

An aerial photograph of a city at night, showing a grid of streets and illuminated buildings. The image is overlaid with a white grid pattern that is slightly offset from the city's grid. The top half of the image is framed by a white rounded rectangle.

ASSESSMENT STUDY OF WATER  
AND WASTEWATER SYSTEMS

BEECHER BAY FIRST NATION  
BEECHER BAY IR NO. 1

- *Consulting*
- *Engineering*
- *Construction*
- *Management Services*

Assessment Study of Water and Wastewater Systems  
Beecher Bay First Nation, Beecher Bay IR No. 1

## Appendix D

# **WATER TESTING RESULTS**

**(CHEMICAL/PHYSICAL/BACTERIOLOGICAL)**  
**WITH COMPARISONS TO THE**  
***GUIDELINES FOR CANADIAN DRINKING WATER QUALITY (GCDWQ)***

## Beecher Bay Water Quality Results

Date	Total Coliform	Fecal Coliform	Non-Coliform	Result
March 21, 1996	12	0	152	Unsatisfactory
April 2, 1996	200	0	800	Unsatisfactory
April 23, 1996	400	0	2800	Unsatisfactory
May 2, 1996	800	0	3600	Unsatisfactory
May 2, 1996	1400	0	4000	Unsatisfactory
May 2, 1996	2	0	800	Unsatisfactory
May 8, 1996	94	0	1200	Unsatisfactory
May 8, 1996	76	0	400	Unsatisfactory
June 26, 1996	4	0	1000	Unsatisfactory
August 20, 1996	8	0	200	Unsatisfactory
August 28, 1996	32	0	6200	Unsatisfactory
October 16, 1996	0	0	1200	Unsatisfactory
October 16, 1996	0	0	32	Satisfactory
January 16, 1997	0	0	48	Satisfactory
May 21, 1997	0	0	0	Satisfactory
June 3, 1997	0	0	16	Satisfactory
September 8, 1997	6	0	144	Satisfactory
January 26, 1998	2	0	104	Satisfactory
May 5, 1998	6	0	325	Unsatisfactory
January 25, 1999	0	0	573	Unsatisfactory
May 10, 1999	0	0	254	Unsatisfactory
June 5, 2000	0	0	1400	Unsatisfactory
June 12, 2000	0	0	1600	Unsatisfactory
June 20, 2000	6	0	2400	Unsatisfactory
June 20, 2000	8	0	240	Unsatisfactory
June 20, 2000	2	0	733	Unsatisfactory
June 20, 2000	0	0	122	Satisfactory
June 20, 2000	0	0	0	Satisfactory
June 20, 2000	12	0	2200	Unsatisfactory
June 23, 2000	12	0	1800	Unsatisfactory
June 23, 2000	0	0	4	Satisfactory
June 23, 2000	0	0	0	Satisfactory
June 23, 2000	12	0	1800	Unsatisfactory
July 5, 2000	140	0	4200	Unsatisfactory
July 17, 2000	4	0	68	Satisfactory
July 17, 2000	0	0	16	Satisfactory
July 17, 2000	0	0	46	Satisfactory
July 17, 2000	0	0	40	Satisfactory
July 17, 2000	2	0	30	Satisfactory
July 17, 2000	0	0	608	Unsatisfactory
July 25, 2000	0	0	42	Satisfactory
July 25, 2000	0	0	76	Satisfactory
August 4, 2000	48	0	102	Unsatisfactory
November 7, 2000	6	0	1400	Unsatisfactory
December 4, 2000	0	0	222	Unsatisfactory
December 4, 2000	0	0	108	Satisfactory
December 4, 2000	0	0	26	Satisfactory
January 12, 2001	0	0	152	Satisfactory
January 12, 2001	0	0	700	Unsatisfactory
January 12, 2001	0	0	8	Satisfactory
January 12, 2001	0	0	268	Unsatisfactory
February 12, 2001	0	0	1000	Unsatisfactory
February 12, 2001	0	0	456	Unsatisfactory
February 12, 2001	0	0	800	Unsatisfactory

