6.6	11.9	.125	.108
	1010	326	--	--	95.0	1.8	6.6	3.9	.121	.126
	1030	326	--	--	108.0	1.6	7.3	3.2	.178	.177
75-05-21	1130	326	53.	80.	90.0	1.7	5.1	4.0	.091	.091
	1200	326	46.	86.	90.0	1.6	5.6	4.0	.087	.110
	1230	326	79.	88.	107.0	1.7	6.8	3.4	.137	.170
75-05-22	1030	326	52.	87.	91.0	1.4	5.9	3.9	.085	.087
	1100	326	42.	90.	89.0	1.4	5.2	3.9	.077	.077
	1120	326	80.	64.	107.0	1.6	6.8	3.4	.121	.117

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FD0002 LAT. 56D 10M 0S LONG. 120D 41M 30S
PEACE RIVER AT HWY 97 BRIDGE, TAYLOR, BRITISH COLUMBIA

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	154062 PHOSPHORUS TOTAL P MG/L	154063 PHOSPHORUS TOTAL P MG/L	154064 PHOSPHORUS TOTAL P MG/L	154065 PHOSPHORUS TOTAL P MG/L	154066 PHOSPHORUS TOTAL P MG/L	16306L SULPHATE DISSOLVED SO4 MG/L	17206L CHLORIDE DISSOLVED CL MG/L	19103L POTASSIUM DISSOLVED K MG/L
75-05-20	0940	326	.127	.127	.134	.135	.120	14.0	1.1	1.2
	1010	326	.122	.117	.119	.122	.117	10.5	1.1	.9
	1030	326	.196	.172	.168	.178	--	9.5	1.2	.7
75-05-21	1130	326	.088	.088	.093	.093	.093	11.0	.5	.7
	1200	326	.079	.081	.092	.075	.084	10.0	.8	.6
	1230	326	.124	.127	.127	.128	.144	9.7	1.1	.7
75-05-22	1030	326	.084	.089	.081	.083	.085	11.0	.8	.5
	1100	326	.076	.078	.075	.077	.078	11.5	.8	.5
	1120	326	.121	.122	.118	.117	.128	9.5	1.0	.5

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	20101L CALCIUM DISSOLVED CA MG/L	25304P MANGANESE EXTRBLE. MN MG/L	26304P IRON EXTRBLE. FE MG/L	27302P COBALT EXTRBLE. CO MG/L	28302P NICKEL EXTRBLE. NI MG/L	29305P COPPER EXTRBLE. CU MG/L	30305P ZINC EXTRBLE. ZN MG/L	33304L ARSENIC EXTRBLE. AS MG/L
75-05-20	0940	326	26.8	.03	.95	L.001	.001	.002	.006	.0008
	1010	326	27.2	.04	.85	L.001	.001	.002	.006	.0008
	1030	326	31.2	.14	5.40	.004	.014	.011	.034	.0009
75-05-21	1130	326	27.6	.02	.59	L.001	L.001	.001	.004	.0007
	1200	326	26.8	.02	.59	L.001	L.001	.001	.004	.0006
	1230	326	31.6	.03	.93	L.001	.001	.002	.005	.0008
75-05-22	1030	326	26.8	.02	.56	L.001	L.001	.001	.002	.0005
	1100	326	27.0	.02	.53	L.001	L.001	.001	.008	.0005
	1120	326	31.6	.03	.83	L.001	L.001	.002	.009	.0007

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FD0002 LAT. 56D 10M 0S LONG. 120D 41M 30S
PEACE RIVER AT HWY 97 BRIDGE, TAYLOR, BRITISH COLUMBIA

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	38301P STRONTIUM EXTRBLE. SR MG/L	42302P MOLYBDENUM EXTRBLE. MO MG/L	48302P CADMIUM EXTRBLE. CD MG/L	56302P BARIUM EXTRBLE. BA MG/L	82302P LEAD EXTRBLE. PB MG/L
75-05-20	0940	326	.10	L.0005	L.0002	.30	.001
	1010	326	.10	L.0005	L.0002	.30	.002
	1030	326	.09	L.0005	L.0002	.44	.005
75-05-21	1130	326	.11	L.0005	L.0002	.28	--
	1200	326	.09	L.0005	L.0002	.35	.001
	1230	326	.10	L.0005	L.0002	.35	L.001
75-05-22	1030	326	.10	L.0005	L.0002	.28	L.001
	1100	326	.10	L.0005	L.0002	.28	.001
	1120	326	.11	L.0005	L.0002	.40	.002

FOOTNOTE: L - LESS THAN DETECTION LIMIT G - GREATER THAN MEASUREMENT LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION G - PLUS GRAND QUE LA LIMITE MESURE

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FD0005 LAT. 56D 7M 41S LONG. 120D 3M 20S
PEACE RIVER ABOVE ALCES RIVER AT THE CLAYHURST FERRY NEAR THE B.C.-ALTA. BORDER, BRITISH COLUMBIA

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	97203F SAMPLING DIST. FROM LEFT BANK %	97265F SAMPLING DEPTH PERCENT OF TOTAL DEPTH %	02011L COLOUR APPARENT REL. UNITS	02041L SPECIFIC CONDUCT. USIE/CM	02041S SPECIFIC CONDUCT. USIE/CM	02061L TEMP. WATER DEG.C.	02061S TEMP. WATER DEG.C.	02073L TURBIDITY JTU
75-05-20	1330	326	10.	5.	35.	166.	205.	21.0	9.0	210.0
	1400	326	50.	5.	50.	189.	205.	21.0	9.0	110.0
	1420	326	90.	5.	50.	203.	205.	21.0	9.0	84.0
75-05-21	1430	326	10.	5.	75.	166.	220.	21.0	9.0	170.0
	1500	326	50.	5.	35.	194.	220.	21.0	9.0	67.0
	1515	326	90.	5.	35.	196.	220.	21.0	9.0	69.0
75-05-22	0740	326	10.	5.	90.	166.	190.	21.0	9.0	125.0
	0800	326	50.	5.	35.	184.	190.	21.0	9.0	60.0
	0810	326	90.	5.	35.	200.	190.	21.0	9.0	62.0
75-09-10	1540	326	10.	5.	--	--	--	--	--	--
	1610	326	50.	5.	--	--	--	--	--	--
	1620	326	50.	50.	--	--	--	--	--	--
	1700	326	90.	5.	5.	197.	225.	19.7	14.0	4.2
75-09-11	1030	326	10.	5.	--	--	--	--	--	--
	1035	326	50.	5.	--	--	--	--	--	--
	1045	326	50.	50.	--	--	--	--	--	--
	1100	326	90.	5.	5.	197.	210.	19.3	12.0	3.8
75-09-12	1440	326	90.	5.	5.	191.	220.	19.9	14.0	4.2
	1500	326	10.	5.	--	--	--	--	--	--
	1510	326	50.	5.	--	--	--	--	--	--
	1515	326	50.	50.	--	--	--	--	--	--
75-09-13	1040	326	10.	5.	--	--	--	--	--	--
	1115	326	50.	5.	--	--	--	--	--	--
	1125	326	50.	50.	--	--	--	--	--	--
	1145	326	90.	5.	5.	194.	--	19.9	--	3.5
75-10-29	1040	326	90.	5.	--	--	--	--	--	--
	1056	326	10.	5.	--	--	--	--	--	--
	1110	326	50.	5.	5.	181.	170.	21.5	5.5	1.5
	1440	326	90.	5.	--	--	--	--	--	--
	1455	326	10.	5.	--	--	--	--	--	--
	1510	326	50.	5.	5.	182.	170.	21.5	5.5	5.2
75-10-30	1005	326	90.	5.	--	--	--	--	--	--
	1020	326	50.	5.	5.	179.	180.	21.7	4.5	1.6
	1030	326	10.	5.	--	--	--	--	--	--
	1425	326	90.	5.	--	--	--	--	--	--
	1445	326	10.	5.	--	--	--	--	--	--
	1505	326	50.	5.	5.	180.	190.	21.8	6.0	1.7
75-10-31	0950	326	10.	5.	--	--	--	--	--	--
	1000	326	90.	5.	--	--	--	--	--	--
	1015	326	50.	5.	5.	181.	195.	21.9	6.5	1.7
	1455	326	90.	5.	--	--	--	--	--	--
	1512	326	10.	5.	--	--	--	--	--	--
	1520	326	50.	5.	5.	182.	200.	21.9	7.5	2.8

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DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FD0005 LAT. 56D 7M 41S LONG. 120D 3M 20S
PEACE RIVER ABOVE ALCES RIVER AT THE CLAYHURST FERRY NEAR THE B.C.-ALTA. BORDER, BRITISH COLUMBIA

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	97203F SAMPLING DIST. FROM LEFT BANK %	97265F SAMPLING DEPTH PERCENT OF TOTAL DEPTH %	02011L COLOUR APPARENT REL. UNITS	02041L SPECIFIC CONDUCT. USIE/CM	02041S SPECIFIC CONDUCT. USIE/CM	02061L TEMP. WATER DEG.C.	02061S TEMP. WATER DEG.C.	02073L TURBIDITY JTU
76-03-28	1230	326	10.	5.	--	--	--	--	--	--
	1245	326	50.	5.	7.	178.	140.	20.6	3.0	1.3
	1300	326	90.	5.	--	--	--	--	--	--
76-03-30	1015	326	10.	5.	--	--	--	--	--	--
	1030	326	50.	5.	7.	178.	220.	20.6	3.0	2.2
	1045	326	90.	5.	--	--	--	--	--	--
76-05-06	1145	326	90.	5.	--	--	--	--	--	--
	1200	326	60.	5.	40.	194.	--	22.7	--	150.0
	1215	326	10.	5.	--	--	--	--	--	--
	1245	326	40.	5.	30.	184.	--	22.5	9.0	120.0
76-05-08	0930	326	90.	5.	--	--	--	--	--	--
	0945	326	50.	5.	17.	189.	--	22.5	9.0	73.0
	1000	326	10.	5.	--	--	--	--	--	--
76-06-30	1045	326	10.	5.	--	--	--	--	--	--
	1245	326	60.	5.	80.	194.	--	21.2	13.0	125.0
	1300	326	40.	5.	50.	189.	--	21.1	14.0	53.0
	1445	326	90.	5.	--	--	--	--	--	--
76-07-02	1515	326	90.	5.	--	--	--	--	--	--
76-07-28	0945	326	10.	5.	--	--	--	--	--	--
	1020	326	50.	5.	15.	180.	195.	20.0	14.5	3.1
	1110	326	90.	5.	10.	180.	--	20.2	--	8.0
76-08-21	1515	326	90.	5.	--	--	--	--	--	--
	1530	326	10.	5.	--	--	--	--	--	--
	1545	326	40.	5.	120.	175.	--	19.0	--	135.0
	1600	326	60.	5.	80.	193.	170.	19.3	14.0	99.0
76-09-22	0900	326	10.	5.	--	--	--	--	--	--
	0915	326	90.	5.	--	--	--	--	--	--
	0930	326	50.	5.	12.	182.	200.	21.5	11.0	5.6

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DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FD0005 LAT. 56D 7M 41S LONG. 120D 3M 20S
PEACE RIVER ABOVE ALCES RIVER AT THE CLAYHURST FERRY NEAR THE B.C.-ALTA. BORDER, BRITISH COLUMBIA

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	05103L BORON DISSOLVED B MG/L	06001R CARBON TOTAL ORGANIC C MG/L	060011 CARBON TOTAL ORGANIC C MG/L	060012 CARBON TOTAL ORGANIC C MG/L	060013 CARBON TOTAL ORGANIC C MG/L	060014 CARBON TOTAL ORGANIC C MG/L	060015 CARBON TOTAL ORGANIC C MG/L	060016 CARBON TOTAL ORGANIC C MG/L
75-05-20	1330	326	L.005	16.5 01L	--	--	--	--	--	--
	1400	326	L.005	8.1 01L	--	--	--	--	--	--
	1420	326	L.005	6.6 01L	--	--	--	--	--	--
75-05-21	1430	326	.005	13.9 01L	--	--	--	--	--	--
	1500	326	.005	7.2 01L	--	--	--	--	--	--
	1515	326	.005	7.0 01L	--	--	--	--	--	--
75-05-22	0740	326	L.005	13.1 01L	--	--	--	--	--	--
	0800	326	L.005	7.2 01L	--	--	--	--	--	--
	0810	326	L.005	7.7 01L	--	--	--	--	--	--
75-09-10	1540	326	--	2.2	1.7	--	2.6	--	--	--
	1610	326	--	3.9	--	--	3.9	--	--	3.8
	1620	326	--	3.6	--	--	--	3.7	--	3.5
	1700	326	--	4.4	--	--	--	4.7	4.1	--
75-09-11	1030	326	--	3.1	--	--	3.2	2.9	--	--
	1035	326	--	3.2	--	--	--	2.9	3.4	--
	1045	326	--	Q2.0	3.0	--	--	L1.0	--	--
	1100	326	--	2.8	--	2.8	--	--	2.7	--
75-09-12	1440	326	--	2.7	--	--	--	2.0	3.3	--
	1500	326	--	3.2	--	--	3.4	2.9	--	--
	1510	326	--	3.8	--	--	4.5	3.0	--	--
	1515	326	--	2.6	2.5	2.6	--	--	--	--
75-09-13	1040	326	--	3.7	4.3	3.1	--	--	--	--
	1115	326	--	Q1.3	L1.0	--	--	1.6	--	--
	1125	326	--	2.5	--	--	3.2	1.7	--	--
	1145	326	--	1.1	--	--	1.2	--	1.0	--
75-10-29	1040	326	--	2.2	--	--	1.6	--	--	2.7
	1056	326	--	1.2	--	--	--	--	1.1	1.3
	1110	326	--	2.7	--	--	3.6	--	--	1.8
	1440	326	--	2.4	--	2.5	--	2.3	--	--
	1455	326	--	1.3	--	--	1.1	--	--	1.5
	1510	326	--	3.2	--	--	2.3	--	4.0	--
75-10-30	1005	326	--	3.4	3.8	--	--	2.9	--	--
	1020	326	--	2.1	--	--	2.2	--	--	1.9
	1030	326	--	2.7	--	3.0	--	--	--	2.4
	1425	326	--	1.4	--	1.2	--	--	--	1.6
	1445	326	--	2.9	--	--	--	3.4	2.3	--
	1505	326	--	2.9	--	--	--	2.7	--	3.1
75-10-31	0950	326	--	2.3	--	--	--	2.1	2.5	--
	1000	326	--	1.9	--	2.0	--	--	1.7	--
	1015	326	--	2.1	--	--	--	--	1.6	2.5
	1455	326	--	3.9	--	4.0	3.8	--	--	--
	1512	326	--	3.3	--	3.4	--	--	--	3.1
	1520	326	--	2.6	--	--	2.4	2.7	--	--

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DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FD0005 LAT. 56D 7M 41S LONG. 120D 3M 20S
PEACE RIVER ABOVE ALCES RIVER AT THE CLAYHURST FERRY NEAR THE B.C.-ALTA. BORDER, BRITISH COLUMBIA

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	05103L BORON DISSOLVED B MG/L	06001R CARBON TOTAL ORGANIC C MG/L	060011 CARBON TOTAL ORGANIC C MG/L	060012 CARBON TOTAL ORGANIC C MG/L	060013 CARBON TOTAL ORGANIC C MG/L	060014 CARBON TOTAL ORGANIC C MG/L	060015 CARBON TOTAL ORGANIC C MG/L	060016 CARBON TOTAL ORGANIC C MG/L
76-03-28	1230	326	--	2.8	1.5	--	--	--	--	4.0
	1245	326	--	3.4	3.3	--	--	--	--	3.4
	1300	326	--	4.9	4.3	--	--	--	--	5.5
76-03-30	1015	326	--	6.0	6.7	--	--	--	--	5.3
	1030	326	--	5.4	5.3	--	--	--	--	5.5
	1045	326	--	6.4	6.5	--	--	--	--	6.3
76-05-06	1145	326	--	20.0	--	--	19.0	21.0	--	--
	1200	326	--	19.5	--	--	20.0	19.0	--	--
	1215	326	--	15.0	--	--	16.0	14.0	--	--
	1245	326	--	16.0	--	--	17.0	15.0	--	--
76-05-08	0930	326	--	16.0	--	--	16.0	16.0	--	--
	0945	326	--	11.5	--	--	12.0	11.0	--	--
	1000	326	--	11.5	--	--	11.0	12.0	--	--
76-07-28	0945	326	--	5.1	5.2	6.1	4.6	5.9	5.1	3.5
	1020	326	--	Q3.0	L1.0	2.6	3.7	4.6	3.9	2.3
	1110	326	--	2.5	1.5	2.3	2.1	2.9	3.7	2.6
76-08-21	1515	326	--	5.6	6.4	4.9	5.3	7.3	5.8	4.1
	1530	326	--	26.8	26.0	26.0	27.0	27.0	28.0	27.0
	1545	326	--	11.3	9.1	9.7	18.0	9.1	10.0	12.0
	1600	326	--	6.6	4.8	6.3	7.2	8.4	6.6	6.1
76-09-22	0900	326	--	4.9	5.3	5.3	5.0	3.7	5.1	4.8
	0915	326	--	2.1	1.9	1.9	2.2	1.6	3.1	1.7
	0930	326	--	2.4	2.8	3.1	2.8	2.2	2.2	1.4

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DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FD0005 LAT. 56D 7M 41S LONG. 120D 3M 20S
PEACE RIVER ABOVE ALCES RIVER AT THE CLAYHURST FERRY NEAR THE B.C.-ALTA. BORDER, BRITISH COLUMBIA

