

**Assessment Study of
Water and Wastewater Systems
and Associated Water Management Practices
at the Wet'Su-Wet-En First Nation Community**

**for the
Indian and Northern Affairs Canada
BC Region**



December, 2001

Appendix C
Water Quality Test Results



ANALYTICAL SERVICES

11-May-01
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ANALYTICAL REPORT
Form 08055161

Client : HEALTH CANADA
Sampling site :
Submitted by : DAVE HANSON

Philip ID : 11024104
Client ID : BURNS LAKE

OFFICE
*-hauled from
Polling.*

Sparcode	Parameter	Unit	MDL	CDWG	
PHYSICAL					
00041220	pH	pH units	0.1	6.5-8.5	8.3
00021300	Color True	Col. Unit	5	15	5
00111160	Specific Conductance	uS/cm	1	---	484
SCCACALC	Computed Conductance	uS/cm		---	516
CCPDCALC	Conductance % Diff.	%		---	6.3
007H1035	Residue Filterable 1.0u (TDS)	mg/L	10	500	300
CTDSCALC	Computed TDS	mg/L		---	281
TDSRCALC	TDS % Diff.	%		---	-6.6
0151140	Turbidity	NTU	0.10	1.0	0.53
0107CALC	Hardness Total -T	mg/L		500	90.6
GENERAL INORGANICS					
01011211	Alkalinity Phen. 8.3 as CaCO3	mg/L	1	---	< 1
01021210	Alkalinity Total as CaCO3	mg/L	1	---	216
CO3-CALC	Carbonate as CO3=	mg/L		---	< 0.5
HCO3CALC	Bicarbonate as HCO3-	mg/L		---	263
OH--CALC	Hydroxide as OH-	mg/L		---	< 0.5
ANIONS					
11041334	Chloride Dissolved	mg/L	1.0	< 250	10
11061341	Fluoride Dissolved	mg/L	0.10	1.5	0.48
IonBCALC	Ion Balance	%		---	-0.4
AnnsCALC	Total Anions	meq/L		---	5.26
CtnsCALC	Total Cations	meq/L		---	5.22
LangCALC	Langelier Index	pH units		---	0.5
pHSACALC	Saturation pH	pH units		---	7.8
NITROGEN					
1110CALC	Nitrate Nitrogen Dissolved (N)	mg/L		10.0	0.02
11091350	Nitrate + Nitrite (N)	mg/L	0.02	10.0	0.02
11111354	Nitrite Nitrogen (N)	mg/L	0.005	1.0	< 0.005

Polling water

Matrix : Water
Sampled on: 01/04/30 16:00

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Appendix D

Wastewater Quality Test Results

Appendix D
Wastewater Quality Tests

(None available)