HEALTH CANADA

MEDICAL SERVICES - INHS  
510-1230 GOVERNMENT ST.  
VICTORIA B.C.  
V8W 3Y2  
Tel. (604)363-3143  
Fax (604)363-0179

*From original*  
*Nadine*  
*Copy*

RECEIVED  
AUG 07 2001

Operator: Chief & Council  
Beecher Bay Reserve  
3843 East Sooke Rd.  
Box 4, RR #1  
Sooke B.C.  
V0S 1N0

File: 151-5-1-2  
Code:

WATER SAMPLE REPORT

Attn: Fran L'Hirondelle, Band Manager and Nadine Charles, CHR

SOURCE: GVRD

DATE ymd	LOCATION	CFU/100ml		CFU/100ml		COMMENTS
		TOTAL		FECAL		
		COLIFORMS	COLIFORMS	COLIFORMS	COLIFORMS	
		TC---NC	FC----NC			
01/07/24	B. Office	0	392	0	0	Doubtful (resample)
01/07/24	Sub	0	280	0	0	Doubtful (resample)

Limit for TC (total coliforms) is 10  
Limit for FC (fecal coliforms) is 0  
Limit for NC (non-coliforms) is 200

*D. MacVicar*

D. MacVicar 2000/01

PS. Henry/Nadine/Fran  
I have resampled & will  
send out results after analysis.  
*D. MacVicar*

**ALCLAIR**

Letter to Fran L'Hirondelle, Administrator, Beecher Bay Band, dated 18 April 2001, Page 2

**MAIN DISTRIBUTION SYSTEM**

Most of the system can be flushed, training in this was given to Tim, Tawny and Bruce in July 2000 at which time we also cleaned out the concrete storage tank. Following this exercise there was a marked improvement in water quality. The major problem noted was that there is no means of flushing the line from #4766 East Sooke Road to the point where the connection to the Cheanuh - Marina water system is located.

**CHEANUH/MARINA WATER SYSTEM**

This was the subject of my most recent report on 15 March 2001. At that time the 2,000 gallon tank was cleaned out. Most recent coliform testing by Don MacVicar has found that unacceptably high non-coliform counts are detected at both the Marina and the Band Office, a level of 2,000 rather than 200 at the Band Office. The March report also mentioned that:

- a) There was no means of adequately flushing the system at the Marina.
- b) Some residents receive their domestic water via garden hoses from the small pump station. These hoses are, in part, buried at a shallow depth in a treed area. This is highly susceptible to the entry of contaminants.

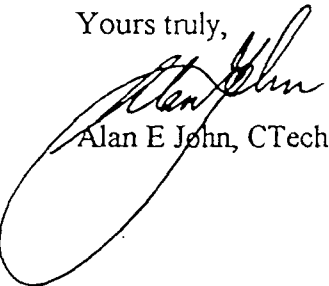
I have no detailed knowledge of the quality of construction of the remainder of the pipe system, information from residents leads me to suspect that it is not good.

**RECOMMENDATIONS**

There is little to be gained in making piecemeal attempts to remedy noted deficiencies. The following course of action is therefore recommended:

- a) Clean out and disinfect the concrete storage tank at the earliest opportunity. My schedule from now to the end of my contract in May will not permit me to assist in this operation as I did last year. The CRD must be approached and advised of quality problems so that they can approve the increase on water use required for this process. I have no doubt that [REDACTED] s.19(1)
- b) Following the tank cleaning, flush as much of the main pipework as possible using the plan and methods developed last year. The only practical problem I can foresee is in using hydrant #1 at the end of Charles Road, my report mentioned that it has been two years since this received a full service. Being situated at a low spot the pressures in the system are at their highest and any debris in the line will tend to move to this location.
- c) Take such action as may be necessary to have a proper study made of the issues mentioned in this report. This study should be undertaken by consultants who specialize in water quality issues and who are thoroughly familiar with the local situation.