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	06051R CARBON TOTAL INORGANIC C MG/L	060511 CARBON TOTAL INORGANIC C MG/L	060512 CARBON TOTAL INORGANIC C MG/L	060513 CARBON TOTAL INORGANIC C MG/L	060514 CARBON TOTAL INORGANIC C MG/L	060515 CARBON TOTAL INORGANIC C MG/L	060516 CARBON TOTAL INORGANIC C MG/L	06101R CARBON DISSOLVED ORGANIC C MG/L
75-05-20	1330	326	17.1 51L	--	--	--	--	--	--	--
	1400	326	21.2 51L	--	--	--	--	--	--	--
	1420	326	22.9 51L	--	--	--	--	--	--	--
75-05-21	1430	326	17.7 51L	--	--	--	--	--	--	--
	1500	326	20.7 51L	--	--	--	--	--	--	--
	1515	326	22.7 51L	--	--	--	--	--	--	--
75-05-22	0740	326	17.9 51L	--	--	--	--	--	--	--
	0800	326	21.5 51L	--	--	--	--	--	--	--
	0810	326	23.8 51L	--	--	--	--	--	--	--
75-09-10	1540	326	22.2	22.0	--	22.4	--	--	--	--
	1610	326	22.1	--	--	22.2	--	--	22.0	--
	1620	326	22.1	--	--	--	22.3	--	21.8	--
	1700	326	22.6	--	--	--	22.0	23.1	--	--
75-09-11	1030	326	22.8	--	--	22.6	22.9	--	--	--
	1035	326	23.2	--	--	--	23.1	23.2	--	--
	1045	326	22.9	22.6	--	--	23.1	--	--	--
	1100	326	23.8	--	23.7	--	--	23.9	--	--
75-09-12	1440	326	22.9	--	--	--	22.9	22.9	--	--
	1500	326	22.4	--	--	22.4	22.3	--	--	--
	1510	326	22.6	--	--	22.8	22.4	--	--	--
	1515	326	23.2	23.3	23.0	--	--	--	--	--
75-09-13	1040	326	22.5	22.5	22.4	--	--	--	--	--
	1115	326	23.4	23.5	--	--	23.2	--	--	--
	1125	326	23.4	--	--	23.3	23.4	--	--	--
	1145	326	23.8	--	--	23.9	--	23.7	--	--
75-10-29	1040	326	21.2	--	--	21.4	--	--	20.9	--
	1056	326	20.6	--	--	--	--	20.5	20.6	--
	1110	326	20.8	--	--	20.6	--	--	21.0	--
	1440	326	20.5	--	20.5	--	20.4	--	--	--
	1455	326	20.6	--	--	20.8	--	--	20.4	--
	1510	326	19.5	--	--	20.2	--	18.8	--	--
75-10-30	1005	326	19.3	19.5	--	--	19.1	--	--	--
	1020	326	19.7	--	--	19.7	--	--	19.7	--
	1030	326	19.4	--	19.6	--	--	--	19.2	--
	1425	326	20.2	--	20.4	--	--	--	20.0	--
	1445	326	19.1	--	--	--	19.1	19.1	--	--
	1505	326	18.9	--	--	--	18.9	--	18.8	--
75-10-31	0950	326	19.2	--	--	--	19.5	18.9	--	--
	1000	326	20.2	--	20.2	--	--	20.2	--	--
	1015	326	19.8	--	--	--	--	19.6	20.0	--
	1455	326	18.7	--	18.7	18.7	--	--	--	--
	1512	326	18.9	--	19.1	--	--	--	18.7	--
	1520	326	19.1	--	--	19.2	18.9	--	--	--

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DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FD0005 LAT. 56D 7M 41S LONG. 120D 3M 20S
PEACE RIVER ABOVE ALCES RIVER AT THE CLAYHURST FERRY NEAR THE B.C.-ALTA. BORDER, BRITISH COLUMBIA

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	06051R CARBON TOTAL INORGANIC C MG/L	060511 CARBON TOTAL INORGANIC C MG/L	060512 CARBON TOTAL INORGANIC C MG/L	060513 CARBON TOTAL INORGANIC C MG/L	060514 CARBON TOTAL INORGANIC C MG/L	060515 CARBON TOTAL INORGANIC C MG/L	060516 CARBON TOTAL INORGANIC C MG/L	06101R CARBON DISSOLVED ORGANIC C MG/L
76-03-28	1230	326	20.0	20.0	--	--	--	--	20.0	--
	1245	326	20.1	20.1	--	--	--	--	20.0	--
	1300	326	20.0	20.0	--	--	--	--	20.0	--
76-03-30	1015	326	20.7	20.0	--	--	--	--	21.4	--
	1030	326	20.0	19.9	--	--	--	--	20.0	--
	1045	326	20.3	20.2	--	--	--	--	20.4	--
76-05-06	1145	326	22.5	--	--	23.0	22.0	--	--	--
	1200	326	22.5	--	--	22.0	23.0	--	--	--
	1215	326	16.5	--	--	17.0	16.0	--	--	--
	1245	326	21.0	--	--	20.0	22.0	--	--	--
76-05-08	0930	326	20.0	--	--	20.0	20.0	--	--	--
	0945	326	19.5	--	--	19.0	20.0	--	--	--
	1000	326	16.5	--	--	17.0	16.0	--	--	--
76-06-30	1045	326	--	--	--	--	--	--	--	15.2
	1245	326	--	--	--	--	--	--	--	8.0
	1300	326	--	--	--	--	--	--	--	8.1
	1445	326	--	--	--	--	--	--	--	8.7
76-07-02	1515	326	--	--	--	--	--	--	--	6.0
76-07-28	0945	326	19.2	20.0	18.0	19.0	19.0	19.0	20.0	--
	1020	326	19.5	22.0	20.0	18.0	19.0	19.0	19.0	--
	1110	326	21.2	21.0	21.0	22.0	22.0	20.0	21.0	--
76-08-21	1515	326	24.0	24.0	24.0	24.0	23.0	24.0	25.0	--
	1530	326	13.7	13.0	14.0	14.0	14.0	14.0	13.0	--
	1545	326	20.5	21.0	21.0	21.0	21.0	20.0	19.0	--
	1600	326	22.0	22.0	23.0	22.0	21.0	22.0	22.0	--
76-09-22	0900	326	20.7	21.0	21.0	21.0	20.0	20.0	21.0	--
	0915	326	23.5	23.0	23.0	24.0	23.0	24.0	24.0	--
	0930	326	21.8	22.0	21.0	22.0	22.0	22.0	22.0	--

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DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FD0005 LAT. 56D 7M 41S LONG. 120D 3M 20S
PEACE RIVER ABOVE ALCES RIVER AT THE CLAYHURST FERRY NEAR THE B.C.-ALTA. BORDER, BRITISH COLUMBIA

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	061011 CARBON DISSOLVED ORGANIC C MG/L	061012 CARBON DISSOLVED ORGANIC C MG/L	061013 CARBON DISSOLVED ORGANIC C MG/L	061014 CARBON DISSOLVED ORGANIC C MG/L	061015 CARBON DISSOLVED ORGANIC C MG/L	061016 CARBON DISSOLVED ORGANIC C MG/L	06151R CARBON DISSOLVED INORGANIC C MG/L	061511 CARBON DISSOLVED INORGANIC C MG/L
76-06-30	1045	326	12.0	15.0	16.0	16.0	15.0	17.0	16.0	17.0
	1245	326	7.3	8.9	8.4	7.8	7.8	7.8	21.8	22.0
	1300	326	9.1	8.8	8.7	9.3	6.4	6.5	20.5	20.0
	1445	326	11.0	11.0	6.3	8.4	8.4	7.1	22.5	21.0
76-07-02	1515	326	4.7	6.8	6.6	5.1	4.6	8.0	21.0	22.0

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FD0005 LAT. 56D 7M 41S LONG. 120D 3M 20S
PEACE RIVER ABOVE ALCES RIVER AT THE CLAYHURST FERRY NEAR THE B.C.-ALTA. BORDER, BRITISH COLUMBIA

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	061512 CARBON DISSOLVED INORGANIC C MG/L	061513 CARBON DISSOLVED INORGANIC C MG/L	061514 CARBON DISSOLVED INORGANIC C MG/L	061515 CARBON DISSOLVED INORGANIC C MG/L	061516 CARBON DISSOLVED INORGANIC C MG/L	06536W PHENOLIC MATERIAL PHENOL MG/L	065361 PHENOLIC MATERIAL PHENOL MG/L	065362 PHENOLIC MATERIAL PHENOL MG/L
76-05-06	1145	326	--	--	--	--	--	L.0005	L.0005	L.0005
	1215	326	--	--	--	--	--	L.0005	L.0005	L.0005
	1245	326	--	--	--	--	--	L.0005	L.0005	L.0005
76-05-08	0945	326	--	--	--	--	--	L.0005	L.0005	L.0005
	1000	326	--	--	--	--	--	.0006 36P	--	--
76-06-30	1045	326	16.0	15.0	16.0	17.0	15.0	--	--	--
	1245	326	22.0	21.0	22.0	22.0	22.0	L.0005	L.0005	L.0005
	1300	326	20.0	21.0	20.0	21.0	21.0	L.0005	L.0005	L.0005
	1445	326	21.0	24.0	23.0	23.0	23.0	--	--	--
76-07-02	1515	326	21.0	20.0	21.0	22.0	20.0	--	--	--
76-08-21	1545	326	--	--	--	--	--	L.0005	L.0005	L.0005
	1600	326	--	--	--	--	--	L.0005	L.0005	L.0005

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FD0005 LAT. 56D 7M 41S LONG. 120D 3M 20S
PEACE RIVER ABOVE ALCES RIVER AT THE CLAYHURST FERRY NEAR THE B.C.-ALTA. BORDER, BRITISH COLUMBIA

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	065363 PHENOLIC MATERIAL PHENOL MG/L	06552L TANNIN AND LIGNIN LIG.SULPH. MG/L	06903R CARBON PARTICULATE C MG/L	069031 CARBON PARTICULATE C MG/L	069032 CARBON PARTICULATE C MG/L	07110R NITROGEN DISSOLVED NO3 & NO2 N MG/L	071101 NITROGEN DISSOLVED NO3 & NO2 N MG/L	071102 NITROGEN DISSOLVED NO3 & NO2 N MG/L
75-05-20	1330	326	--	--	--	--	--	.070	.082	.067
	1400	326	--	--	--	--	--	.082	.081	.075
	1420	326	--	--	--	--	--	.093	.087	.081
75-05-21	1430	326	--	--	--	--	--	.057	.057	.068
	1500	326	--	--	--	--	--	.061	.053	.056
	1515	326	--	--	--	--	--	.069	.064	.075
75-05-22	0740	326	--	--	--	--	--	.063	.048	.048
	0800	326	--	--	--	--	--	.069	.055	.093
	0810	326	--	--	--	--	--	.081	.060	.061
75-09-10	1540	326	--	--	--	--	--	.010	.015	.014
	1610	326	--	--	--	--	--	.010	.012	.012
	1620	326	--	--	--	--	--	.011	.011	.011
	1700	326	--	.24	--	--	--	.009	.011	.008
75-09-11	1030	326	--	--	--	--	--	.007	.006	.007
	1035	326	--	--	--	--	--	.008	.008	.007
	1045	326	--	--	--	--	--	.008	.009	.009
	1100	326	--	.23	--	--	--	.009	.007	.020
75-09-12	1440	326	--	.21	--	--	--	.025	.012	.012
	1500	326	--	--	--	--	--	.008	.008	.008
	1510	326	--	--	--	--	--	.014	.011	.011
	1515	326	--	--	--	--	--	.031	.012	.036
75-09-13	1040	326	--	--	--	--	--	.014	.015	.014
	1115	326	--	--	--	--	--	.018	.021	.016
	1125	326	--	--	--	--	--	.039	.014	.014
	1145	326	--	.21	--	--	--	.014	.014	.013
75-10-29	1040	326	--	--	--	--	--	.219	.055	.270
	1056	326	--	--	--	--	--	.061	.036	.122
	1110	326	--	.19	--	--	--	.337	.820	.120
	1440	326	--	--	--	--	--	.096	.060	.112
	1455	326	--	--	--	--	--	.068	.055	.064
	1510	326	--	.20	--	--	--	.119	.180	.097
75-10-30	1005	326	--	--	--	--	--	.106	.056	.090
	1020	326	--	.19	--	--	--	.075	.038	.130
	1030	326	--	--	--	--	--	.083	.060	.085
	1425	326	--	--	--	--	--	.063	.048	.060
	1445	326	--	--	--	--	--	.079	.154	.087
	1505	326	--	.19	--	--	--	.088	.230	.052
75-10-31	0950	326	--	--	--	--	--	.123	.065	.129
	1000	326	--	--	--	--	--	.135	.073	.053
	1015	326	--	.19	--	--	--	.109	.074	.187
	1455	326	--	--	--	--	--	.033	.027	.047
	1512	326	--	--	--	--	--	.028	.028	.030
	1520	326	--	.19	--	--	--	.030	.030	.035

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FD0005 LAT. 56D 7M 41S LONG. 120D 3M 20S
PEACE RIVER ABOVE ALCES RIVER AT THE CLAYHURST FERRY NEAR THE B.C.-ALTA. BORDER, BRITISH COLUMBIA

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	065363 PHENOLIC MATERIAL PHENOL MG/L	06552L TANNIN AND LIGNIN LIG.SULPH. MG/L	06903R CARBON PARTICULATE C MG/L	069031 CARBON PARTICULATE C MG/L	069032 CARBON PARTICULATE C MG/L	07110R NITROGEN DISSOLVED NO3 & NO2 N MG/L	071101 NITROGEN DISSOLVED NO3 & NO2 N MG/L	071102 NITROGEN DISSOLVED NO3 & NO2 N MG/L
76-03-28	1230	326	--	--	--	--	--	.037	.034	.049
	1245	326	--	--	--	--	--	.037	.033	.045
	1300	326	--	--	.41	.41	.41	.037	.034	.037
76-03-30	1015	326	--	--	--	--	--	.037	.038	.037
	1030	326	--	--	.35	.34	.36	.035	.034	.034
	1045	326	--	--	--	--	--	.043	.038	.063
76-05-06	1145	326	L.0005	--	--	--	--	.081	.080	.082
	1200	326	--	--	--	--	--	.083	.085	.080
	1215	326	L.0005	--	--	--	--	.079	.049	.054
	1245	326	L.0005	--	--	--	--	.079	.075	.075
76-05-08	0930	326	--	--	--	--	--	.067	.086	.066
	0945	326	--	--	--	--	--	.075	.105	.064
	1000	326	--	--	--	--	--	.050	.046	.042
76-06-30	1045	326	--	--	--	--	--	.047	.039	.053
	1245	326	L.0005	--	--	--	--	.039	.030	.042
	1300	326	L.0005	--	--	--	--	.042	.031	.050
	1445	326	--	--	--	--	--	.044	.033	.033
76-07-02	1515	326	--	--	--	--	--	.052	.036	.041
76-07-28	0945	326	--	--	--	--	--	.030	.039	.028
	1020	326	--	--	--	--	--	.033	.034	.025
	1110	326	--	--	--	--	--	.027	.022	.020
76-08-21	1515	326	--	--	--	--	--	.072	.115	.124
	1530	326	--	--	--	--	--	.062	.069	.065
	1545	326	L.0005	--	--	--	--	.066	.064	.056
	1600	326	L.0005	--	--	--	--	.054	.044	.044
76-09-22	0900	326	--	--	--	--	--	.022	.037	.028
	0915	326	--	--	--	--	--	.042	.023	.018
	0930	326	--	--	--	--	--	.013	.015	.014

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FD0005 LAT. 56D 7M 41S LONG. 120D 3M 20S
PEACE RIVER ABOVE ALCES RIVER AT THE CLAYHURST FERRY NEAR THE B.C.-ALTA. BORDER, BRITISH COLUMBIA

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	071103 NITROGEN DISSOLVED NO3 & NO2 N MG/L	071104 NITROGEN DISSOLVED NO3 & NO2 N MG/L	071105 NITROGEN DISSOLVED NO3 & NO2 N MG/L	071106 NITROGEN DISSOLVED NO3 & NO2 N MG/L	07557R NITROGEN DISSOLVED AMMONIA N MG/L	075571 NITROGEN DISSOLVED AMMONIA N MG/L	075572 NITROGEN DISSOLVED AMMONIA N MG/L	075573 NITROGEN DISSOLVED AMMONIA N MG/L
75-05-20	1330	326	.074	.069	.064	.066	.031 57L	--	--	--
	1400	326	.076	.078	.098	.086	.023 57L	--	--	--
	1420	326	.084	.082	.132	.091	.027 57L	--	--	--
75-05-21	1430	326	.053	.055	.055	.054	.031 57L	--	--	--
	1500	326	.055	.071	.074	.056	.024 57L	--	--	--
	1515	326	.074	.078	.061	.059	.039 57L	--	--	--
75-05-22	0740	326	.047	.048	.049	.140	.025 57L	--	--	--
	0800	326	.055	.055	.054	.099	.021 57L	--	--	--
	0810	326	.060	.061	.181	.065	.021 57L	--	--	--
75-09-10	1540	326	.008	.006	.009	.010	.011	.010	.013	.010
	1610	326	.009	.011	.009	.008	.012	.010	.020	.009
	1620	326	.008	.007	.017	.009	.028	.009	.009	.012
	1700	326	.010	.009	.010	.008	.010	.010	.009	.012
75-09-11	1030	326	.007	.008	.006	.007	.013	.010	.011	.011
	1035	326	.007	.008	.008	.008	.009	.008	.006	.008
	1045	326	.008	.006	.008	.008	.012	.014	.010	.012
	1100	326	.007	.007	.006	.006	.016	.012	.016	.016
75-09-12	1440	326	.090	.010	.011	.013	.014	.014	.008	.016
	1500	326	.007	.008	.007	.007	.012	.014	.014	.010
	1510	326	.011	.030	.011	.010	.013	.014	.014	.013
	1515	326	.020	.011	.080	.028	.017	.012	.021	.018
75-09-13	1040	326	.016	.012	.012	.012	.014	.016	.024	.014
	1115	326	.017	.016	.016	.021	.016	.014	.012	.017
	1125	326	.055	.016	.016	.120	.016	.009	.011	.029
	1145	326	.014	.016	.016	.012	.010	.010	.011	.011
75-10-29	1040	326	.200	.550	.062	.179	.035	.025	.064	.038
	1056	326	.047	.045	.063	.054	.014	.011	.014	.013
	1110	326	.330	.111	.440	.198	.040	.060	.071	.024
	1440	326	.194	.070	.075	.065	.033	.012	.010	.121
	1455	326	.088	.069	.067	.065	.030	.016	.033	.018
	1510	326	.132	.088	.130	.087	.017	.012	.016	.015
75-10-30	1005	326	.071	.083	.093	.240	.037	.015	.022	.018
	1020	326	.070	.063	.065	.086	.020	.011	.024	.024
	1030	326	.147	.063	.072	.070	.020	.012	.023	.021
	1425	326	.118	.054	.056	.041	.018	.011	.020	.032
	1445	326	.084	.042	.048	.059	.024	.053	.023	.027
	1505	326	.050	.039	.094	.061	.016	.028	.008	.008
75-10-31	0950	326	.103	.057	.051	.330	.031	.016	.033	.030
	1000	326	.280	.210	.114	.074	.027	.009	.014	.047
	1015	326	.060	.200	.049	.081	.029	.024	.030	.024
	1455	326	.023	.035	.033	.033	.008	.005	.007	.007
	1512	326	.023	.036	.029	.024	.010	.007	.010	.007
	1520	326	.025	.040	.027	.025	.007	.012	.008	.004

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FD0005 LAT. 56D 7M 41S LONG. 120D 3M 20S
PEACE RIVER ABOVE ALCES RIVER AT THE CLAYHURST FERRY NEAR THE B.C.-ALTA. BORDER, BRITISH COLUMBIA