Yours truly,

  
Alan E John, CTech

cc Sid Smith, Asset Management Officer, PWGSC, RPS for INAC  
Don MacVicar, EHO, Victoria

1996

HEALTH CANADA  
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3843 East Sooke Rd.  
Box 4, RR #1  
Sooke B.C.  
V0S 1N0

File: 151-5-1-2  
Code:

WATER SAMPLE REPORT

Attn: Fran Shaffer, Band Manager

SOURCE: GVRD

DATE ymd	LOCATION	TOTAL COLIFORMS	FECAL COLIFORMS	COMMENTS
96/05/02	B.Office	800 TC/100ml NC 3600	0 FC/100ml NC 0	Unsatisfactory
96/05/02	Longhouse	0 TC/100ml NC 1200	0 FC/100ml NC 0	Unsatisfactory
96/05/02	Pumphouse	1400 TC/100ml NC 4000	0 FC/100ml NC 0	Unsatisfactory
96/05/02	L.Centre	0 TC/100ml NC 48	0 FC/100ml NC 0	Satisfactory
96/05/02	s.19(1)	0 TC/100ml NC 200	0 FC/100ml NC 0	Satisfactory
96/05/02		2 TC/100ml NC 800	0 FC/100ml NC 0	Unsatisfactory

**s.19(1)** Note: Results confirm that the main problem seems to be with the water from the storage tank. The two samples from the system before the tank (learning centre and [redacted] were satisfactory. The [redacted] system exceeded the standard for non-coliform organisms (NC). See attached schedule for well treatment purposes. Recommend disinfection of water storage tank as per my fax of last Friday. ( for approx. 10 ppm residual, pour 4 cups of household bleach into the tank. Allow to stand overnight and then pump through system by opening taps at the far ends of the system). If there are any questions, give me a call at 363,3143. Call for resampling after completion of disinfection.

Up to 10 total coliforms (TC) are permitted under the Cdn. Drinking Water Std., provided they don't appear in consecutive samples. Up to 200 non-coliform (NC) organisms are permitted. Fecal coliforms (FC) must be 0 to meet the standard. Fecal coliforms are organisms of intestinal origin.

96/05/08	B.Office	94 TC/100ml NC 1200	0 FC/100ml NC 70	Unsatisfactory
96/05/08	Longhouse	76 TC/100ml NC 400	0 FC/100ml NC 0	Unsatisfactory

Note: Recommend tank be disinfected again with 10 cups of bleach. Bacterial counts are still high.

NOTE: The symbol < means less than.  
The symbol > means more than.

Don MacVicar

<1, <2, and 0 indicate satisfactory results.

1997

4.  
HEALTH CANADA  
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V0S 1N0

File: 151-5-1-2  
Code:

WATER SAMPLE REPORT

Attn: Fran L'Hirondelle, Band Manager

SOURCE: GVRD

<u>DATE</u> <u>ymd</u>	<u>LOCATION</u>	<u>CFU/100ml</u> <u>TOTAL</u> <u>COLIFORMS</u>	<u>CFU/100ml</u> <u>FECAL</u> <u>Coliforms</u>	<u>COMMENTS</u>
		TC-----NC	FC-----NC	
97/01/16	B.Office	0 TC/100ml NC 48	0 FC/100ml NC 0	Satisfactory
Note: Up to 200 NC(non-coliform) organisms allowed under Cdn.Drinking Water Standard.				
97/05/21	Marina	0 TC/100ml NC 0	0 FC/100ml NC 0	Satisfactory
97/06/03	B.Office	0 TC/100ml NC 16	0 FC/100ml NC 0	Satisfactory
Note: see comments for 97/01/16				
97/09/08	B.Office	6 TC/100ml NC 144	0 FC/100ml NC 0	Satisfactory
NOTE:Up to 10 total coliformd and 200 NC(non-coliforms) allowed				
98/01/26	Marina	2 TC/100ml NC 104	0 FC/100ml NC 0	Unsatisfactory
Note: Rated unsatisfactory because two consecutive samplings showed slight presence of total coliforms. Count is only slight. NC (non-coliforms) also present. Up to 200 are allowed.				
98/05/05	B.Office	6 TC/100ml NC 325	0 FC/100ml NC 0	Unsatisfactory

NOTE:The symbol < means less than.  
The symbol > means more than. <1,<2,and 0 indicate satisfactory results.

Don MacVicar

2000

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 3843 East Sooke Rd.  
 Box 4, RR #1  
 Sooke B.C.  
 V0S 1N0

File: 151-5-1-2  
 Code:

WATER SAMPLE REPORT

Attn: Fran L'Hirondelle, Band Manager and Nadine Charles, CHR

SOURCE: GVRD

DATE ymd	LOCATION	CFU/100ml		CFU/100ml		COMMENTS
		TOTAL		FECAL		
		COLIFORMS		COLIFORMS		
		TC	NC	FC	NC	
00/06/23		0	4	0	18	Satisfactory
00/06/23		0	0	0	2	Satisfactory
00/06/23	B.Office	12	1800	0	18	Unsatisfactory
00/07/05	B.Office	140	4200	0	0	Unsatisfactory
00/07/17	B.Office	4	68	0	0	Satisfactory
00/07/17	Long House	0	16	0	0	Satisfactory
00/07/17	Marina	0	46	0	0	Satisfactory
00/07/17		0	40	0	0	Satisfactory
00/07/17		19(1)2	30	0	0	Satisfactory
00/07/17		0	608	0	0	Unsatisfactory
00/07/25	B.Office	0	42	0	0	Satisfactory
00/07/25		s.19(1)	76	0	0	Satisfactory
00/08/04	B.Office	48	102	0	0	Doubtfull
00/11/07	B.Office	6	1400	0	0	Unsatisfactory

Recommend disinfection of small reservoir as per Wed. phone call. Use 3 Oz bleach/1000 gallons water in tank. Also, would recommend that this be done on a daily basis for one week. Call for resampling.

Don MacVicar

003454

2000

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 510-1230 GOVERNMENT ST.  
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 Beecher Bay Reserve  
 3843 East Sooke Rd.  
 Box 4, RR #1  
 Sooke B.C.  
 V0S 1N0

File: 151-5-1-2  
 Code:

WATER SAMPLE REPORT

Attn: Fran L'Hirondelle, Band Manager and Nadine Charles, CHR

SOURCE: GVRD

DATE ymd	LOCATION	CFU/100ml		COMMENTS
		TOTAL COLIFORMS TC----NC	FECAL COLIFORMS FC----NC	

**Note:** Samples of March 30/01 - Unsatisfactory rating because of high NC (non coliform) organisms in the water. The limit for non-coliform organisms under the Ccn. Drinking Water Guidelines is 200. Total coliforms and fecal coliforms (sewage related) were negative. Recommend that system be treated with with 6 ounces of bleach on a daily basis (small tank) as a temporary measure. A chlorine test kit should be purchased so that the level of chlorine can be tested in the system. We continue to have high counts under this heading. It is recommended that the system be upgraded, particularly the portion of the system serving the marina, campground and band office. An assessment of the system by an engineering firm specializing in water distribution is recommended. Boosting the chlorine level in the band system is something that should be considered, but before anything is done, the band should seek sound engineering advice as soon as possible. DIA should be contacted. Recommend that large tank be treated with 6 ounces of bleach per every 1000 gallons of water in tank. ( example: 30,000 gallons in tank - treat with 6 oz x 30 = 180 Oz or 1.25 gal or 5 liters). I will return on Monday to resample.

It has been recommended in the past that the band put a booster chlorinator in place to treat water on the reserve. This is still recommended. Recommendations in report prepared by Alan John also recommended. Don

D. MacVicar

003455

NO. 333

04/03/01 14:17 CRD WATER DEPT → 2503630179

CRD WATER  
Water Quality Information System  
Inquiries at 474-8686

Location Class: R11 HEALTH CANADA

WEEKLY Analytical Report by Location Class

Reporting Period: 18-MAR-2001 to 24-MAR-2001

Page: 1 of 21  
Printed: 30-MAR-2001  
File: 701-15-16

Report to Don MacVicar, Environmental Health Officer, Health Canada, FAX 363-0179  
G. Stewart Irwin, Manager, Water Quality Div., CRD Water Department