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	071103 NITROGEN DISSOLVED NO3 & NO2 N MG/L	071104 NITROGEN DISSOLVED NO3 & NO2 N MG/L	071105 NITROGEN DISSOLVED NO3 & NO2 N MG/L	071106 NITROGEN DISSOLVED NO3 & NO2 N MG/L	07557R NITROGEN DISSOLVED AMMONIA N MG/L	075571 NITROGEN DISSOLVED AMMONIA N MG/L	075572 NITROGEN DISSOLVED AMMONIA N MG/L	075573 NITROGEN DISSOLVED AMMONIA N MG/L
76-03-28	1230	326	.035	.037	.034	.035	.010	.006	.022	.006
	1245	326	.033	.033	.044	.033	.008	.004	.011	.005
	1300	326	.036	.047	.035	.035	.011	.008	.009	.012
76-03-30	1015	326	.037	.037	.036	.037	.010	.012	.008	.010
	1030	326	.035	.035	.034	.038	.012	.008	.009	.019
	1045	326	.040	.038	.038	.043	.010	.007	.014	.011
76-05-06	1145	326	.083	.083	.080	.076	.028	.026	.024	.028
	1200	326	.080	.081	.079	.095	.022	.020	.027	.025
	1215	326	.212	.052	.050	.055	.014	.012	.008	.018
	1245	326	.082	.075	.075	.089	.017	.018	.015	.017
76-05-08	0930	326	.066	.070	.066	.048	.018	.018	.017	.017
	0945	326	.068	.063	.063	.084	.011	.013	.009	.011
	1000	326	.042	.082	.044	.044	.013	.012	.012	.012
76-06-30	1045	326	.046	.042	.038	.066	.064	.072	.066	.067
	1245	326	.061	.034	.037	.031	.026	.029	.031	.028
	1300	326	.043	.041	.043	.042	.021	.019	.022	.023
	1445	326	.060	.038	.037	.062	.032	.039	.037	.028
76-07-02	1515	326	.035	.068	.042	.090	.024	.018	.021	.022
76-07-28	0945	326	.028	.027	.027	.028	.008	.008	.006	.006
	1020	326	.023	.023	.022	.073	.009	.012	.008	.010
	1110	326	.059	.019	.023	.019	.005	.006	.004	.005
76-08-21	1515	326	.038	.036	.028	.089	.029	.028	.030	.028
	1530	326	.048	.061	.063	.065	.089	.106	.082	.080
	1545	326	.051	.056	.123	.045	.053	.090	.038	.040
	1600	326	.049	.107	.041	.037	.026	.035	.017	.025
76-09-22	0900	326	.013	.017	.023	.016	.003	.005	.005	.002
	0915	326	.022	.014	.148	.025	.006	.004	.002	.003
	0930	326	.011	.020	.010	.010	.001	.001	.001	.001

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FD0005 LAT. 56D 7M 41S LONG. 120D 3M 20S
PEACE RIVER ABOVE ALCES RIVER AT THE CLAYHURST FERRY NEAR THE B.C.-ALTA. BORDER, BRITISH COLUMBIA

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	075574 NITROGEN DISSOLVED AMMONIA N MG/L	075575 NITROGEN DISSOLVED AMMONIA N MG/L	075576 NITROGEN DISSOLVED AMMONIA N MG/L	07651R NITROGEN DISSOLVED N MG/L	076511 NITROGEN DISSOLVED N MG/L	076512 NITROGEN DISSOLVED N MG/L	076513 NITROGEN DISSOLVED N MG/L	076514 NITROGEN DISSOLVED N MG/L
75-05-20	1330	326	--	--	--	.352 51L	--	--	--	--
	1400	326	--	--	--	.351 51L	--	--	--	--
	1420	326	--	--	--	.306 51L	--	--	--	--
75-05-21	1430	326	--	--	--	.432 51L	--	--	--	--
	1500	326	--	--	--	.262 51L	--	--	--	--
	1515	326	--	--	--	.280 51L	--	--	--	--
75-05-22	0740	326	--	--	--	.325 51L	--	--	--	--
	0800	326	--	--	--	.238 51L	--	--	--	--
	0810	326	--	--	--	.311 51L	--	--	--	--
75-09-10	1540	326	.010	.013	.010	.187	--	.211	--	.162
	1610	326	.012	.010	.008	.195	--	.162	--	.227
	1620	326	.006	.122	.011	.157	.168	.146	--	--
	1700	326	.009	.012	.010	.149	--	.148	.150	--
75-09-11	1030	326	.016	.017	.011	.165	.154	.175	--	--
	1035	326	.011	.009	.011	.136	--	.135	.137	--
	1045	326	.010	.012	.014	.155	--	.143	.167	--
	1100	326	.021	.014	.014	.176	--	--	.212	.140
75-09-12	1440	326	.030	.007	.007	.145	.147	.142	--	--
	1500	326	.010	.013	.010	.150	.149	.150	--	--
	1510	326	.014	.011	.014	.148	.153	.143	--	--
	1515	326	.016	.012	.022	.141	--	--	.149	.132
75-09-13	1040	326	.008	.009	.011	.153	--	--	--	.156
	1115	326	.026	.011	.018	.159	--	.145	.172	--
	1125	326	.012	.010	.024	.132	.133	.131	--	--
	1145	326	.011	.011	.008	.141	.141	.141	--	--
75-10-29	1040	326	.033	.016	.035	.605	--	.500	--	.710
	1056	326	.016	.013	.019	.247	.200	.293	--	--
	1110	326	.025	.041	.017	.794	.978	--	--	--
	1440	326	.029	.013	.015	.349	.208	--	.490	--
	1455	326	.024	.068	.019	.233	.193	--	--	--
	1510	326	.019	.029	.008	.283	.343	--	--	--
75-10-30	1005	326	.098	.018	.048	.440	--	--	--	.340
	1020	326	.015	.023	.024	.236	.137	.335	--	--
	1030	326	.018	.025	.021	.273	--	--	.345	--
	1425	326	.019	.014	.010	.253	.173	--	.332	--
	1445	326	.010	.015	.015	.284	.387	--	--	--
	1505	326	.008	.033	.013	.359	.441	--	--	--
75-10-31	0950	326	.011	.013	.082	.374	.202	--	--	--
	1000	326	.053	.023	.013	.433	--	--	.460	.405
	1015	326	.058	.020	.018	.396	--	.350	--	.442
	1455	326	.010	.007	.010	.147	.133	--	--	.160
	1512	326	.016	.011	.006	.143	.146	--	--	--
	1520	326	.010	.004	.005	.132	--	--	--	--

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FD0005 LAT. 56D 7M 41S LONG. 120D 3M 20S
PEACE RIVER ABOVE ALCES RIVER AT THE CLAYHURST FERRY NEAR THE B.C.-ALTA. BORDER, BRITISH COLUMBIA

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	075574 NITROGEN DISSOLVED AMMONIA N MG/L	075575 NITROGEN DISSOLVED AMMONIA N MG/L	075576 NITROGEN DISSOLVED AMMONIA N MG/L	07651R NITROGEN DISSOLVED N MG/L	076511 NITROGEN DISSOLVED N MG/L	076512 NITROGEN DISSOLVED N MG/L	076513 NITROGEN DISSOLVED N MG/L	076514 NITROGEN DISSOLVED N MG/L
76-03-28	1230	326	.008	.006	.009	.143	.122	.163	--	--
	1245	326	.009	.009	.009	.124	.118	.129	--	--
	1300	326	.019	.009	.008	.126	.125	.127	--	--
76-03-30	1015	326	.010	.009	.011	.136	.132	.139	--	--
	1030	326	.011	.014	.010	.129	.128	.130	--	--
	1045	326	.007	.008	.011	.171	.135	.206	--	--
76-05-06	1145	326	.030	.028	.030	.335	.334	.335	--	--
	1200	326	.020	.020	.022	.326	.331	.321	--	--
	1215	326	.022	.011	.013	.300	.300	.299	--	--
	1245	326	.015	.018	.016	.298	.298	.298	--	--
76-05-08	0930	326	.018	.018	.022	.274	.281	.266	--	--
	0945	326	.010	.011	.010	.234	.243	.225	--	--
	1000	326	.016	.012	.015	.239	.244	.233	--	--
76-06-30	1045	326	.062	.048	.069	.418	.413	.428	.438	.420
	1245	326	.027	.022	.018	.252	.242	.265	.275	.244
	1300	326	.017	.025	.022	.232	.215	.305	.230	.215
	1445	326	.028	.031	.029	.295	.267	.264	.390	.250
76-07-02	1515	326	.030	.021	.030	.244	.244	.260	.215	.254
76-07-28	0945	326	.007	.006	.012	.189	.210	.170	.170	.165
	1020	326	.005	.008	.008	.140	.153	.130	.125	.120
	1110	326	.005	.004	.005	.121	.120	.124	.120	.120
76-08-21	1515	326	.029	.029	.027	.303	.331	.375	.275	.265
	1530	326	.082	.092	.094	.571	.545	.600	.590	.585
	1545	326	.047	.046	.054	.303	.314	.282	.285	.300
	1600	326	.026	.024	.026	.305	.272	.285	.374	.275
76-09-22	0900	326	.002	.002	.002	.172	.199	.180	.155	.166
	0915	326	.003	.020	.004	.168	.141	.128	.140	.122
	0930	326	.001	.001	.001	.113	.118	.110	.106	.115

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FD0005 LAT. 56D 7M 41S LONG. 120D 3M 20S
PEACE RIVER ABOVE ALCES RIVER AT THE CLAYHURST FERRY NEAR THE B.C.-ALTA. BORDER, BRITISH COLUMBIA

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	076515 NITROGEN DISSOLVED N MG/L	076516 NITROGEN DISSOLVED N MG/L	07903R NITROGEN PARTICULATE N MG/L	079031 NITROGEN PARTICULATE N MG/L	079032 NITROGEN PARTICULATE N MG/L	09106L FLUORIDE DISSOLVED F MG/L	10101L ALKALINITY TOTAL CACO3 MG/L	10151L ALKALINITY PHENOL PHTHALEIN CACO3 MG/L
75-05-20	1330	326	--	--	--	--	--	.069	69.5	.0
	1400	326	--	--	--	--	--	.063	87.0	.0
	1420	326	--	--	--	--	--	.065	93.5	.0
75-05-21	1430	326	--	--	--	--	--	.059	69.8	.0
	1500	326	--	--	--	--	--	.056	91.0	.0
	1515	326	--	--	--	--	--	.056	92.8	.0
75-05-22	0740	326	--	--	--	--	--	.064	71.5	.0
	0800	326	--	--	--	--	--	.058	85.2	.0
	0810	326	--	--	--	--	--	.060	93.6	.0
75-09-10	1700	326	--	--	--	--	--	.050	92.1	.0
75-09-11	1100	326	--	--	--	--	--	.050	92.4	.0
75-09-12	1440	326	--	--	--	--	--	.047	88.3	.0
75-09-13	1040	326	.150	--	--	--	--	--	--	--
	1145	326	--	--	--	--	--	.047	89.2	.0
75-10-29	1110	326	.609	--	--	--	--	.048	81.5	.0
	1455	326	.273	--	--	--	--	--	--	--
	1510	326	--	.223	--	--	--	.050	81.9	.0
75-10-30	1005	326	--	.540	--	--	--	--	--	--
	1020	326	--	--	--	--	--	.048	80.0	.0
	1030	326	.201	--	--	--	--	--	--	--
	1445	326	--	.180	--	--	--	--	--	--
	1505	326	.276	--	--	--	--	.049	79.9	.0
75-10-31	0950	326	--	.546	--	--	--	--	--	--
	1015	326	--	--	--	--	--	.050	81.7	.0
	1512	326	.139	--	--	--	--	--	--	--
	1520	326	.137	.127	--	--	--	.050	82.9	.0
76-03-28	1245	326	--	--	--	--	--	.072	81.6	.0
	1300	326	--	--	.028	.031	.024	--	--	--
76-03-30	1030	326	--	--	.027	.029	.024	.084	81.5	.0
76-05-06	1200	326	--	--	--	--	--	.170	92.0	.0
	1245	326	--	--	--	--	--	.175	85.3	.0
76-05-08	0945	326	--	--	--	--	--	.132	87.5	.0
76-06-30	1045	326	.387	.420	--	--	--	--	--	--
	1245	326	.248	.240	--	--	--	.083	91.6	.0
	1300	326	.214	.214	--	--	--	.081	86.4	.0
	1445	326	.261	.335	--	--	--	--	--	--
76-07-02	1515	326	.220	.270	--	--	--	--	--	--
76-07-28	0945	326	.170	.251	--	--	--	--	--	--
	1020	326	.128	.185	--	--	--	.058	82.8	.0
	1110	326	.124	.120	--	--	--	.051	87.2	.0
76-08-21	1515	326	.258	.314	--	--	--	--	--	--
	1530	326	.556	.550	--	--	--	--	--	--
	1545	326	.348	.288	--	--	--	.083	78.9	.0

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FD0005 LAT. 56D 7M 41S LONG. 120D 3M 20S
PEACE RIVER ABOVE ALCES RIVER AT THE CLAYHURST FERRY NEAR THE B.C.-ALTA. BORDER, BRITISH COLUMBIA

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	076515 NITROGEN DISSOLVED N MG/L	076516 NITROGEN DISSOLVED N MG/L	07903R NITROGEN PARTICULATE N MG/L	079031 NITROGEN PARTICULATE N MG/L	079032 NITROGEN PARTICULATE N MG/L	09106L FLUORIDE DISSOLVED F MG/L	10101L ALKALINITY TOTAL CACO3 MG/L	10151L ALKALINITY PHENOL PHTHALEIN CACO3 MG/L
76-08-21	1600	326	.265	.360	--	--	--	.075	91.2	.0
76-09-22	0900	326	.168	.164	--	--	--	--	--	--
	0915	326	.312	.166	--	--	--	--	--	--
	0930	326	.120	.110	--	--	--	.064	82.2	.0

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FD0005 LAT. 56D 7M 41S LONG. 120D 3M 20S
PEACE RIVER ABOVE ALCES RIVER AT THE CLAYHURST FERRY NEAR THE B.C.-ALTA. BORDER, BRITISH COLUMBIA

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	10301L PH PH UNITS	10301S PH PH UNITS	10401L RESIDUE NONFILTR. MG/L	10451L RESIDUE FILTERABLE MG/L	10501L RESIDUE FIXED NONFILTR. MG/L	10551L RESIDUE FIXED FILTERABLE MG/L	10603L HARDNESS TOTAL CACO3 MG/L	11103L SODIUM DISSOLVED NA MG/L
75-05-20	1330	326	8.1	7.8	--	--	--	--	83.0	2.7
	1400	326	8.1	7.8	--	--	--	--	96.0	2.0
	1420	326	8.2	7.8	--	--	--	--	102.0	2.0
75-05-21	1430	326	8.0	7.8	449.	140.	418.	106.	83.0	2.3
	1500	326	8.2	7.8	133.	184.	124.	98.	99.0	1.8
	1515	326	8.2	7.8	132.	176.	122.	108.	102.0	1.8
75-05-22	0740	326	8.0	7.8	311.	148.	294.	106.	85.0	2.2
	0800	326	8.0	7.8	116.	133.	105.	102.	95.0	1.6
	0810	326	8.2	7.8	110.	151.	104.	89.	103.0	1.9
75-09-10	1700	326	8.1	7.8	11.	95.	9.	45.	101.0	1.6
75-09-11	1100	326	8.2	7.8	10.	114.	9.	68.	101.0	1.6
75-09-12	1440	326	8.1	7.7	10.	156.	10.	56.	99.3	1.6
75-09-13	1145	326	8.1	--	8.	98.	8.	74.	96.9	1.6
75-10-29	1110	326	8.0	8.0	--	--	--	--	93.4	1.3
	1510	326	8.1	8.1	18.	102.	17.	22.	92.8	2.3
75-10-30	1020	326	8.0	8.0	--	--	--	--	92.2	1.4
	1505	326	8.0	7.9	--	--	--	--	92.0	1.4
75-10-31	1015	326	8.1	8.1	--	--	--	--	92.8	1.5
	1520	326	8.1	8.0	--	--	--	--	93.4	1.5
76-03-28	1245	326	8.0	7.5	6.	146.	4.	72.	95.8	1.4
76-03-30	1030	326	7.9	8.0	9.	146.	8.	54.	93.2	1.4
76-05-06	1200	326	7.9	--	233.	158.	216.	158.	104.0	1.6
	1245	326	8.0	8.0	225.	168.	212.	112.	97.8	1.7
76-05-08	0945	326	7.9	8.1	135.	134.	125.	134.	98.4	1.9
76-06-30	1245	326	8.0	8.1	197.	100.	180.	68.	103.0	1.8
	1300	326	8.0	7.8	35.	96.	31.	60.	99.3	1.8
76-07-28	1020	326	8.1	8.1	13.	154.	12.	80.	94.5	1.5
	1110	326	8.2	--	22.	104.	20.	56.	96.9	1.5
76-08-21	1545	326	7.9	--	237.	172.	217.	86.	94.7	2.2
	1600	326	8.0	7.8	115.	178.	102.	82.	101.0	2.0
76-09-22	0930	326	7.7	7.6	11.	152.	10.	32.	92.5	1.6

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FD0005 LAT. 56D 7M 41S LONG. 120D 3M 20S
PEACE RIVER ABOVE ALCES RIVER AT THE CLAYHURST FERRY NEAR THE B.C.-ALTA. BORDER, BRITISH COLUMBIA

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	12101L MAGNESIUM DISSOLVED (CALCD.) MG MG/L	14105L SILICA REACTIVE SIO2 MG/L	15102V PHOSPHORUS TOTAL DISSOLVED P MG/L	151021 PHOSPHORUS TOTAL DISSOLVED P MG/L	151022 PHOSPHORUS TOTAL DISSOLVED P MG/L	151023 PHOSPHORUS TOTAL DISSOLVED P MG/L	15406R PHOSPHORUS TOTAL P MG/L	154061 PHOSPHORUS TOTAL P MG/L
75-05-20	1330	326	4.9	4.1	--	--	--	--	.475	.480
	1400	326	5.9	3.8	--	--	--	--	.213	.220
	1420	326	6.8	3.6	--	--	--	--	.178	.180
75-05-21	1430	326	4.9	4.1	--	--	--	--	.350	.350
	1500	326	5.9	3.7	--	--	--	--	.227	.230
	1515	326	6.6	3.7	--	--	--	--	.125	.125
75-05-22	0740	326	6.8	4.2	--	--	--	--	.028	.028
	0800	326	5.9	3.8	--	--	--	--	.170	.180
	0810	326	--	3.7	--	--	--	--	.158	.180
75-09-10	1540	326	--	--	--	--	--	--	.028	.029
	1610	326	--	--	--	--	--	--	.029	.029
	1620	326	--	--	--	--	--	--	.029	.024
	1700	326	11.1	3.3	--	--	--	--	.028	.028
75-09-11	1030	326	--	--	--	--	--	--	.027	.024
	1035	326	--	--	--	--	--	--	.027	.022
	1045	326	--	--	--	--	--	--	.027	.025
	1100	326	12.3	3.2	--	--	--	--	.024	.025
75-09-12	1440	326	11.6	3.3	--	--	--	--	.025	.024
	1500	326	--	--	--	--	--	--	.024	.028
	1510	326	--	--	--	--	--	--	.026	.023
	1515	326	--	--	--	--	--	--	.030	.036
75-09-13	1040	326	--	--	--	--	--	--	.023	.024
	1115	326	--	--	--	--	--	--	.023	.021
	1125	326	--	--	--	--	--	--	.027	.029
	1145	326	11.5	3.3	--	--	--	--	.023	.024
75-10-29	1040	326	--	--	--	--	--	--	.023	.021
	1056	326	--	--	--	--	--	--	.029	.023
	1110	326	5.9	3.7	--	--	--	--	.022	.023
	1440	326	--	--	--	--	--	--	.026	.022
	1455	326	--	--	--	--	--	--	.026	.025
	1510	326	6.4	3.7	--	--	--	--	.022	.023
75-10-30	1005	326	--	--	--	--	--	--	.022	.021
	1020	326	5.8	3.7	--	--	--	--	.022	.022
	1030	326	--	--	--	--	--	--	.022	.022
	1425	326	--	--	--	--	--	--	.026	.022
	1445	326	--	--	--	--	--	--	.023	.022
	1505	326	5.7	3.7	--	--	--	--	.022	.024
75-10-31	0950	326	--	--	--	--	--	--	.018	.017
	1000	326	--	--	--	--	--	--	.012	.013
	1015	326	5.7	3.7	--	--	--	--	.014	.014
	1455	326	--	--	--	--	--	--	.019	.021
	1512	326	--	--	--	--	--	--	.028	.019
	1520	326	5.6	3.7	--	--	--	--	.019	.015

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FD0005 LAT. 56D 7M 41S LONG. 120D 3M 20S
PEACE RIVER ABOVE ALCES RIVER AT THE CLAYHURST FERRY NEAR THE B.C.-ALTA. BORDER, BRITISH COLUMBIA

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	12101L MAGNESIUM DISSOLVED (CALCD.) MG MG/L	14105L SILICA REACTIVE SIO2 MG/L	15102V PHOSPHORUS TOTAL DISSOLVED P MG/L	151021 PHOSPHORUS TOTAL DISSOLVED P MG/L	151022 PHOSPHORUS TOTAL DISSOLVED P MG/L	151023 PHOSPHORUS TOTAL DISSOLVED P MG/L	15406R PHOSPHORUS TOTAL P MG/L	154061 PHOSPHORUS TOTAL P MG/L
76-03-28	1230	326	--	--	--	--	--	--	.018	.020
	1245	326	6.0	4.4	--	--	--	--	.015	.012
	1300	326	--	--	--	--	--	--	.020	.018
76-03-30	1015	326	--	--	.004	.005	.005	.003	.019	.016
	1030	326	5.9	4.3	.003	.002	.003	.003	.013	.013
	1045	326	--	--	.005	.004	.006	.004	.019	.018
76-05-06	1145	326	--	--	.043	.036	.028	.064	.663	.663
	1200	326	5.9	3.9	--	--	--	--	.556	.552
	1215	326	--	--	.021	.017	.024	.022	.291	.290
	1245	326	6.1	3.9	.017	.011	.020	.020	.324	.329
76-05-08	0930	326	--	--	--	--	--	--	.335	.326
	0945	326	5.3	3.8	--	--	--	--	.211	.211
	1000	326	--	--	--	--	--	--	.129	.131
76-06-30	1045	326	--	--	.009	.008	.008	.010	1.210	.845
	1245	326	6.2	4.1	.008	.007	.006	.010	.526	.530
	1300	326	6.0	4.1	.008	.007	.009	.008	.423	.430
	1445	326	--	--	.362	1.070	.007	.008	.614	.610
76-07-02	1515	326	--	--	--	--	--	--	.387	.390
76-07-28	0945	326	--	--	.007	.007	.008	.007	.044	.042
	1020	326	4.3	3.8	.007	.007	.006	.007	.035	.031
	1110	326	5.0	3.6	.008	.006	.013	.006	.036	.041
76-08-21	1515	326	--	--	.008	.008	.007	.009	.212	.200
	1530	326	--	--	.017	.017	.011	.024	.968	.930
	1545	326	5.2	4.6	.011	.013	.010	.010	.397	.390
	1600	326	6.0	4.3	.007	.006	.009	.007	.213	.220
76-09-22	0900	326	--	--	.008	.008	.007	.008	.028	.030
	0915	326	--	--	.004	.004	.004	.004	.020	.020
	0930	326	5.7	3.6	.005	.005	.005	.005	.020	.020

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FD0005 LAT. 56D 7M 41S LONG. 120D 3M 20S
PEACE RIVER ABOVE ALCES RIVER AT THE CLAYHURST FERRY NEAR THE B.C.-ALTA. BORDER, BRITISH COLUMBIA

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	154062 PHOSPHORUS TOTAL P MG/L	154063 PHOSPHORUS TOTAL P MG/L	154064 PHOSPHORUS TOTAL P MG/L	154065 PHOSPHORUS TOTAL P MG/L	154066 PHOSPHORUS TOTAL P MG/L	16306L SULPHATE DISSOLVED SO4 MG/L	17206L CHLORIDE DISSOLVED CL MG/L	19103L POTASSIUM DISSOLVED K MG/L
75-05-20	1330	326	.470	.480	.460	.480	.480	17.0	2.5	1.8
	1400	326	.210	.210	.210	.220	.210	12.0	1.5	1.1
	1420	326	.180	.180	.170	.180	--	12.0	1.4	1.2
75-05-21	1430	326	.350	.350	.350	.350	.350	15.7	2.2	1.7
	1500	326	.230	.230	.220	.230	.220	11.0	1.2	.9
	1515	326	.125	.125	.125	.125	.125	11.0	1.1	.9
75-05-22	0740	326	.028	.028	.028	.028	.030	15.5	2.3	1.4
	0800	326	.170	.160	.170	.170	.170	11.5	1.2	.8
	0810	326	.120	.160	.160	.160	.170	11.0	1.2	1.0
75-09-10	1540	326	.026	.027	.026	.031	.031	--	--	--
	1610	326	.029	.027	.029	.028	.033	--	--	--
	1620	326	.030	.030	.031	.028	.029	--	--	--
	1700	326	.027	.032	.025	.028	.025	13.9	.6	.5
75-09-11	1030	326	.024	.026	.024	.023	.040	--	--	--
	1035	326	.025	.029	.029	.025	.031	--	--	--
	1045	326	.025	.027	.027	.029	.028	--	--	--
	1100	326	.025	.024	.024	.024	.024	14.3	.6	.5
75-09-12	1440	326	.025	.028	.023	.023	.024	13.8	.6	.5
	1500	326	.021	.025	.023	.024	.024	--	--	--
	1510	326	.034	.024	.024	.024	.025	--	--	--
	1515	326	.031	.026	.031	.027	.027	--	--	--
75-09-13	1040	326	.022	.024	.023	.023	.023	--	--	--
	1115	326	.025	.021	.025	.025	.023	--	--	--
	1125	326	.021	.024	.025	.027	.038	--	--	--
	1145	326	.022	.022	.025	.023	.023	13.8	.6	.5
75-10-29	1040	326	.020	.035	.022	.022	.019	--	--	--
	1056	326	.026	.025	.056	.019	.024	--	--	--
	1110	326	.019	.020	.024	.026	.021	10.1	.5	.5
	1440	326	.032	.024	.030	.023	.023	--	--	--
	1455	326	.024	.024	.027	.027	.026	--	--	--
	1510	326	.022	.025	.022	.021	.021	9.9	.6	.5
75-10-30	1005	326	.023	.020	.023	.024	.020	--	--	--
	1020	326	.020	.023	.024	.019	.021	9.8	.6	.5
	1030	326	.022	.024	.021	.024	.020	--	--	--
	1425	326	.042	.023	.022	.026	.022	--	--	--
	1445	326	.023	.022	.023	.022	.023	--	--	--
	1505	326	.021	.022	.021	.021	.024	9.8	.6	.5
75-10-31	0950	326	.016	.014	.015	.027	.017	--	--	--
	1000	326	.014	.011	.013	.012	.011	--	--	--
	1015	326	.014	.016	.013	.014	.013	10.1	.6	.5
	1455	326	.020	.018	.018	.020	.017	--	--	--
	1512	326	.019	.019	.019	.068	.022	--	--	--
	1520	326	.018	.028	.020	.020	.015	10.0	.6	.6

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FD0005 LAT. 56D 7M 41S LONG. 120D 3M 20S
PEACE RIVER ABOVE ALCES RIVER AT THE CLAYHURST FERRY NEAR THE B.C.-ALTA. BORDER, BRITISH COLUMBIA

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	154062 PHOSPHORUS TOTAL P MG/L	154063 PHOSPHORUS TOTAL P MG/L	154064 PHOSPHORUS TOTAL P MG/L	154065 PHOSPHORUS TOTAL P MG/L	154066 PHOSPHORUS TOTAL P MG/L	16306L SULPHATE DISSOLVED SO4 MG/L	17206L CHLORIDE DISSOLVED CL MG/L	19103L POTASSIUM DISSOLVED K MG/L
76-03-28	1230	326	.016	.018	.018	.017	.017	--	--	--
	1245	326	.012	.012	.018	.024	.012	10.8	.6	.5
	1300	326	.019	.021	.018	.017	.024	--	--	--
76-03-30	1015	326	.018	.017	.017	.017	.027	--	--	--
	1030	326	.014	.012	.014	.012	.012	11.7	.6	.5
	1045	326	.018	.017	.017	.025	.016	--	--	--
76-05-06	1145	326	.670	.659	.677	.640	.670	--	--	--
	1200	326	.560	.550	.540	.565	.570	9.9	1.1	1.2
	1215	326	.300	.287	.290	.280	.300	--	--	--
	1245	326	.320	.311	.329	.339	.315	10.2	1.0	.9
76-05-08	0930	326	.330	.347	.334	.338	.334	--	--	--
	0945	326	.212	.218	.200	.213	.214	10.1	.9	.9
	1000	326	.131	.126	.132	.126	.130	--	--	--
76-06-30	1045	326	.832	.841	.830	3.120	.791	--	--	--
	1245	326	.505	.535	.535	.530	.520	12.1	1.5	1.7
	1300	326	.405	.425	.400	.404	.475	13.7	1.3	1.4
	1445	326	.610	.592	.661	.602	.610	--	--	--
76-07-02	1515	326	.395	.390	.390	.392	.364	--	--	--
76-07-28	0945	326	.045	.045	.043	.044	.042	--	--	--
	1020	326	.034	.034	.038	.035	.036	9.1	.7	.5
	1110	326	.034	.035	.035	.034	.035	8.5	.7	.5
76-08-21	1515	326	.200	.250	.210	.210	.200	--	--	--
	1530	326	.950	.940	1.020	1.010	.960	--	--	--
	1545	326	.390	.400	.410	.390	.400	14.5	1.5	1.2
	1600	326	.210	.200	.220	.220	.210	11.4	1.1	1.0
76-09-22	0900	326	.031	.029	.025	.026	.026	--	--	--
	0915	326	.020	.020	.020	.019	.019	--	--	--
	0930	326	.019	.019	.020	.021	.019	9.3	.7	.5

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DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FD0005 LAT. 56D 7M 41S LONG. 120D 3M 20S
PEACE RIVER ABOVE ALCES RIVER AT THE CLAYHURST FERRY NEAR THE B.C.-ALTA. BORDER, BRITISH COLUMBIA

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	20101L CALCIUM DISSOLVED CA MG/L	25104T MANGANESE DISSOLVED MN MG/L	251041 MANGANESE DISSOLVED MN MG/L	251042 MANGANESE DISSOLVED MN MG/L	251043 MANGANESE DISSOLVED MN MG/L	25304P MANGANESE EXTRBLE. MN MG/L	25304W MANGANESE EXTRBLE. MN MG/L	253041 MANGANESE EXTRBLE. MN MG/L
75-05-20	1330	326	25.2	--	--	--	--	--	--	--
	1400	326	28.8	--	--	--	--	--	--	--
	1420	326	29.6	--	--	--	--	--	--	--
75-05-21	1430	326	25.2	--	--	--	--	--	--	--
	1500	326	30.0	--	--	--	--	--	--	--
	1515	326	30.0	--	--	--	--	--	--	--
75-05-22	0740	326	25.2	--	--	--	--	--	--	--
	0800	326	28.4	--	--	--	--	--	--	--
	0810	326	30.0	--	--	--	--	--	--	--
75-09-10	1700	326	22.1	--	--	--	--	--	--	--
75-09-11	1100	326	20.2	--	--	--	--	--	--	--
75-09-12	1440	326	20.6	--	--	--	--	--	--	--
75-09-13	1145	326	19.8	--	--	--	--	--	--	--
75-10-29	1040	326	--	--	--	--	--	L.01	--	--
	1056	326	--	--	--	--	--	L.01	--	--
	1110	326	27.7	--	--	--	--	L.01	--	--
	1440	326	--	--	--	--	--	L.01	--	--
	1455	326	--	--	--	--	--	L.01	--	--
	1510	326	26.6	--	--	--	--	L.01	--	--
75-10-30	1005	326	--	--	--	--	--	L.01	--	--
	1020	326	27.3	--	--	--	--	L.01	--	--
	1030	326	--	--	--	--	--	L.01	--	--
	1425	326	--	--	--	--	--	L.01	--	--
	1445	326	--	--	--	--	--	L.01	--	--
	1505	326	27.4	--	--	--	--	L.01	--	--
75-10-31	0950	326	--	--	--	--	--	L.01	--	--
	1000	326	--	--	--	--	--	L.01	--	--
	1015	326	27.7	--	--	--	--	L.01	--	--
	1520	326	28.1	--	--	--	--	--	--	--
76-03-28	1230	326	--	--	--	--	--	--	L.01	L.01
	1245	326	28.4	--	--	--	--	L.01	L.01	L.01
	1300	326	--	--	--	--	--	--	Q.01	.01
76-03-30	1015	326	--	L.01	L.01	L.01	L.01	--	L.01	L.01
	1030	326	27.6	L.01	L.01	L.01	L.01	.01	L.01	--
	1045	326	--	L.01	L.01	L.01	L.01	--	Q.01	--
76-05-06	1145	326	--	--	--	--	--	--	.24	.24
	1200	326	31.9	--	--	--	--	.18	.19	.20
	1215	326	--	--	--	--	--	--	.09	.12
	1245	326	29.1	--	--	--	--	.08	.09	.09
76-05-08	0930	326	--	--	--	--	--	--	.12	.12
	0945	326	30.7	--	--	--	--	.08	.07	.07
	1000	326	--	--	--	--	--	--	.02	--
76-06-30	1245	326	31.1	--	--	--	--	.17	--	--

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DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FD0005 LAT. 56D 7M 41S LONG. 120D 3M 20S
PEACE RIVER ABOVE ALCES RIVER AT THE CLAYHURST FERRY NEAR THE B.C.-ALTA. BORDER, BRITISH COLUMBIA

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	20101L CALCIUM DISSOLVED CA MG/L	25104T MANGANESE DISSOLVED MN MG/L	251041 MANGANESE DISSOLVED MN MG/L	251042 MANGANESE DISSOLVED MN MG/L	251043 MANGANESE DISSOLVED MN MG/L	25304P MANGANESE EXTRBLE. MN MG/L	25304W MANGANESE EXTRBLE. MN MG/L	253041 MANGANESE EXTRBLE. MN MG/L
76-06-30	1300	326	29.8	--	--	--	--	.12	--	--
76-07-28	1020	326	30.8	--	--	--	--	L.01	--	--
	1110	326	30.6	--	--	--	--	--	--	--
76-08-21	1545	326	29.4	--	--	--	--	.07	--	--
	1600	326	30.6	--	--	--	--	.06	--	--
76-09-22	0930	326	27.6	--	--	--	--	L.01	--	--

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FD0005 LAT. 56D 7M 41S LONG. 120D 3M 20S
PEACE RIVER ABOVE ALCES RIVER AT THE CLAYHURST FERRY NEAR THE B.C.-ALTA. BORDER, BRITISH COLUMBIA

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	253042 MANGANESE EXTRBLE. MN MG/L	253043 MANGANESE EXTRBLE. MN MG/L	253044 MANGANESE EXTRBLE. MN MG/L	253045 MANGANESE EXTRBLE. MN MG/L	253046 MANGANESE EXTRBLE. MN MG/L	26105T IRON DISSOLVED FE MG/L	261051 IRON DISSOLVED FE MG/L	261052 IRON DISSOLVED FE MG/L
76-03-28	1230	326	--	--	L.01	--	--	--	--	--
	1245	326	--	--	L.01	L.01	--	--	--	--
	1300	326	L.01	.01	--	L.01	--	--	--	--
76-03-30	1015	326	L.01	L.01	--	L.01	L.01	.013	.014	.014
	1030	326	--	L.01	--	--	--	.011	.009	.010
	1045	326	L.01	--	--	L.01	.01	.019	.012	.032
76-05-06	1145	326	.24	.24	.24	.24	.24	--	--	--
	1200	326	.20	.19	.19	.19	.19	--	--	--
	1215	326	.09	.10	.10	.01	.10	--	--	--
	1245	326	.09	.09	.10	.08	.10	--	--	--
76-05-08	0930	326	.12	.12	.12	.11	.12	--	--	--
	0945	326	--	.06	--	--	.07	--	--	--
	1000	326	--	.02	--	--	--	--	--	--

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FD0005 LAT. 56D 7M 41S LONG. 120D 3M 20S
PEACE RIVER ABOVE ALCES RIVER AT THE CLAYHURST FERRY NEAR THE B.C.-ALTA. BORDER, BRITISH COLUMBIA