Remark Codes L Less than

Station Description Sampling Point Location Code	Date	Time	Total Chlorine HACH DR 100 mg/L as Cl2 FCL2T	Water Temp. Field Test Degrees Celc's WTEMP	Total Coliforms Membr. Filtrn CFU/100 mL TCMF	Fecal Coliforms Membr. Filtrn CFU/100 mL FCMF	Hetero. Pilt. Cl. MF @ 35 C CFU/mL HPC2D	Hetero. Pilt. Cl. MF @ 28 C CFU/mL HPC7D	T.C. Background Membr. Filtrn CFU/100 mL TCMFBK	Turbidity Ratio Turbidim NTU TURB	Colour, True Colour/metric TCU COLTR
1217 Benvenuto Southside Quick-con. Metrbx blue lid CES-BR-08	23-MAR-2001	12:58	1.25	8	0	0			0		
8161 Lochside Drive QC in meter box CES-TU-01	20-MAR-2001	12:16	1.12	8.8	0	0			0		
E. Sooke Rd @ Rocky Pt Rd QC under metr vault lid MET-PB-01	21-MAR-2001	13:05	.01	8.3	0	0	1	530	0		
Sooke R. Rd. Pumphouse Continuous flow tap SOK-SR-01	19-MAR-2001 21-MAR-2001	10:25 09:45	.95 1.09	7.1	0 0	0 0	2 2	30 L10	0 0	1.24 .41	18 11

*MR*

Location Class: TEMP Temporary Class

Reporting Period: 01-JAN-1998 to 08-JUN-2001

Report to

Remark Codes ICP Contaminated Plate  
IE Lab Error  
A Approximate  
ID Identification Done  
L Less than  
RC Result Confirmed by reanalysis  
RE results of REsample  
RES REsample; Special collectn

Station Description	Date	Time	Total Chlorine HACH DR 100 mg/L as Cl2 FCL2T	Water Temp. Field Test Degrees Celc's WTEMP	Total Colifms Membrn.Filtrn CFU/100 mL TCMF	Fecal Colifms Membrn.Filtrn CFU/100 mL FCMF	Hetero.Plt.Ct. MF @ 35 C CFU/mL HPC2D	Hetero.Plt.Ct. MF @ 28 C CFU/mL HPC7D	T.C.Background Membrn.Filtrn CFU/100 mL TCMFBK	Turbidity Ratio Turbidim NTU TURB	Colour, True Colourimetric TCU COLTR
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JUN 12 01 10:12.43 PM UMD WATER LAB

FAX: 2504740413

PAGE 2

Location Class: TEMP Temporary Class

Reporting Period: 01-JAN-1998 to 08-JUN-2001

Station Description	Total Chlorine	Water Temp.	Total Coliforms	Fecal Coliforms	Hetero.Plt.Ct.	Hetero.Plt.Ct.	T.C.Background	Turbidity	Colour, True		
Sampling Point	HACH DR 100	Field Test	Membr. Filtrn	Membr. Filtrn	MF @ 35 C	MF @ 28 C	Membr. Filtrn	Ratio Turbidim	Colourimetric		
Location Code	Date	Time	mg/L as Cl2	Degrees Celc's	CFU/100 mL	CFU/100 mL	CFU/mL	CFU/mL	CFU/100 mL	NTU	TCU
			FCL2T	WTEMP	TCMF	FCMF	HPC2D	HPC7D	TCMFBK	TURB	COLTR
	28-SEP-1998	13:40	.01	15	6	0	364	810	A3800		
	30-SEP-1998	12:20	.58	15.5	RE0	0			0		
	07-OCT-1998	11:48	.01	15	0	0			A500		
	15-OCT-1998	11:25	.01	14	RE1	0			ID56		
	21-OCT-1998	11:15	1.98	13.5	RE0	0	1	L10	0		
	28-OCT-1998	12:28	.05	12.5	0	0	14	2740	54		
	04-NOV-1998	11:35	.04	13	0	0			35		
	12-NOV-1998	11:47	.09	11	0	0			20		
	18-NOV-1998	11:13	.02	10.5	0	0	5	7280	8		
	25-NOV-1998	12:00	.08	11.5	0	0			0		
	02-DEC-1998	11:25	.09	9.5	0	0			0		
	09-DEC-1998	12:13	.05	8.5	0	0			0		
	16-DEC-1998	11:35	.05	10	0	0	L1	3040	5		
	29-DEC-1998	11:58	.09	9	0	0			0		
	06-JAN-1999	11:55	.02	8.5	0	0			0		
	13-JAN-1999	11:20	.02	9	0	0			0		
	20-JAN-1999	11:30	.05	9	0	0			0		
	27-JAN-1999	12:02	.17	9	0	0	L1	169	0		
	03-FEB-1999	12:15	.08	7	0	0	1	680	0		
	10-FEB-1999	12:00	.04	7.5	0	0			0		
	17-FEB-1999	12:31	.08	7.5	0	0	3	20	0		
	24-FEB-1999	11:35	.05	7	0	0	5	2640	0		
	03-MAR-1999	12:30	.04	7	0	0			0		
	10-MAR-1999	12:00	.12	7.5	0	0			0		
	17-MAR-1999	12:10	.02	8.5	0	0	2	1660	0		
	24-MAR-1999	12:19	.03	8	0	0	L1	4740	0		
	31-MAR-1999	11:30	.04	7.5	0	0			0		
	08-APR-1999	11:38	.01	8	0	0			0		
	14-APR-1999	12:15	.02	10	0	0	L1	A7520	0		
	21-APR-1999	11:49	.02	9	0	0	1	A5940	0		
	28-APR-1999	12:13	.02	10	0	0			0		
	05-MAY-1999	13:05	.01	9	0	0			0		
	12-MAY-1999	11:53	.01	9	0	0	2	A6000	0		
	19-MAY-1999	11:29	.01	11.5	0	0	1	4300	0		
	27-MAY-1999	12:00	.04	10.5	0	0			0		
	02-JUN-1999	11:40	.03	11.5	0	0			0		
	09-JUN-1999	12:05	.03	14	0	0	5	3860	3		
	16-JUN-1999	11:40	.04	13	0	0	4	2010	003458		