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	261053 IRON DISSOLVED FE MG/L	26304P IRON EXTRBLE. FE MG/L	26304W IRON EXTRBLE. FE MG/L	263041 IRON EXTRBLE. FE MG/L	263042 IRON EXTRBLE. FE MG/L	263043 IRON EXTRBLE. FE MG/L	263044 IRON EXTRBLE. FE MG/L	263045 IRON EXTRBLE. FE MG/L
75-09-10	1540	326	--	--	.26	.28	.26	.27	.24	.26
	1610	326	--	--	.24	.23	.23	.22	.23	.23
	1620	326	--	--	.23	.33	.23	.23	.16	.21
	1700	326	--	--	.20	.19	.20	.18	.21	.19
75-09-11	1030	326	--	--	.25	.21	.19	.25	.28	.23
	1035	326	--	--	.22	.22	.22	.21	.20	.24
	1045	326	--	--	.20	.13	.33	.23	.15	.20
	1100	326	--	--	.24	.21	.21	.23	.21	.21
75-09-12	1440	326	--	--	.19	.15	.23	.16	.23	.15
	1500	326	--	--	.23	.20	.23	.23	.23	.23
	1510	326	--	--	.21	.22	.19	.18	.31	.19
	1515	326	--	--	.31	.23	.43	.40	.31	.23
75-09-13	1040	326	--	--	.28	.33	.32	.27	.23	.23
	1115	326	--	--	.23	.26	.21	.19	.29	.21
	1125	326	--	--	.28	.43	.24	.31	.26	.21
	1145	326	--	--	.23	.22	.19	.22	.24	.24
75-10-29	1040	326	--	.08	.13	.12	.17	.13	.11	.12
	1056	326	--	.14	.14	.15	.14	.14	.14	.14
	1110	326	--	.10	.13	.13	.14	.14	.13	.12
	1440	326	--	.12	.14	.14	.13	.15	.14	.13
	1455	326	--	.15	.15	.14	.14	.16	.16	.15
	1510	326	--	.08	.14	.12	.15	.13	.14	.15
75-10-30	1005	326	--	.10	.12	.13	.12	.14	.11	.12
	1020	326	--	.12	.13	.08	.13	.12	.11	.16
	1030	326	--	.16	.12	.12	.10	.14	.10	.13
	1425	326	--	.13	.16	.13	.14	.21	.12	.18
	1445	326	--	.17	.14	.11	.15	.14	.14	.14
	1505	326	--	.12	.11	.13	.10	.10	.13	.10
75-10-31	0950	326	--	.11	.13	.15	.12	.10	.14	.14
	1000	326	--	.10	.12	.10	.13	.12	.12	.13
	1015	326	--	.10	.15	.12	.12	.17	.17	.10
	1455	326	--	--	.26	.20	.35	.14	.25	.34
	1512	326	--	--	.17	.22	.16	.15	.14	.17
	1520	326	--	--	.15	.14	.13	.16	.14	.22
76-03-28	1230	326	--	--	.19	.13	.31	.22	.18	.18
	1245	326	--	--	*.09	.07	.10	.11	.061 054	.07
	1300	326	--	--	.12	.14	.11	.17	.10	.09
76-03-30	1015	326	.010	--	.14	.10	.11	.11	.10	.17
	1030	326	.015	--	*.08	.08	.15	.08	.06	.050 055
	1045	326	.012	--	.14	.09	.08	.08	.07	.24
76-05-06	1145	326	--	--	2.98	3.10	3.20	3.40	3.30	3.20
	1200	326	--	2.80	2.97	3.00	2.90	3.00	2.90	3.00

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FD0005 LAT. 56D 7M 41S LONG. 120D 3M 20S
PEACE RIVER ABOVE ALCES RIVER AT THE CLAYHURST FERRY NEAR THE B.C.-ALTA. BORDER, BRITISH COLUMBIA

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	261053 IRON DISSOLVED FE MG/L	26304P IRON EXTRBLE. FE MG/L	26304W IRON EXTRBLE. FE MG/L	263041 IRON EXTRBLE. FE MG/L	263042 IRON EXTRBLE. FE MG/L	263043 IRON EXTRBLE. FE MG/L	263044 IRON EXTRBLE. FE MG/L	263045 IRON EXTRBLE. FE MG/L
76-05-06	1215	326	--	--	1.87	2.00	2.00	2.00	2.10	1.10
	1245	326	--	1.50	1.62	1.60	1.60	1.60	1.70	1.60
76-05-08	0930	326	--	--	1.58	1.60	1.70	1.10	1.70	1.70
	0945	326	--	.96	.90	1.00	.75	.98	.47	1.10
	1000	326	--	--	.70	.96	.52	.41	.78	.94
76-06-30	1045	326	--	--	4.90	5.00	4.90	4.90	4.90	4.80
	1245	326	--	2.80	2.57	2.50	2.60	2.60	2.60	2.50
	1300	326	--	2.50	1.90	2.10	1.30	2.20	1.90	2.40
	1445	326	--	--	2.63	2.60	2.70	2.70	2.70	2.50
76-07-02	1515	326	--	--	1.65	1.80	1.30	1.80	1.80	1.80
76-07-28	0945	326	--	--	.26	.27	.26	.24	.26	.29
	1020	326	--	.21	.16	.17	.16	.16	.16	.15
	1110	326	--	--	.17	.20	.15	.16	.16	.19
76-08-21	1515	326	--	--	.58	.45	1.30	.50	.40	.41
	1530	326	--	--	6.33	6.80	6.80	4.20	6.80	6.60
	1545	326	--	1.10	3.43	3.40	3.40	3.50	3.50	3.40
	1600	326	--	1.10	1.04	.40	.75	1.00	.50	1.10
76-09-22	0900	326	--	--	.37	.37	.40	.35	.37	.37
	0915	326	--	--	.17	.15	.18	.15	.17	.17
	0930	326	--	.16	.15	.14	.16	.16	.15	.14

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

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PEACE RIVER ABOVE ALCES RIVER AT THE CLAYHURST FERRY NEAR THE B.C.-ALTA. BORDER, BRITISH COLUMBIA

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	263046 IRON EXTRBLE. FE MG/L	27302P COBALT EXTRBLE. CO MG/L	28302P NICKEL EXTRBLE. NI MG/L	29305P COPPER EXTRBLE. CU MG/L	30305P ZINC EXTRBLE. ZN MG/L	33304L ARSENIC EXTRBLE. AS MG/L	34302L SELENIUM EXTRBLE. SE MG/L	38301P STRONTIUM EXTRBLE. SR MG/L
75-05-20	1330	326	--	.001	.001	.002	.007	.0019	--	.10
	1400	326	--	.002	.006	.005	.015	.0015	--	.10
	1420	326	--	.002	.003	.004	.011	.0018	--	.11
75-05-21	1430	326	--	L.001	.005	.007	.021	.0026	--	.08
	1500	326	--	L.001	.002	.003	.008	.0015	--	.10
	1515	326	--	L.001	L.001	.003	.007	.0012	--	.10
75-05-22	0740	326	--	.001	.005	.007	.017	.0036	--	.09
	0800	326	--	L.001	.002	.003	.009	.0010	--	.10
	0810	326	--	L.001	L.001	.002	.006	.0010	--	.11
75-09-10	1540	326	.27	--	--	--	--	--	--	--
	1610	326	.28	--	--	--	--	--	--	--
	1620	326	.23	--	--	--	--	--	--	--
	1700	326	.21	--	--	--	--	--	--	--
75-09-11	1030	326	.34	--	--	--	--	--	--	--
	1035	326	.22	--	--	--	--	--	--	--
	1045	326	.15	--	--	--	--	--	--	--
	1100	326	.34	--	--	--	--	--	--	--
75-09-12	1440	326	.19	--	--	--	--	--	--	--
	1500	326	.26	--	--	--	--	--	--	--
	1510	326	.19	--	--	--	--	--	--	--
	1515	326	.27	--	--	--	--	--	--	--
75-09-13	1040	326	.31	--	--	--	--	--	--	--
	1115	326	.20	--	--	--	--	--	--	--
	1125	326	.21	--	--	--	--	--	--	--
	1145	326	.27	--	--	--	--	--	--	--
75-10-29	1040	326	.11	L.001	L.001	.001	.006	--	.0003	--
	1056	326	.15	L.001	L.001	L.001	.002	--	.0003	--
	1110	326	.14	L.001	L.001	.002	.002	--	.0003	--
	1440	326	.14	L.001	L.001	L.001	.002	--	.0003	--
	1455	326	.15	L.001	L.001	L.001	.002	--	.0003	--
	1510	326	.12	L.001	L.001	L.001	.004	--	.0003	--
75-10-30	1005	326	.12	.001	L.001	L.001	.001	--	.0003	--
	1020	326	.17	.001	L.001	L.001	.002	--	.0003	--
	1030	326	.15	L.001	L.001	.001	.002	--	.0003	--
	1425	326	.17	L.001	L.001	L.001	.001	--	.0003	--
	1445	326	.14	L.001	L.001	.001	.002	--	.0003	--
	1505	326	.12	L.001	L.001	L.001	.002	--	.0003	--
75-10-31	0950	326	.10	L.001	L.001	L.001	.001	--	.0003	--
	1000	326	.10	L.001	L.001	L.001	.002	--	.0003	--
	1015	326	.19	L.001	L.001	L.001	.001	--	.0004	--
	1455	326	.28	--	--	--	--	--	--	--
	1512	326	.15	--	--	--	--	--	--	--
	1520	326	.11	--	--	--	--	--	--	--

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FD0005 LAT. 56D 7M 41S LONG. 120D 3M 20S
PEACE RIVER ABOVE ALCES RIVER AT THE CLAYHURST FERRY NEAR THE B.C.-ALTA. BORDER, BRITISH COLUMBIA

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	263046 IRON EXTRBLE. FE MG/L	27302P COBALT EXTRBLE. CO MG/L	28302P NICKEL EXTRBLE. NI MG/L	29305P COPPER EXTRBLE. CU MG/L	30305P ZINC EXTRBLE. ZN MG/L	33304L ARSENIC EXTRBLE. AS MG/L	34302L SELENIUM EXTRBLE. SE MG/L	38301P STRONTIUM EXTRBLE. SR MG/L
76-03-28	1230	326	.11	--	--	--	--	--	--	--
	1245	326	.11	L.001	L.001	.001	.001	.0001	.0002	--
	1300	326	.13	--	--	--	--	--	--	--
76-03-30	1015	326	.22	--	--	--	--	--	--	--
	1030	326	.07	L.001	L.001	.001	L.001	.0002	.0002	--
	1045	326	.27	--	--	--	--	--	--	--
76-05-06	1145	326	1.70	--	--	--	--	--	--	--
	1200	326	3.00	.003	.009	.010	.021	--	--	--
	1215	326	2.00	--	--	--	--	--	--	--
	1245	326	1.60	.002	.004	.005	.014	.0006	.0002	--
76-05-08	0930	326	1.70	--	--	--	--	--	--	--
	0945	326	1.10	L.001	.003	.004	.006	--	--	--
	1000	326	.60	--	--	--	--	--	--	--
76-06-30	1045	326	4.90	--	--	--	--	--	--	--
	1245	326	2.60	L.001	.005	.007	.014	.0053	.0009	--
	1300	326	1.50	.004	.005	.006	.013	.0058	.0011	--
	1445	326	2.60	--	--	--	--	--	--	--
76-07-02	1515	326	1.40	--	--	--	--	--	--	--
76-07-28	0945	326	.26	--	--	--	--	--	--	--
	1020	326	.13	L.001	.003	.002	.001	.0005	.0003	--
	1110	326	.18	--	--	--	--	.0005	.0002	--
76-08-21	1515	326	.41	--	--	--	--	--	--	--
	1530	326	6.80	--	--	--	--	--	--	--
	1545	326	3.40	.003	.007	.004	.010	.0048	.0009	--
	1600	326	2.50	.001	.004	.003	.009	.0023	.0004	--
76-09-22	0900	326	.35	--	--	--	--	--	--	--
	0915	326	.20	--	--	--	--	--	--	--
	0930	326	.16	L.001	.001	.001	.001	.0004	.0002	--

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FD0005 LAT. 56D 7M 41S LONG. 120D 3M 20S
PEACE RIVER ABOVE ALCES RIVER AT THE CLAYHURST FERRY NEAR THE B.C.-ALTA. BORDER, BRITISH COLUMBIA

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	42302P MOLYBDENUM EXTRBLE. MO MG/L	48302P CADMIUM EXTRBLE. CD MG/L	56302P BARIUM EXTRBLE. BA MG/L	80311P MERCURY EXTRBLE. HG UG/L	82302P LEAD EXTRBLE. PB MG/L
75-05-20	1330	326	L.0005	L.0002	.36	--	.002
	1400	326	L.0005	L.0002	.37	--	.003
	1420	326	.0005	L.0002	.37	--	.001
75-05-21	1430	326	L.0005	L.0002	.35	--	.002
	1500	326	L.0005	L.0002	.33	--	.003
	1515	326	L.0005	L.0002	.37	--	L.001
75-05-22	0740	326	L.0005	L.0002	.38	--	.002
	0800	326	L.0005	L.0002	.33	--	.001
	0810	326	L.0005	L.0002	.38	--	L.001
75-10-29	1040	326	--	L.0002	.22	L.05	.011
	1056	326	--	L.0002	.19	L.05	.002
	1110	326	--	L.0002	.19	L.05	.001
	1440	326	--	L.0002	.20	L.05	L.001
	1455	326	--	L.0002	.18	L.05	.002
	1510	326	--	L.0002	.18	L.05	L.001
75-10-30	1005	326	--	L.0002	.20	L.05	L.001
	1020	326	--	L.0002	.20	L.05	L.001
	1030	326	--	L.0002	.18	L.05	.001
	1425	326	--	L.0002	.20	L.05	.001
	1445	326	--	L.0002	.23	L.05	.010
	1505	326	--	L.0002	.19	L.05	L.001
75-10-31	0950	326	--	L.0002	.20	L.05	L.001
	1000	326	--	L.0002	.20	L.05	.006
	1015	326	--	L.0002	.19	L.05	L.001
	1520	326	--	--	--	L.05	--
76-03-28	1245	326	--	L.0002	.12	L.05	L.001
76-03-30	1015	326	--	--	--	--	.001
	1030	326	--	L.0002	.11	L.05	--
76-05-06	1200	326	--	.0003	--	--	.006
	1245	326	--	L.0002	--	--	.003
76-05-08	0945	326	--	L.0002	--	--	.002
76-06-30	1045	326	--	--	--	.08	--
	1245	326	--	.0004	.37	L.05	.007
	1300	326	--	.0002	.31	L.05	.001
	1445	326	--	--	--	L.05	--
76-07-28	1020	326	--	L.0002	.18	L.05	L.001
	1110	326	--	--	--	L.05	--
76-08-21	1545	326	--	.0004	.23	L.05	.001
	1600	326	--	.0002	.22	--	.002
76-09-22	0900	326	--	--	--	L.05	--
	0930	326	--	L.0002	.14	L.05	L.001

FOOTNOTE: L - LESS THAN DETECTION LIMIT G - GREATER THAN MEASUREMENT LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION G - PLUS GRAND QUE LA LIMITE MESURE

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FD0007
KISKATINAW RIVER. ALASKA HWY BRIDGE. NEAR FARMINGTON.
LAT. 55D 57M 24S LONG. 120D 33M 50S
BRITISH COLUMBIA.

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	02011L COLOUR APPARENT REL. UNITS	02041L SPECIFIC CONDUCT. USIE/CM	02041S SPECIFIC CONDUCT. USIE/CM	02061L TEMP. WATER DEG.C.	02061S TEMP. WATER DEG.C.	02073L TURBIDITY JTU	06001R CARBON TOTAL ORGANIC C MG/L	060011 CARBON TOTAL ORGANIC C MG/L
76-03-29	1000	326	35.	456.	420.	20.5	1.0	42.0	12.1	12.3
76-03-31	0930	326	40.	438.	460.	20.4	.5	63.0	21.3	20.9
76-05-07	0800	326	60.	204.	--	22.6	8.0	175.0	29.5	--
76-05-10	0830	326	70.	208.	--	22.5	10.0	225.0	22.5	--
76-07-27	1750	326	80.	377.	430.	20.2	18.0	31.0	10.9	13.0
76-08-22	1800	326	160.	273.	270.	19.2	15.0	145.0	19.3	21.0
76-09-21	1500	326	75.	387.	275.	21.4	11.5	37.0	8.2	6.1

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	060012 CARBON TOTAL ORGANIC C MG/L	060013 CARBON TOTAL ORGANIC C MG/L	060014 CARBON TOTAL ORGANIC C MG/L	060015 CARBON TOTAL ORGANIC C MG/L	060016 CARBON TOTAL ORGANIC C MG/L	06051R CARBON TOTAL INORGANIC C MG/L	060511 CARBON TOTAL INORGANIC C MG/L	060512 CARBON TOTAL INORGANIC C MG/L
76-03-29	1000	326	13.2	11.0	12.6	10.4	13.3	51.8	52.1	50.6
76-03-31	0930	326	--	22.9	--	--	20.2	49.4	50.5	--
76-05-07	0800	326	--	29.0	30.0	--	--	28.0	--	--
76-05-10	0830	326	--	23.0	22.0	--	--	24.5	--	--
76-07-27	1750	326	5.5	11.0	14.0	8.8	13.0	44.8	42.0	50.0
76-08-22	1800	326	21.0	21.0	17.0	18.0	18.0	34.2	33.0	33.0
76-09-21	1500	326	7.4	9.4	9.1	7.7	9.4	51.2	51.0	52.0

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	060513 CARBON TOTAL INORGANIC C MG/L	060514 CARBON TOTAL INORGANIC C MG/L	060515 CARBON TOTAL INORGANIC C MG/L	060516 CARBON TOTAL INORGANIC C MG/L	06101R CARBON DISSOLVED ORGANIC C MG/L	061011 CARBON DISSOLVED ORGANIC C MG/L	061012 CARBON DISSOLVED ORGANIC C MG/L	061013 CARBON DISSOLVED ORGANIC C MG/L
76-03-29	1000	326	51.9	51.8	51.6	52.6	--	--	--	--
76-03-31	0930	326	49.0	--	--	48.8	--	--	--	--
76-05-07	0800	326	28.0	28.0	--	--	--	--	--	--
76-05-10	0830	326	24.0	25.0	--	--	--	--	--	--
76-07-01	1545	326	--	--	--	--	18.3	17.0	19.0	18.0
76-07-27	1750	326	45.0	42.0	47.0	43.0	--	--	--	--
76-08-22	1800	326	33.0	37.0	35.0	34.0	--	--	--	--
76-09-21	1500	326	51.0	51.0	51.0	51.0	--	--	--	--

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FD0007
KISKATINAW RIVER. ALASKA HWY BRIDGE. NEAR FARMINGTON.

LAT. 55D 57M 24S LONG. 120D 33M 50S
BRITISH COLUMBIA.

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	061014 CARBON DISSOLVED ORGANIC C MG/L	061015 CARBON DISSOLVED ORGANIC C MG/L	061016 CARBON DISSOLVED ORGANIC C MG/L	06151R CARBON DISSOLVED INORGANIC C MG/L	061511 CARBON DISSOLVED INORGANIC C MG/L	061512 CARBON DISSOLVED INORGANIC C MG/L	061513 CARBON DISSOLVED INORGANIC C MG/L	061514 CARBON DISSOLVED INORGANIC C MG/L
76-07-01	1545	326	19.0	18.0	19.0	27.3	27.0	28.0	27.0	27.0

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	061515 CARBON DISSOLVED INORGANIC C MG/L	061516 CARBON DISSOLVED INORGANIC C MG/L	06536W PHENOLIC MATERIAL PHENOL MG/L	065361 PHENOLIC MATERIAL PHENOL MG/L	065362 PHENOLIC MATERIAL PHENOL MG/L	065363 PHENOLIC MATERIAL PHENOL MG/L	07110R NITROGEN DISSOLVED NO3 & NO2 N MG/L	071101 NITROGEN DISSOLVED NO3 & NO2 N MG/L
76-03-29	1000	326	--	--	--	--	--	--	.13	.124
76-03-31	0930	326	--	--	--	--	--	--	.11	.109
76-05-07	0800	326	--	--	L.0005	L.0005	L.0005	L.0005	.04	.031
76-05-10	0830	326	--	--	--	--	--	--	.02	.020
76-07-01	1545	326	28.0	27.0	L.0005	L.0005	L.0005	L.0005	.05	.025
76-07-27	1750	326	--	--	--	--	--	--	Q.01	.068
76-08-22	1800	326	--	--	.0005	.0005	.0005	.0005	.04	.114
76-09-21	1500	326	--	--	--	--	--	--	.01	.024

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	071102 NITROGEN DISSOLVED NO3 & NO2 N MG/L	071103 NITROGEN DISSOLVED NO3 & NO2 N MG/L	071104 NITROGEN DISSOLVED NO3 & NO2 N MG/L	071105 NITROGEN DISSOLVED NO3 & NO2 N MG/L	071106 NITROGEN DISSOLVED NO3 & NO2 N MG/L	07557R NITROGEN DISSOLVED AMMONIA N MG/L	075571 NITROGEN DISSOLVED AMMONIA N MG/L	075572 NITROGEN DISSOLVED AMMONIA N MG/L
76-03-29	1000	326	.124	.129	.123	.127	.133	.132	.130	.135
76-03-31	0930	326	.106	.108	.106	.107	.108	.094	.090	.091
76-05-07	0800	326	.040	.050	.031	.030	.031	.056	.053	.060
76-05-10	0830	326	.015	.014	.038	.014	.035	.036	.036	.034
76-07-01	1545	326	.034	.049	.057	.060	.056	.087	.077	.085
76-07-27	1750	326	.008	L.002	L.002	L.002	.005	.039	.047	.046
76-08-22	1800	326	.014	.042	.020	.019	.025	.039	.034	.039
76-09-21	1500	326	.009	.007	.007	.002	.014	.013	.012	.012

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FD0007
KISKATINAW RIVER. ALASKA HWY BRIDGE. NEAR FARMINGTON.

LAT. 55D 57M 24S LONG. 120D 33M 50S
BRITISH COLUMBIA.

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	075573 NITROGEN DISSOLVED AMMONIA N MG/L	075574 NITROGEN DISSOLVED AMMONIA N MG/L	075575 NITROGEN DISSOLVED AMMONIA N MG/L	075576 NITROGEN DISSOLVED AMMONIA N MG/L	07651R NITROGEN DISSOLVED N MG/L	076511 NITROGEN DISSOLVED N MG/L	076512 NITROGEN DISSOLVED N MG/L	076513 NITROGEN DISSOLVED N MG/L
76-03-29	1000	326	.133	.132	.132	.129	.680	.683	.677	--
76-03-31	0930	326	.093	.100	.091	.096	.668	.660	.675	--
76-05-07	0800	326	.050	.056	.060	.056	.530	.515	.544	--
76-05-10	0830	326	.038	.033	.038	.035	.456	.450	.461	--
76-07-01	1545	326	.073	.084	.100	.100	.630	.518	.585	.696
76-07-27	1750	326	.043	.035	.031	.030	.334	.356	.330	.330
76-08-22	1800	326	.039	.041	.040	.042	.594	.650	.568	.600
76-09-21	1500	326	.013	.013	.011	.014	.288	.298	.305	.295

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	076514 NITROGEN DISSOLVED N MG/L	076515 NITROGEN DISSOLVED N MG/L	076516 NITROGEN DISSOLVED N MG/L	07903R NITROGEN PARTICULATE N MG/L	079031 NITROGEN PARTICULATE N MG/L	079032 NITROGEN PARTICULATE N MG/L	09106L FLUORIDE DISSOLVED F MG/L	10101L ALKALINITY TOTAL CACO3 MG/L
76-03-29	1000	326	--	--	--	.205	.210	.200	.110	223.0
76-03-31	0930	326	--	--	--	--	--	--	.110	208.0
76-05-07	0800	326	--	--	--	--	--	--	.170	103.0
76-05-10	0830	326	--	--	--	--	--	--	.165	103.0
76-07-01	1545	326	.620	.773	.588	--	--	--	--	--
76-07-27	1750	326	.320	.325	.342	--	--	--	.080	202.0
76-08-22	1800	326	.593	.575	.575	--	--	--	.083	152.0
76-09-21	1500	326	.293	.299	.236	--	--	--	.084	207.0

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FD0007
KISKATINAW RIVER. ALASKA HWY BRIDGE. NEAR FARMINGTON.

LAT. 55D 57M 24S LONG. 120D 33M 50S
BRITISH COLUMBIA.

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	10151L ALKALINITY PHENOL PHTHALEIN CACO3 MG/L	10301L PH PH UNITS	10301S PH PH UNITS	10401L RESIDUE NONFILTR. MG/L	10451L RESIDUE FILTERABLE MG/L	10501L RESIDUE FIXED NONFILTR. MG/L	10551L RESIDUE FIXED FILTERABLE MG/L	10603L HARDNESS TOTAL CACO3 MG/L
76-03-29	1000	326	.0	7.8	7.5	40.	352.	35.	236.	233.0
76-03-31	0930	326	.0	7.7	7.6	55.	268.	51.	178.	220.0
76-05-07	0800	326	.0	7.9	8.1	--	--	--	--	108.0
76-05-10	0830	326	.0	8.0	8.1	517.	188.	487.	188.	109.0
76-07-27	1750	326	5.0	8.5	8.5	29.	280.	25.	228.	213.0
76-08-22	1800	326	.0	8.3	8.2	208.	224.	193.	168.	155.0
76-09-21	1500	326	.0	8.0	7.5	29.	292.	26.	120.	212.0

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	11103L SODIUM DISSOLVED NA MG/L	12101L MAGNESIUM DISSOLVED (CALCD.) MG MG/L	14105L SILICA REACTIVE SIO2 MG/L	15102V PHOSPHORUS TOTAL DISSOLVED P MG/L	151021 PHOSPHORUS TOTAL DISSOLVED P MG/L	151022 PHOSPHORUS TOTAL DISSOLVED P MG/L	151023 PHOSPHORUS TOTAL DISSOLVED P MG/L	15406R PHOSPHORUS TOTAL P MG/L
76-03-29	1000	326	10.0	14.8	5.9	.038	.034	.042	.039	.112
76-03-31	0930	326	10.0	14.5	5.6	--	--	--	--	.156
76-05-07	0800	326	2.6	5.7	4.8	.105	.092	.090	.132	1.082
76-05-10	0830	326	2.8	6.2	4.7	--	--	--	--	.511
76-07-01	1545	326	--	--	--	.012	.011	.013	--	1.044
76-07-27	1750	326	6.2	9.1	5.5	.008	.007	.008	--	.055
76-08-22	1800	326	3.7	8.1	6.3	.005	.005	.006	.004	.173
76-09-21	1500	326	6.0	14.0	5.4	.010	.011	.009	--	.045

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FD0007 LAT. 55D 57M 24S LONG. 120D 33M 50S
KISKATINAW RIVER. ALASKA HWY BRIDGE. NEAR FARMINGTON. BRITISH COLUMBIA.

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	154061 PHOSPHORUS TOTAL P MG/L	154062 PHOSPHORUS TOTAL P MG/L	154063 PHOSPHORUS TOTAL P MG/L	154064 PHOSPHORUS TOTAL P MG/L	154065 PHOSPHORUS TOTAL P MG/L	154066 PHOSPHORUS TOTAL P MG/L	16306L SULPHATE DISSOLVED SO4 MG/L	17206L CHLORIDE DISSOLVED CL MG/L
76-03-29	1000	326	.114	.111	.112	.111	.112	.111	31.0	1.8
76-03-31	0930	326	.230	.145	.140	.139	.140	.144	31.0	2.2
76-05-07	0800	326	1.070	1.110	1.080	1.090	1.070	1.070	7.0	1.9
76-05-10	0830	326	.512	.502	.510	.512	.520	.510	6.1	1.5
76-07-01	1545	326	.875	.945	.860	1.808	.900	.878	--	--
76-07-27	1750	326	.055	.055	.053	.053	.055	.056	12.4	.9
76-08-22	1800	326	.170	.170	.170	.180	.170	.180	7.1	1.1
76-09-21	1500	326	.047	.048	.048	.048	.032	.047	10.6	.8

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	19103L POTASSIUM DISSOLVED K MG/L	20101L CALCIUM DISSOLVED CA MG/L	25104T MANGANESE DISSOLVED MN MG/L	251041 MANGANESE DISSOLVED MN MG/L	251042 MANGANESE DISSOLVED MN MG/L	251043 MANGANESE DISSOLVED MN MG/L	25304P MANGANESE EXTRBLE. MN MG/L	25304W MANGANESE EXTRBLE. MN MG/L
76-03-29	1000	326	3.6	68.9	.03	.03	.03	.04	.03	.05
76-03-31	0930	326	4.3	64.2	--	--	--	--	.04	.05
76-05-07	0800	326	2.1	33.9	--	--	--	--	.45	.46
76-05-10	0830	326	2.0	33.5	--	--	--	--	.17	.20
76-07-01	1545	326	--	--	--	--	--	--	.33	--
76-07-27	1750	326	1.1	70.3	--	--	--	--	.03	--
76-08-22	1800	326	1.5	48.7	--	--	--	--	.08	--
76-09-21	1500	326	1.1	61.9	--	--	--	--	.03	--

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FD0007 LAT. 55D 57M 24S LONG. 120D 33M 50S
KISKATINAW RIVER. ALASKA HWY BRIDGE. NEAR FARMINGTON. BRITISH COLUMBIA.

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	253041 MANGANESE EXTRBLE. MN MG/L	253042 MANGANESE EXTRBLE. MN MG/L	253043 MANGANESE EXTRBLE. MN MG/L	253044 MANGANESE EXTRBLE. MN MG/L	253045 MANGANESE EXTRBLE. MN MG/L	253046 MANGANESE EXTRBLE. MN MG/L	26104T IRON DISSOLVED FE MG/L	261041 IRON DISSOLVED FE MG/L
76-03-29	1000	326	.05	.05	.05	.04	.05	.04	.25	.09
76-03-31	0930	326	.06	.05	.05	.05	.04	.05	--	--
76-05-07	0800	326	.44	.46	.45	.46	.47	.47	--	--
76-05-10	0830	326	.20	.20	.20	.20	.20	.20	--	--

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	261042 IRON DISSOLVED FE MG/L	261043 IRON DISSOLVED FE MG/L	26304P IRON EXTRBLE. FE MG/L	26304W IRON EXTRBLE. FE MG/L	263041 IRON EXTRBLE. FE MG/L	263042 IRON EXTRBLE. FE MG/L	263043 IRON EXTRBLE. FE MG/L	263044 IRON EXTRBLE. FE MG/L
76-03-29	1000	326	.19	.48	--	.68	.70	.64	.73	.61
76-03-31	0930	326	--	--	--	.98	.82	1.10	.94	1.10
76-05-07	0800	326	--	--	5.40	4.53	5.20	4.70	5.30	4.70
76-05-10	0830	326	--	--	1.60	1.93	2.20	2.20	2.30	1.20
76-07-01	1545	326	--	--	3.80	2.80	3.10	3.10	3.00	3.00
76-07-27	1750	326	--	--	.36	.36	.34	.31	.31	.62
76-08-22	1800	326	--	--	1.40	1.15	1.20	1.20	.90	1.20
76-09-21	1500	326	--	--	.52	.50	.49	.51	.50	.48

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	263045 IRON EXTRBLE. FE MG/L	263046 IRON EXTRBLE. FE MG/L	27302P COBALT EXTRBLE. CO MG/L	28302P NICKEL EXTRBLE. NI MG/L	29305P COPPER EXTRBLE. CU MG/L	30305P ZINC EXTRBLE. ZN MG/L	33304L ARSENIC EXTRBLE. AS MG/L	34302L SELENIUM EXTRBLE. SE MG/L
76-03-29	1000	326	.81	.56	L.001	.001	.002	.001	.0003	.0002
76-03-31	0930	326	.94	1.00	L.001	.001	.002	.001	.0008	.0003
76-05-07	0800	326	4.80	2.50	.006	.014	.02 06P	.04 04P	.0100	.0014
76-05-10	0830	326	2.20	1.50	.002	.007	.011	.018	--	--
76-07-01	1545	326	3.00	1.60	.004	.009	.02 06P	.015	--	--
76-07-27	1750	326	.31	.29	.001	.001	.003	.002	.0009	.0004
76-08-22	1800	326	1.20	1.20	.001	.007	.004	.008	.0028	.0004
76-09-21	1500	326	.51	.48	L.001	.001	.002	L.001	.0010	.0002

NAQUADAT
DETAILED REPORT / RAPPORT DETAILLE

STATION - 00BC07FD0007
KISKATINAW RIVER. ALASKA HWY BRIDGE. NEAR FARMINGTON.

LAT. 55D 57M 24S LONG. 120D 33M 50S
BRITISH COLUMBIA.

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	48302P CADMIUM EXTRBLE. CD MG/L	56302P BARIUM EXTRBLE. BA MG/L	80311P MERCURY EXTRBLE. HG UG/L	82302P LEAD EXTRBLE. PB MG/L
76-03-29	1000	326	L.0002	.36	L.05	.001
76-03-31	0930	326	L.0002	.34	L.05	.001
76-05-07	0800	326	.0010	--	--	.010
76-05-10	0830	326	.0004	--	--	.005
76-07-01	1545	326	.0002	.58	.06	.006
76-07-27	1750	326	L.0002	.43	L.05	.001
76-08-22	1800	326	.0007	.30	L.05	.001
76-09-21	1500	326	L.0002	.39	L.05	L.001

FOOTNOTE: L - LESS THAN DETECTION LIMIT G - GREATER THAN MEASUREMENT LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION G - PLUS GRAND QUE LA LIMITE MESURE

Table 5

Variability in concentrations (mg/L) of selected chemicals measured in water samples collected from the Peace River at the Clayhurst Ferry, May 7 - September 21, 1976. "Site" represents points on the cross section: A=10%, B=50%, C=90% of distance from left bank to right bank.

Date	Time	Site	Total Phosphorus	Dissolved NO3 & NO2	Dissolved Ammonia	Total Dissolved Nitrogen	Extrct Iron
76-05-07	1130	A	.145	.047	.012	.262	1.0
			.141	.047	.010	.264	1.3
			.141	.064	.012	.258	1.0
Mean			.142	.053	.011	.261	1.1
S. D.			.002	.010	.001	.003	.2
76-05-08	0940	C	.282	.069	.026	.281	1.6
			.299	.098	.023	.295	1.6
			.310	.246	.046	.471	1.6
Mean			.297	.138	.032	.349	1.6
S. D.			.014	.095	.012	.106	0.0
76-05-09	1130	C	.257	.107	.046	.325	1.4
			.255	.198	.052	.429	1.4
			.260	.079	.053	.295	1.5
Mean			.257	.128	.050	.350	1.4
S. D.			.003	.062	.004	.070	.1
76-05-10	1145		.128	.058	.050	.357	1.0
			.128	.070	.040	.355	.78
			.120	.060	.038	.350	.94
Mean			.125	.063	.043	.354	.91
S. D.			.005	.006	.006	.004	.11
76-05-11	1710	B	.221	.145	.030	.368	.64
			.218	.175	.016	.356	.68
			.189	.146	.043	.380	.64
Mean			.209	.155	.030	.368	.65
S. D.			.018	.017	.014	.012	.02
76-05-12	2115	C	.241	.148	.060	.400	1.2
			.300	.123	.050	.285	1.3
			.301	.108	.070	.260	1.3
Mean			.281	.126	.060	.315	1.3
S. D.			.034	.020	.010	.075	.1
76-05-13	2030	C	.214	.084	.030	.245	.80
			.195	.096	.030	.250	.82
			.209	.083	.036	.227	.80
Mean			.206	.088	.032	.241	.81
S. D.			.010	.007	.003	.012	.01

Table 5 (Continued)

Date	Time	Site	Total Phosphorus	Dissolved NO3 & NO2	Dissolved Ammonia	Total Dissolved Nitrogen	Extrct Iron
76-05-14	2115	C	.231	.090	.024	.228	.66
			.211	.082	.026	.230	.66
			.222	.075	.031	.220	.70
Mean			.221	.082	.027	.226	.67
S. D.			.010	.008	.004	.005	.02
76-05-15	2230	C	.131	.064	.014	.220	.93
			.120	.138	.015	.300	.97
			.138	.066	.011	.215	.96
Mean			.130	.089	.013	.245	.95
S. D.			.009	.042	.002	.048	.02
76-05-16	2345	C	.115	.062	.031	.230	.73
			.111	.029	.035	.835	.78
			.111	.119	.026	.295	.76
Mean			.112	.070	.031	.453	.76
S. D.			.002	.046	.005	.332	.03
76-05-17	2215	A	.056	.136	.055	.330	.38
			.046	.158	.065	.338	.42
			.044	.046	.009	.175	.35
Mean			.049	.113	.043	.281	.38
S. D.			.006	.059	.030	.092	.04
76-05-18	2315	A	.062	.089	.015	.222	.45
			.072	.106	.008	.228	.83
			.069	.082	.018	.230	.45
Mean			.068	.092	.014	.227	.58
S. D.			.005	.012	.005	.004	.22
76-05-19	2300	A	.075	.058	.007	.185	.47
			.080	.065	.032	.210	.43
			.066	.053	.007	.175	.45
Mean			.074	.059	.015	.190	.45
S. D.			.007	.006	.014	.018	.02
76-05-20	2330	A	.072	.210	.011	.380	.45
			.074	.060	.010	.195	.45
			.075	.058	.010	.190	.43
Mean			.074	.109	.010	.255	.44
S. D.			.002	.087	.001	.108	.01

Table 5 (Continued)

Date	Time	Site	Total Phosphorus	Dissolved NO3 & NO2	Dissolved Ammonia	Total Dissolved Nitrogen	Extrct Iron
76-05-21	2330	A	.044	.043	.007	.170	.38
			.044	.054	.009	.195	.38
			.058	.052	.009	.200	.38
Mean			.049	.050	.008	.188	.38
S. D.			.008	.006	.001	.016	.00
76-05-22	2315	A	.081	.050	.017	.225	.58
			.078	.044	.013	.210	.61
			.080	.052	.013	.205	.62
Mean			.080	.049	.014	.213	.60
S. D.			.002	.004	.002	.010	.02
76-05-23	2115	C	.072	.169	.016	.315	.43
			.071	.056	.023	.198	.36
			.071	.045	.012	.175	.36
Mean			.071	.090	.017	.229	.38
S. D.			.001	.069	.006	.075	.04
76-05-24	2145	C	.073	.046	.028	.175	.57
			.075	.080	.020	.215	.54
			.070	.106	.016	.235	.55
Mean			.073	.077	.021	.208	.55
S. D.			.003	.030	.006	.031	.02
76-05-25	2045	C	.090	.060	.012	.180	.55
			.090	.056	.017	.180	.56
			.090	.103	.023	.210	.53
Mean			.090	.073	.017	.190	.55
S. D.			.000	.026	.006	.017	.02
76-05-26	2100	C	.088	.054	.013	.176	.48
			.080	.060	.021	.180	.50
			.080	.084	.029	.200	.57
Mean			.083	.066	.021	.185	.52
S. D.			.005	.016	.008	.013	.05
76-05-27	1100	B	.080	.053	.013	.145	.36
			.080	.053	.011	.150	.37
			.080	.075	.011	.165	.36
Mean			.080	.060	.012	.153	.36
S. D.			.000	.013	.001	.010	.01