DATE TIME UNIT

RAW: 2004/40413

PAGE 4

Location Class: TEMP Temporary Class

Reporting Period: 01-JAN-1998 to 08-JUN-2001

Station Description			Total Chlorine	Water Temp.	Total Coliforms	Fecal Coliforms	Hetero.Pil.Ct.	Hetero.Pil.Ct.	T.C.Background	Turbidity	Colour, True
Sampling Point	Date	Time	NACH DR 100	Field Test	Membr.Filtrn	Membr.Filtrn	MF @ 35 C	MF @ 20 C	Membr.Filtrn	Ratio Turbidity	Colourimetric
Location Code			mg/L as Cl2	Degrees Celc's	CFU/100 mL	CFU/100 mL	CFU/mL	CFU/mL	CFU/100 mL	NTU	TCU
			FCL2T	WTEMP	TCMF	FCMF	HPC2D	HPC7D	TCMFBK	TURB	COLTR
	22-MAR-2000	11:50	.05	8	0	0	1	3360	0		
	29-MAR-2000	11:34	.02	8	0	0	L1	A3340	0		
	05-APR-2000	11:55	.02	9	0	0			0		
	12-APR-2000	11:45	.05	8.5	0	0			0		
	19-APR-2000	11:44	.07	10	0	0	L1	5870	0		
	27-APR-2000	10:55	.02	10	0	0	3	A18000	0		
	03-MAY-2000	12:00	.02	10	0	0			0		
	10-MAY-2000	11:55	.02	10.5	0	0			0		
	17-MAY-2000	12:50	.02	11	0	0	L1	A10500	0		
	25-MAY-2000	11:33	.04	11.5	0	0	280	6350	0		
	31-MAY-2000	12:03	.03	12.5	0	0			3		
	07-JUN-2000	11:45	.05	13.5	0	0			0		
	14-JUN-2000	12:22	.02	13.5	ID2	0	14	5140	13		
	21-JUN-2000	11:56	.01	13	RE0	0	3	A4100	1		
	28-JUN-2000	12:05	.01	14	0	0	L1	50	1		
	06-JUL-2000	11:30	0	14	0	0	L1	A4000	1		
	12-JUL-2000	12:13	.04	14	0	0	1	A9000	0		
	19-JUL-2000	11:45	.01	15	0	0	L1	4620	0		
	26-JUL-2000	11:07	.06	15.3	0	0			0		
	02-AUG-2000	11:40	.08	15.3	0	0	9	4930	0		
	10-AUG-2000	12:12	.01	16	0	0	13	20	9		
	16-AUG-2000	11:39	RC0	15	0	0	17	A25000	0		
	23-AUG-2000	12:06	0	15	0	0	1	5700	0		
	30-AUG-2000	11:35	.01	15	0	0	5	A7100	0		
	07-SEP-2000	12:25	.05	15	0	0	4	A14000	0		
	13-SEP-2000	12:20	.01	14.5	0	0	19	A9000	3		
	20-SEP-2000	12:15	.04	15.5	0	0	67	180	0		
	27-SEP-2000	11:30	.04	14.5	0	0	44	300	A2600		
	29-SEP-2000	11:21	.04	14.5	0	0			RES1230		
	04-OCT-2000	11:50	.1	15.5	0	0	69	2430	RE42		
	05-OCT-2000	12:00	RC.02	17	0	0	L1	3520	RES0		
	12-OCT-2000	11:38	.07	13.5	0	0	124	120	A450		
	18-OCT-2000	11:55	.11	13	0	0	A480	A10000	0		
	25-OCT-2000	11:07	.08	12.5	0	0			0		
	01-NOV-2000	11:33	.06	12	0	0			0		
	08-NOV-2000	11:25	RC.04	12	0	0	L1	1760	0		
	18-NOV-2000	13:05	.08	10.5	0	0	2	A6530	0		
	22-NOV-2000	13:04	.03	7.5	0	0	A460	970	2003459		

FAA: 2004/40413

PAGE 6

Location Class: TEMP Temporary Class

Reporting Period: 01-JAN-1998 to 08-JUN-2001

Station Description			Total Chlorine	Water Temp.	Total Colifms	Fecal Colifms	Hetero.Pil.Cl.	Hetero.Pil.Cl.	T.C.Background	Turbidity	Colour, True
Sampling Point	Date	Time	HACH DR 100	Field Test	Membr.Filtrn	Membr.Filtrn	MP @ 35 C	MP @ 28 C	Membr.Filtrn	Radio Turbidim	Colourimetric
Location Code			mg/L as Cl <sub>2</sub>	Degrees Cel's	CFU/100 mL	CFU/100 mL	CFU/mL	CFU/mL	CFU/100 mL	NTU	TCU
			FCL2T	WTEMP	TCMF	FCMF	HPC2D	HPC7D	TCMFBK	TURB	COLTR
Overall Statistics	07-JAN-1998	Samples	180	180	179	179	111	110	179	0	0
for Location Class	to	Mean	.1	11.2	.3	0	26.2	3958.5	68.4		
TEMP	08-JUN-2001	Minimum	0	6	0	0	1	10	0		
Temporary Class		Maximum	1.96	17	16	0	480	36000	3800		
		Percent Positive			8.9%	0.0%					

Comments: \_\_\_\_\_

Verified: \_\_\_\_\_ Date: \_\_\_\_\_ Signed: \_\_\_\_\_

End of Report: BACTXLOC

FAX: 2504/40413  
 PAGE 8

Assessment Study of Water and Wastewater Systems  
Beecher Bay First Nation, Beecher Bay IR No. 1

## Appendix E

# WASTEWATER TESTING RESULTS

(CHEMICAL/PHYSICAL/BACTERIOLOGICAL)

WITH COMPARISONS TO THE  
GUIDELINES FOR EFFLUENT QUALITY AND WASTEWATER  
TREATMENT AT FEDERAL ESTABLISHMENTS