Table 5 (Continued)

Date	Time	Site	Total Phosphorus	Dissolved NO3 & NO2	Dissolved Ammonia	Total Dissolved Nitrogen	Extrct Iron
76-05-28	1100	B	.080	.051	.006	.160	.35
			.077	.047	.005	.160	.39
			.080	.043	.008	.150	.33
Mean			.079	.047	.006	.157	.36
S. D.			.002	.004	.002	.006	.03
76-05-29	1120	B	.117	.074	.006	.165	.49
			.135	.048	.006	.150	.48
			.132	.051	.006	.155	.48
Mean			.128	.058	.006	.157	.48
S. D.			.010	.014	.000	.008	.01
76-05-30	1100	B	.078	.057	.009	.165	.48
			.070	.074	.006	.195	.36
			.089	.042	.005	.145	.32
Mean			.079	.058	.007	.168	.39
S. D.			.010	.016	.002	.025	.08
76-05-31	1050	A	.030	.034	.011	.156	.24
			.030	.049	.005	.184	.22
			.035	.047	.005	.160	.35
Mean			.032	.043	.007	.167	.27
S. D.			.003	.008	.003	.015	.07
76-06-01	1030	A	.050	.052	.005	.156	.27
			.055	.081	.004	.165	.28
			.045	.049	.003	.190	.27
Mean			.050	.061	.004	.170	.27
S. D.			.005	.018	.001	.018	.01
76-06-02	1025	A	.140	.084	.013	.212	.76
			.140	.047	.010	.175	.77
			.140	.045	.011	.165	.77
			.140	.059	.011	.184	.77
S. D.			.000	.022	.002	.025	.01
76-06-03	1105	A	.150	.045	.009	.190	.85
			.160	.062	.012	.217	.88
			.150	.043	.009	.184	.87
Mean			.153	.050	.010	.197	.87
S. D.			.006	.010	.002	.018	.02

Table 5 (Continued)

Date	Time	Site	Total Phosphorus	Dissolved NO3 & NO2	Dissolved Ammonia	Total Dissolved Nitrogen	Extrct Iron
76-06-04	1600	C	.601	.041	.024	.263	2.8
			.553	.056	.030	.290	2.7
			.586	.044	.025	.274	2.9
Mean			.580	.047	.026	.276	2.8
S. D.			.025	.008	.003	.014	.1
76-06-05	1830	C	.352	.041	.022	.252	1.8
			.340	.049	.028	.265	1.7
			.370	.039	.020	.246	1.7
Mean			.354	.043	.023	.254	1.7
S. D.			.015	.005	.004	.010	.1
76-06-06	2030	C	.280	.057	.023	.270	1.3
			.270	.042	.023	.235	1.3
			.270	.073	.047	.345	1.3
Mean			.273	.057	.031	.283	1.3
S. D.			.006	.016	.014	.056	0.0
76-06-07	1330	C	.260	.045	.024	.235	.98
			.260	.042	.024	.235	1.0
			.248	.042	.025	.232	1.0
Mean			.256	.043	.024	.234	.99
S. D.			.007	.002	.001	.002	.01
76-06-08	2130	B	.189	.052	.018	.210	.79
			.199	.043	.019	.180	.77
			.192	.047	.024	.250	.77
Mean			.193	.047	.020	.213	.78
S. D.			.005	.005	.003	.035	.01
76-06-09	2130	B	.280	.047	.028	.255	.77
			.280	.047	.027	.214	.80
			.280	.052	.025	.194	.79
Mean			.280	.049	.027	.221	.79
S. D.			.000	.003	.002	.031	.02
76-06-10	1720	B	.350	.052	.013	.200	1.3
			.351	.099	.012	.245	1.0
			.344	.045	.012	.180	1.3
Mean			.348	.065	.012	.208	1.2
S. D.			.004	.029	.001	.033	.2

Table 5 (Continued)

Date	Time	Site	Total Phosphorus	Dissolved NO3 & NO2	Dissolved Ammonia	Total Dissolved Nitrogen	Extrct Iron
76-06-11	2100	B	.210	.061	.012	.195	.83
			.211	.044	.012	.168	.92
			.201	.044	.012	.170	.89
Mean			.207	.050	.012	.178	.88
S. D.			.006	.010	.000	.015	.05
76-06-12	1545	A	.251	.064	.028	.222	1.3
			.271	.035	.013	.215	1.3
			.293	.036	.016	.220	1.4
Mean			.272	.045	.019	.219	1.3
S. D.			.021	.016	.008	.004	.1
76-06-13	1615	A	.204	.039	.013	.230	.92
			.193	.041	.014	.230	.94
			.221	.038	.014	.230	.94
Mean			.206	.039	.014	.230	.93
S. D.			.014	.002	.001	.000	.01
76-06-14	1530	A	.155	.024	.010	.275	.85
			.148	.030	.012	.225	.85
			.139	.028	.011	.206	.85
Mean			.147	.027	.011	.235	.85
S. D.			.008	.003	.001	.036	.00
76-06-15	1715	A	.112	.027	.012	.200	.58
			.114	.033	.014	.210	.63
			.117	.027	.013	.200	.75
Mean			.114	.029	.013	.203	.65
S. D.			.003	.003	.001	.006	.09
76-06-16	1115	C	.116	.036	.017	.194	.52
			.123	.031	.011	.160	.49
			.126	.030	.012	.160	.52
Mean			.122	.032	.013	.171	.51
S. D.			.005	.003	.003	.020	.02
76-06-17	2215	C	.120	.031	.013	.170	.76
			.120	.045	.012	.200	.74
			.125	.032	.012	.160	.72
Mean			.122	.036	.012	.177	.74
S. D.			.003	.008	.001	.021	.02

Table 5 (Continued)

Date	Time	Site	Total Phosphorus	Dissolved NO3 & NO2	Dissolved Ammonia	Total Dissolved Nitrogen	Extrct Iron
76-06-18	1830	C	.140	.036	.013	.155	.76
			.138	.053	.009	.230	.77
			.150	.060	.010	.165	.78
Mean			.143	.050	.011	.183	.77
S. D.			.006	.012	.002	.041	.01
76-06-19	1900	C	.545	.068	.007	.170	2.0
			.450	.097	.007	.203	1.9
			.481	.105	.007	.210	1.9
Mean			.492	.090	.007	.194	1.9
S. D.			.048	.019	.000	.021	.1
76-06-20	2030	B	.450	.046	.006	.140	1.8
			.501	.059	.006	.150	1.6
			.440	.051	.006	.145	1.6
Mean			.464	.052	.006	.145	1.7
S. D.			.033	.007	.000	.005	.1
76-06-21	0945	B	.280	.084	.005	.168	1.3
			.292	.052	.007	.135	1.3
			.280	.084	.006	.137	1.3
Mean			.284	.073	.006	.147	1.3
S. D.			.007	.018	.001	.018	0.0
76-06-22	1115	B	.157	.094	.005	.175	.63
			.160	.076	.004	.165	.72
			.172	.054	.007	.145	.88
Mean			.163	.075	.005	.162	.74
S. D.			.008	.020	.002	.015	.13
76-06-23	0815	B	.121	.057	.003	.145	.60
			.131	.070	.003	.155	.53
			.046	.042	.005	.195	.53
Mean			.099	.056	.004	.165	.55
S. D.			.046	.014	.001	.026	.04
76-06-24	1130	A	.075	.087	.006	.205	.42
			.080	.044	.004	.155	.37
			.071	.045	.004	.155	.44
Mean			.075	.059	.005	.172	.41
S. D.			.005	.025	.001	.029	.04

Table 5 (Continued)

Date	Time	Site	Total Phosphorus	Dissolved NO3 & NO2	Dissolved Ammonia	Total Dissolved Nitrogen	Extrct Iron
76-06-30	1830	A	.78	.035	.018	.330	7.1
			.61	.040	.016	.332	7.2
			.75	.034	.032	.343	7.5
Mean			.71	.036	.022	.335	7.3
S. D.			.09	.003	.009	.007	.2
76-07-02	1545	C	.390	.047	.027	.225	1.9
			.428	.046	.014	.190	1.6
			.410	.044	.042	.194	1.7
Mean			.409	.046	.028	.203	1.7
S. D.			.019	.002	.014	.019	.2
76-07-03	1700	A	1.18	.142	.032	.523	12.
			1.26	.142	.030	.530	13.
			1.52	.142	.030	.522	12.
Mean			1.32	.142	.031	.525	12.
S. D.			.18	.000	.001	.004	1.
76-07-04	1700	C	2.15	.045	.050	.275	9.6
			1.17	.049	.032	.276	9.5
			1.56	.072	.062	.315	9.8
Mean			1.63	.055	.048	.289	9.6
S. D.			.49	.015	.015	.023	.2
76-07-05	1700	A	2.15	.047	.062	.483	18.
			2.30	.045	.062	.490	18.
			2.30	.044	.062	.493	18.
Mean			2.25	.045	.062	.489	18.
S. D.			.09	.002	.000	.005	0.
76-07-06	1500	B	.65	.036	.024	.210	3.6
			.63	.035	.021	.222	3.6
			.65	.036	.024	.210	3.5
Mean			.64	.036	.023	.214	3.6
S. D.			.01	.001	.002	.007	.1
76-07-07	1430	B	.35	.035	.014	.180	1.8
			.32	.033	.014	.178	1.9
			.35	.058	.019	.215	1.7
Mean			.34	.042	.016	.191	1.8
S. D.			.02	.014	.003	.021	.1

Table 5 (Continued)

Date	Time	Site	Total Phosphorus	Dissolved NO3 & NO2	Dissolved Ammonia	Total Dissolved Nitrogen	Extrct Iron
76-07-08	1430	B	.40	.040	.014	.175	1.3
			.35	.037	.020	.168	1.4
			.38	.039	.019	.168	1.3
Mean			.38	.039	.018	.170	1.3
S. D.			.02	.002	.003	.004	.1
76-07-09	1545	A	.42	.039	.029	.288	2.5
			.40	.039	.028	.280	2.4
			.39	.039	.018	.285	2.7
Mean			.40	.039	.025	.284	2.5
S. D.			.02	.000	.006	.004	.2
76-07-10	1945	B	.31	.039	.010	.175	1.1
			.28	.053	.012	.187	1.0
			.26	.036	.012	.170	.97
Mean			.28	.043	.011	.177	1.02
S. D.			.03	.009	.001	.009	.07
76-07-11	2230	C	.14	.030	.012	.144	.60
			.15	.032	.012	.155	.62
			.14	.031	.012	.150	.58
Mean			.14	.031	.012	.150	.60
S. D.			.01	.001	.000	.006	.02
76-07-12	2330	B	.33	.042	.020	.233	1.4
			.32	.037	.022	.240	1.4
			.33	.060	.021	.250	1.3
Mean			.33	.046	.021	.241	1.4
S. D.			.01	.012	.001	.009	.1
76-07-26	2300	A	.042	.052	.011	.215	.44
			.044	.030	.007	.171	.46
			.052	.028	.008	.175	.45
Mean			.046	.037	.009	.187	.45
S. D.			.005	.013	.002	.024	.01
76-07-27	1730	A	.041	.045	.008	.198	.37
			.042	.122	.007	.182	.37
			.039	.042	.007	.182	.35
Mean			.041	.070	.007	.187	.36
S. D.			.002	.045	.001	.009	.01

Table 5 (Continued)

Date	Time	Site	Total Phosphorus	Dissolved NO3 & NO2	Dissolved Ammonia	Total Dissolved Nitrogen	Extrct Iron
76-07-28	1600	A	.038	.028	.009	.175	.32
			.037	.029	.009	.185	.32
			.045	.028	.006	.173	.33
Mean			.040	.028	.008	.178	.32
S. D.			.004	.001	.002	.006	.01
76-07-29	1200	C	.030	.012	.006	.121	.19
			.030	.013	.006	.130	.21
			.041	.012	.006	.130	.21
Mean			.034	.012	.006	.127	.20
S. D.			.006	.001	.000	.005	.01
76-07-30	1600	B	.033	.016	.007	.128	.26
			.031	.038	.008	.175	.16
			.033	.106	.010	.146	.21
Mean			.032	.053	.008	.150	.21
S. D.			.001	.047	.002	.024	.05
76-07-31	1600	B	.077	.026	.005	.120	.36
			.075	.024	.005	.120	.33
			.076	.026	.006	.120	.32
Mean			.076	.025	.005	.120	.34
S. D.			.001	.001	.001	.000	.02
76-08-01	1700	B	.073	.048	.007	.165	.34
			.074	.024	.003	.126	.37
			.074	.026	.003	.130	.33
Mean			.074	.033	.004	.140	.35
S. D.			.001	.013	.002	.022	.02
76-08-02	1730	C	1.1	.032	.024	.317	2.5
			1.1	.035	.026	.315	2.2
			1.1	.036	.023	.340	2.3
Mean			1.1	.034	.024	.324	2.3
S. D.			0.0	.002	.002	.014	.2
76-08-03	1100	C	.57	.030	.010	.231	1.7
			.57	.030	.010	.228	1.8
			.57	.031	.010	.230	1.6
Mean			.57	.030	.010	.230	1.7
S. D.			.00	.001	.000	.002	.1

Table 5 (Continued)

Date	Time	Site	Total Phosphorus	Dissolved NO3 & NO2	Dissolved Ammonia	Total Dissolved Nitrogen	Extrct Iron
76-08-04	1315	C	1.3	.013	.036	.245	9.3
			1.5	.014	.036	.246	9.3
			1.2	.065	.025	.255	9.8
Mean			1.3	.031	.032	.249	9.5
S. D.			.2	.030	.006	.006	.3
76-08-05	2230	C	3.3	.072	.023	.460	6.4
			2.4	.045	.036	.450	6.4
			3.4	.030	.064	.460	12.
Mean			3.0	.049	.041	.457	8.3
S. D.			.6	.021	.021	.006	3.2
76-08-06	2000	C	1.8	.054	.048	.365	8.2
			1.4	.057	.060	.380	6.7
			1.5	.054	.033	.370	6.5
Mean			1.6	.055	.047	.372	7.1
S. D.			.2	.002	.014	.008	.9
76-08-07	1145	C	1.4	.048	.020	.340	7.2
			1.6	.077	.022	.355	7.0
			1.5	.041	.018	.325	6.0
Mean			1.5	.055	.020	.340	6.7
S. D.			.1	.019	.002	.015	.6
76-08-08	1115	A	2.3	.042	.039	.615	9.0
			2.1	.068	.039	.630	15.
			1.9	.062	.068	.655	9.0
Mean			2.1	.057	.049	.633	11.0
S. D.			.2	.014	.017	.020	3.5
76-08-09	1100	B	1.0	.042	.038	.345	3.7
			1.1	.034	.032	.320	3.7
			---	.034	.026	.325	3.6
Mean			1.0	.037	.032	.330	3.7
S. D.			.1	.005	.006	.013	.1
76-08-10	1100	B	.53	.031	.030	.245	1.9
			.52	.045	.030	.230	1.9
			.52	.038	.027	.256	1.9
Mean			.52	.038	.029	.244	1.9
S. D.			.01	.007	.002	.013	0.0

Table 5 (Continued)

Date	Time	Site	Total Phosphorus	Dissolved NO3 & NO2	Dissolved Ammonia	Total Dissolved Nitrogen	Extrct Iron
76-08-11	1100	B	.33	.026	.022	.210	1.1
			.35	.038	.023	.220	1.1
			.37	.045	.023	.230	1.1
Mean			.35	.036	.023	.220	1.1
S. D.			.02	.010	.001	.010	0.0
76-08-12	1415	A	.440	.037	.022	.390	4.0
			.470	.033	.023	.390	4.2
			.370	.040	.021	.385	4.2
Mean			.427	.037	.022	.388	4.1
S. D.			.051	.004	.001	.003	.1
76-08-13	1030	A	.275	.032	.017	.336	3.1
			.199	.033	.017	.345	3.0
			.293	.041	.028	.345	3.1
Mean			.256	.035	.021	.342	3.1
S. D.			.050	.005	.006	.005	.1
76-08-14	13	A	.249	.043	.011	.320	2.1
			.260	.033	.012	.305	2.1
			.290	.033	.014	.305	2.1
Mean			.266	.036	.012	.310	2.1
S. D.			.021	.006	.002	.009	0.0
76-08-15	2200	C	.080	.028	.008	.175	.8
			.110	.026	.007	.175	.9
			.069	.026	.008	.175	.8
Mean			.086	.027	.008	.175	.8
S. D.			.021	.001	.001	.000	.1
76-08-16	2345	C	.799	.053	.044	.275	6.8
			.739	.047	.031	.282	4.5
			1.09	.039	.032	.270	5.6
Mean			.876	.046	.036	.276	5.6
S. D.			.188	.007	.007	.006	1.2
76-08-17	1000	C	1.70	.040	.040	.323	6.8
			1.86	.069	.057	.330	6.2
			1.18	.042	.053	.320	5.8
Mean			1.58	.050	.050	.324	6.3
S. D.			.36	.016	.009	.005	.5

Table 5 (Continued)

Date	Time	Site	Total Phosphorus	Dissolved NO3 & NO2	Dissolved Ammonia	Total Dissolved Nitrogen	Extrct Iron
76-08-18	1845	C	1.40	.042	.049	.456	7.5
			1.46	.040	.054	.450	7.1
			1.28	.062	.054	.460	7.1
Mean			1.38	.048	.052	.455	7.2
S. D.			.09	.012	.003	.005	.2
76-08-19	1000	C	.80	.034	.044	.376	4.8
			.80	.034	.052	.380	4.8
			.72	.044	.055	.395	4.8
Mean			.77	.037	.050	.384	4.8
S. D.			.05	.006	.006	.010	0.0
76-08-20	1800	B	.54	.064	.022	.326	---
			.38	.028	.018	.366	---
			---	.049	.023	.290	---
Mean			.46	.047	.021	.327	---
S. D.			.11	.018	.003	.038	---
76-08-21	1615	C	---	.026	.015	.257	1.3
			.21	.027	.016	.228	1.3
			.20	.025	.012	.215	1.3
Mean			.20	.026	.014	.233	1.3
S. D.			.01	.001	.002	.022	0.0
76-08-22	1700	A	.94	.035	.054	.583	7.0
			.64	.035	.053	.580	7.0
			.91	.034	.052	.576	7.0
Mean			.83	.035	.053	.580	7.0
S. D.			.17	.001	.001	.004	0.0
76-08-23	1700	A	.85	.034	.053	.570	6.4
			.31	.032	.053	.548	6.4
			.83	.043	.054	.549	6.2
Mean			.66	.036	.053	.556	6.3
S. D.			.31	.006	.001	.012	.1
76-08-24	1745	A	.62	.030	.060	.493	4.6
			.67	.029	.039	.500	4.6
			.51	.028	.042	.500	4.5
Mean			.60	.029	.047	.498	4.6
S. D.			.08	.001	.011	.004	.1

Table 5 (Continued)

Date	Time	Site	Total Phosphorus	Dissolved NO3 & NO2	Dissolved Ammonia	Total Dissolved Nitrogen	Extrct Iron
76-08-25	1650	A	.46	.029	.034	.470	3.3
			.23	.034	.034	.470	3.4
			.28	.048	.034	.466	3.4
Mean			.32	.037	.034	.469	3.4
S. D.			.12	.010	.000	.002	.1
76-08-26	1700	C	.050	.026	.009	.165	.36
			.060	.029	.020	.171	.35
			.076	.027	.009	.155	.35
Mean			.062	.027	.013	.164	.35
S. D.			.013	.002	.006	.008	.01
76-08-27	1230	C	.070	.024	.009	.165	.26
			.070	.031	.011	.170	.32
			.070	.024	.009	.165	.29
Mean			.070	.026	.010	.167	.29
S. D.			.000	.004	.001	.003	.03
76-08-28	1245	B	.08	.022	.004	.186	.50
			.08	.027	.007	.180	.50
			.07	.025	.005	.166	.48
Mean			.08	.025	.005	.177	.49
S. D.			.01	.003	.002	.010	.01
76-08-29	2030	C	.06	.021	.004	.174	.70
			.07	.027	.004	.165	.37
			.06	.025	.006	.164	---
Mean			.06	.024	.005	.168	.54
S. D.			.01	.003	.001	.006	.23
76-08-30	2130	C	.05	.019	.003	.149	.34
			.04	.022	.003	.149	.36
			.04	.019	.004	.149	.33
Mean			.04	.020	.003	.149	.34
S. D.			.01	.002	.001	.000	.02
76-08-31	2130	A	.20	.026	.012	.330	1.7
			.23	.026	.010	.320	1.7
			.20	.024	.012	.312	1.7
Mean			.21	.025	.011	.321	1.7
S. D.			.02	.001	.001	.009	0.0

Table 5 (Continued)

Date	Time	Site	Total Phosphorus	Dissolved NO3 & NO2	Dissolved Ammonia	Total Dissolved Nitrogen	Extrct Iron
76-09-01	2330	C	.02	.044	.005	.157	.23
			.02	.030	.052	.202	---
			.02	.043	.008	.154	---
Mean			.02	.039	.022	.171	.23
S. D.			.00	.008	.026	.027	---
76-09-02	2315	C	.05	.045	.008	.155	.36
			.04	.025	.006	.150	.30
			---	.034	.006	.160	.28
Mean			.04	.035	.007	.155	.31
S. D.			.01	.010	.001	.005	.04
76-09-03	0945	C	.05	.069	.005	.185	.25
			.07	.028	.006	.150	.28
			.05	.025	.004	.157	.27
Mean			.06	.041	.005	.164	.27
S. D.			.01	.025	.001	.019	.02
76-09-04	0715	C	.03	.010	.006	.136	.27
			.03	.008	.005	.131	.41
			.03	.010	.006	.138	.24
Mean			.03	.009	.006	.135	.31
S. D.			.00	.001	.001	.004	.09
76-09-05	2345	A	.11	.026	.007	.267	.91
			.10	.052	.011	.315	1.00
			.11	.020	.008	.256	.99
Mean			.11	.033	.009	.279	.97
S. D.			.01	.017	.002	.031	.05
76-09-06	2100	A	.08	.023	.008	.255	.79
			.07	.029	.007	.260	.83
			.07	.026	.008	.245	.86
Mean			.07	.026	.008	.253	.83
S. D.			.01	.003	.001	.008	.04
76-09-07	1745	B	.09	.052	.012	.267	.55
			.08	.026	.008	.222	.54
			.09	.027	.009	.200	.54
Mean			.09	.035	.010	.230	.54
S. D.			.01	.015	.002	.034	.01

Table 5 (Continued)

Date	Time	Site	Total Phosphorus	Dissolved NO3 & NO2	Dissolved Ammonia	Total Dissolved Nitrogen	Extrct Iron
76-09-08	2000	C	.04	.014	.005	.130	.24
			.05	.012	.005	.135	.28
			.05	.020	.006	.154	.27
Mean			.05	.015	.005	.140	.26
S. D.			.01	.004	.001	.013	.02
76-09-09	2045	C	.04	.020	.005	.135	.23
			.04	.018	.006	.135	.24
			.04	.060	.011	.200	.28
Mean			.04	.033	.007	.157	.25
S. D.			.00	.024	.003	.038	.03
76-09-10	1945	A	.061	.029	.008	.215	.70
			.071	.016	.006	.210	.64
			.059	.045	.008	.210	.62
Mean			.064	.030	.007	.212	.65
S. D.			.006	.015	.001	.003	.04
76-09-11	2030	C	.027	.012	.004	.117	.24
			.026	.015	.003	.111	.20
			.026	.055	.007	.160	.21
Mean			.026	.027	.005	.129	.22
S. D.			.001	.024	.002	.027	.02
76-09-12	1700	A	.058	.020	.003	.200	.59
			.068	.018	.003	.201	.62
			.054	.020	.005	.203	.73
Mean			.060	.019	.004	.201	.65
S. D.			.007	.001	.001	.002	.07
76-09-13	2115	A	.046	.030	.003	.199	.60
			.040	.028	.003	.200	.49
			.040	.028	.004	.205	.55
Mean			.042	.029	.003	.201	.55
S. D.			.003	.001	.001	.003	.06
76-09-14	1715	B	.031	.038	.004	.140	.97
			.028	.024	.002	.120	.21
			.031	.030	.001	.125	.23
Mean			.030	.031	.002	.128	.47
S. D.			.002	.007	.002	.010	.43

Table 5 (Continued)

Date	Time	Site	Total Phosphorus	Dissolved NO3 & NO2	Dissolved Ammonia	Total Dissolved Nitrogen	Extrct Iron
76-09-15	1745	C	.028	.020	.001	.115	.27
			.026	.030	.002	.125	.16
			.028	.022	.002	.115	.17
Mean			.027	.024	.002	.118	.20
S. D.			.001	.005	.001	.006	.06
76-09-16	1630	C	.030	.027	.002	.115	.24
			.031	.015	.007	.114	.16
			.039	.022	.003	.135	.27
Mean			.033	.021	.004	.121	.22
S. D.			.005	.006	.003	.012	.06
76-09-17	1645	A	.042	.016	.008	.192	.46
			.037	.013	.004	.199	.48
			----	.033	.007	.212	.45
Mean			.040	.021	.006	.201	.46
S. D.			.004	.011	.002	.010	.02
76-09-18	1710	B	.025	.027	.014	.165	.20
			.028	.015	.006	.140	.23
			.027	.114	.014	.242	.18
Mean			.027	.052	.011	.182	.20
S. D.			.002	.054	.005	.053	.03
76-09-19	1710	B	.035	.018	.008	.128	.16
			.029	.023	.009	.130	.16
			.028	.018	.007	.130	.16
Mean			.031	.020	.008	.129	.16
S. D.			.004	.003	.001	.001	.00
76-09-20	1845	A	.032	.019	.007	.205	.37
			.044	.014	.008	.168	.41
			.034	.014	.008	.175	.48
Mean			.037	.016	.008	.183	.42
S. D.			.006	.003	.001	.020	.06
76-09-21	2115	A	.030	.012	.005	.170	---
			.033	.044	.005	.210	---
			.033	.158	.005	.260	---
Mean			.032	.071	.005	.213	---
S. D.			.002	.077	.000	.045	---

Table 6

A comparison of nitrogen concentrations (mg/L) measured in field-filtered and unfiltered samples collected from the Peace River Basin, March 28-30, 1976. Particulate nitrogen data and data from unfiltered samples also appear in the NAQUADAT detailed report (Table 4).

	NO3 + NO2		NH4		Total Dissolved Nitrogen		
Station/Date	Unfilt.	Filt.	Unfilt.	Filt.	Unfilt.	Filt.	Particulate Nitrogen
Clayhurst Ferry							
(Station C)	.034	.038	.008	.006	.125	.120	.031
March 28	.037	.040	.009	.012	.127	.147	.024
	.036		.012				
	.047		.019				
	.035		.009				
	.035		.008				
Mean	.037	.039	.011	.009	.126	.134	.028
S. D.	.005	.001	.004	.004	.001	.019	.005
(Station B)	.034	.042	.008	.010	.128	.137	.029
March 30	.034	.048	.009	.013	.130	.141	.024
	.035		.019				
	.035		.011				
	.034		.014				
	.038		.010				
Mean	.035	.045	.012	.012	.129	.139	.027
S. D.	.002	.004	.004	.002	.001	.003	.004
Taylor (Railway Bridge)							
(Station A)	.036	.040	.006	.007	.120	.135	.018
March 28	.037		.006		.123		
	.037		.010				
	.037		.008				
	.044		.010				
	.037		.007				
Mean	.038	(.040)	.008	(.007)	.122	(.135)	(.018)
S. D.	.003	-	.002	-	.002	-	-

Table 6 (Cont'd)

Station/Date	NO3 + NO2		NH4		Total Dissolved Nitrogen		Particulate Nitrogen
	Unfilt.	Filt.	Unfilt.	Filt.	Unfilt.	Filt.	
Taylor (Railway Bridge)							
(Station B)	.037	.051	.008	.008	.125	.140	.012
March 28	.037		.007		.120		
	.037		.007				
	.045		.014				
	.037		.007				
	.037		.011				
Mean	.038	(.051)	(.009)	(.008)	.123	(.140)	(.012)
S. D.	.003	-	.003	-	.004	-	-
(Station A)	.041	.053	.007	.004	.123	.136	.051
March 30	.041	.041	.009	.006	.130	.130	.043
	.076		.010				
	.040		.011				
	.040		.009				
	.041		.009				
Mean	.047	.047	.009	.005	.127	.133	.047
S. D.	.014	.008	.001	.001	.005	.004	.006
Pine River							
March 29	.078	.101	.018	.008	.181	.19	.068
	.078	.083	.016	.004	.172	.168	.062
	.077		.017				
	.078		.02				
	.076		.017				
	.145		.034				
Mean	.089	.092	.020	.006	.177	.179	.065
S. D.	.028	.013	.007	.003	.006	.016	.004

Table 6 (Cont'd)

Station/Date	NO3 + NO2 Unfilt.	NO3 + NO2 Filt.	NH4 Unfilt.	NH4 Filt.	Total Dissolved Nitrogen Unfilt.	Total Dissolved Nitrogen Filt.	Particulate Nitrogen
Beatton River							
March 29	.65	.67	.037	.026	1.85	1.75	.43
	.65	.67	.041	.028	1.45	1.47	.46
	.66		.039				
	.66		.039				
	.66		.042				
	.66		.052				
Mean	.66	.67	.042	.027	1.65	1.61	.45
S. D.	.005	0	.005	.001	.283	.198	.02
Kiskatinaw River							
March 29	.124	.126	.130	.072	.683	.680	.210
	.124	.127	.135	.071	.677	.685	.200
	.129		.133				
	.123		.132				
	.127		.132				
	.133		.129				
Mean	.127	.127	.132	.072	.680	.683	.210
S. D.	.004	.001	.002	.001	.004	.004	.010

Table 7

A comparison of carbon concentrations (mg/L) measured in field-filtered and unfiltered samples collected from the Peace River Basin, March 28-30, 1976. Particulate carbon data and data from unfiltered samples also appear in the NAQUADAT detailed report (Table 4).

	Total Inorganic Carbon		Total Organic Carbon		
Station/Date	Unfilt.	Filt.	Unfilt.	Filt.	Particulate Carbon
Clayhurst Ferry					
(Station C)	20.0	21.6	4.3	2.2	.41
March 28	20.0	20.4	5.5	6.6	.41
Mean	20.0	21.0	4.9	4.4	.41
S. D.	0	.85	.85	3.11	0
(Station B)	19.9	19.2	5.3	6.5	.34
March 30	20.0	18.8	5.5	6.3	.36
Mean	20.0	19.0	5.4	6.4	.35
S. D.	.07	.28	.14	.14	.01
Taylor (Railway Bridge)					
(Station A)	19.8	19.7	4.5	4.1	.27
March 28	19.8		1.0		
Mean	19.8	(19.7)	2.8	(4.1)	(.27)
S. D.	0	–	2.47	–	–
(Station B)	19.8	19.2	3.6	4.6	.21
March 28	19.8		1.0		
Mean	19.8	(19.2)	2.3	(4.6)	(.21)
S. D.	0	–	1.84	–	–

Table 7 (Cont'd)

Station/Date	Total Inorganic Carbon Unfilt.	Total Inorganic Carbon Filt.	Total Organic Carbon Unfilt.	Total Organic Carbon Filt.	Particulate Carbon
Taylor (Railway Bridge)					
(Station A)	20.0	19.0	4.9	5.5	.52
March 30	19.7	19.0	5.5	7.4	.57
Mean	19.8	19.0	5.2	6.4	.55
S. D.	.21	0	.42	1.34	.04
Pine River					
March 29	38.0	42.8	6.9	7.8	.83
	39.5	41.3	7.3	7.7	.80
Mean	38.8	42.0	7.1	7.8	.82
S. D.	1.06.	1.06	.28	.07	.02
Beatton River					
March 29	51.9	61.9	66.9	50.0	3.22
	61.9	61.0	51.3	57.8	3.33
Mean	56.9	61.4	59.1	53.9	3.28
S. D.	7.07	.64	11.03	5.52	.08
Kiskatinaw River					
March 29	53.1	51.4	12.3	21.8	1.91
	50.6	49.5	13.2	24.7	1.91
	51.9		11.0		
	51.8		12.6		
	51.6		10.4		
	52.6		13.3		
Mean	51.9	50.4	12.1	23.2	1.91
S. D.	1.05	1.34	1.28	2.05	0

Table 8

A comparison of nitrogen concentrations (mg/L) measured in samples collected in 250-ml bottles and samples collected in 100-ml bottles during the September, 1976, field trip. Data from the 250-ml bottles also appear in the NAQUADAT detailed report (Table 4).

	NO3 + NO2		NH4		Total Dissolved N	
Station/Date	250-ml Bottles	100-ml Bottles	250-ml Bottles	100-ml Bottles	250-ml Bottles	100-ml Bottles
Taylor Railway Bridge						
(Station A)	.024	.053	.007	.030	.139	.313
September 21	.050	.050	.014	.029	.170	.290
	.053	.053	.005	.024	.148	.290
	.033	.027	.006	.013	.163	.178
	.037	.037	.005	.016	.125	.190
	.038	.038	.004	.020	.130	.229
Mean	.039	.043	.007	.022	.146	.248
S. D.	.011	.011	.004	.007	.018	.057
(Station B)	.024	.025	.004	.014	.125	.156
September 21	.037	.033	.005	.015	.155	.179
	.080	.032	.008	.012	.200	.186
	.035	.076	.003	.018	.265	.246
	.045	.024	.004	.014	.154	.161
	.058	.044	.004	.019	.138	.197
Mean	.047	.039	.005	.015	.173	.188
S. D.	.020	.019	.002	.003	.052	.033
Pine River						
September 21	.054	.035	.007	.018	.126	.148
	.078	.007	.009	.008	.170	.088
	.003	.038	.002	.016	.071	.169
	<.002	.014	.002	.017	.065	.135
	.114	.017	.023	.015	.145	.112
	.076	.020	.011	.018	.141	.131
Mean	.055	.022	.009	.015	.120	.131
S. D.	.045	.012	.008	.004	.042	.028

Table 8 (Cont'd)

Station/Date	NO3 + NO2 250-ml Bottles	NO3 + NO2 100-ml Bottles	NH4 250-ml Bottles	NH4 100-ml Bottles	Total Dissolved N 250-ml Bottles	Total Dissolved N 100-ml Bottles
Beatton River						
September 21	.021	.022	.018	.023	.650	.655
	.033	.021	.028	.022	.672	.635
	.020	.032	.018	.028	.655	.655
	.041	.022	.020	.029	.705	.660
	.049	.027	.029	.028	.680	.650
	.028	.022	.019	.026	.645	.645
Mean	.032	.024	.022	.026	.668	.650
S. D.	.011	.004	.005	.003	.023	.009
Kiskatinaw River						
September 21	.024	.016	.012	.038	.298	.344
	.009	.005	.012	.026	.305	.330
	.007	.015	.013	.031	.295	.354
	.007	.008	.013	.021	.293	.330
	.002	.003	.011	.023	.299	.330
	.014	.007	.014	.021	.236	.351
Mean	.011	.009	.013	.027	.288	.340
S. D.	.008	.005	.001	.007	.026	.011
Clayhurst Ferry						
(Station A)	.037	.018	.005	.010	.199	.206
September 22	.028	.020	.005	.011	.180	.199
	.013	.025	.002	.012	.155	.229
	.017	.025	.002	.007	.166	.183
	.023	.018	.002	.004	.168	.176
	.016	.021	.002	.005	.164	.188
Mean	.022	.021	.003	.008	.172	.197
S. D.	.009	.003	.002	.003	.015	.019

Table 8 (Cont'd)

Station/Date	NO3 + NO2 250-ml Bottles	NO3 + NO2 100-ml Bottles	NH4 250-ml Bottles	NH4 100-ml Bottles	Total Dissolved N 250-ml Bottles	Total Dissolved N 100-ml Bottles
Clayhurst Ferry						
(Station B)	.015	.022	.001	.006	.118	.142
September 22	.014	.017	.001	.002	.110	.118
	.011	.020	.001	.003	.106	.126
	.020	.015	.001	.003	.115	.121
	.010	.021	.001	.009	.120	.147
	.010	.017	.001	.006	.110	.130
Mean	.013	.019	.001	.005	.113	.131
S. D.	.004	.003	0	.003	.005	.012
(Station C)	.023	.016	.004	.005	.141	.122
September 22	.018	.015	.002	.005	.128	.129
	.022	.090	.003	.011	.140	.222
	.014	.028	.003	.011	.119	.164
	.148	.018	.020	.006	.312	.124
	.025	.016	.004	.005	.166	.126
Mean	.042	.031	.006	.007	.168	.148
S. D.	.052	.030	.007	.003	.072	.040
Blanks						
	<.002	.081	.016	.019	.020	.106
	.010	.002	.066	.020	.074	.030
	<.002	.151	.083	.045	.078	.192
Mean	.005	.078	.055	.028	.057	.109
S. D.	.005	.075	.035	.015	.032	.081

Sheeham, S.W.

Water quality study in the Peace River watershed from the W.A.C. Bennett Dam to the Alberta border : data report.

DATE	ISSUED TO

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