

ELD SAMPLING AND DATA

LICENSEE/PROJECT <i>Moment of Hall Beach</i>	LICENCE NO. <i>Unlicensed</i>	LOCATION <i>Hall Beach</i>
DATE SAMPLED <i>Aug 19, 1987</i>	SAMPLED BY <i>Howard Madill</i>	

ANALYSIS	SAMPLE VOLUME	PRESERVATIVE	STATION NUMBER					
			HB-1					
				BOTTLE NUMBER				
MISC. & ARSENIC	1 LITRE	NONE	✓					
HEAVY METALS	500 ML	2 ML 1:1 HNO ₃	✓					
CYANIDE	500 ML	About 6 pellets NaOH to pH 12						
MERCURY	250 ML	2 ML 1:1 HNO ₃ + 2 ML 5% K ₂ Cr ₂ O ₇	✓					
TRIANTS	250 ML	NONE						
BACTERIA	500 ML	NONE						
OIL AND GREASE	1 LITRE (GLASS)	4 ML 1:1 H ₂ SO ₄						
Time of Sampling			1400hrs.					
Air Temperature			+3°C					
Water Temperature			+5°C					
Rate of Flow			Nil					
Ice Thickness			Nil					
Depth of Sampling			0.1m					
pH								
Conductivity								
Dissolved Oxygen								

~~Sta. HB-1: Reservoir used for town water supply situated west of~~
 Sta. HB-1: Water supply at truck fill point.

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
WATER RESOURCES DIVISION, YELLOWKNIFE, NORTHWEST TERRITORIES
RESULTS OF LABORATORY ANALYSIS

LICENSEE/PROJECT <i>Settlement of Hall Beach</i>		LICENSE NUMBER <i>Unlicensed Community</i>		LOCATION <i>Hall Beach, N.W.T.</i>	
DATE SAMPLED <i>Aug 19, 1987</i>		DATE RECEIVED <i>Aug 25 1987</i>		DATE COMPLETED <i>October 2, 1987.</i>	
STATION NUMBER <i>HB-1</i>					
LABORATORY NUMBER <i>871031</i>					
ANALYSIS REQUIRED		✓	✓	✓	✓
pH (units)		✓	<i>8.1</i>		
Conductivity (umho/cm)		✓	<i>240</i>		
Dissolved Oxygen					
Turbidity (NTU)		✓	<i>13</i>		
Colour (colour U.)		✓	<i>5</i>		
Suspended Solids		✓	<i>2</i>		
TDS, Residue		✓	<i>160</i>		
Calcium		✓	<i>29</i>		
Magnesium		✓	<i>5.8</i>		
Tot. Hardness (CaCO ₃)		✓	<i>97</i>		
Tot. Alkalinity (CaCO ₃)		✓	<i>80</i>		
Sodium		✓	<i>12.</i>		
Potassium		✓	<i>1.4</i>		
Chloride		✓	<i>19</i>		
Sulphate		✓	<i>14</i>		
Total Coliform (count)					
Fecal Coli. (100 ml)					
Fecal Strep. (ml)					
Std. Plate Cnt. (cnt/ml)					
BOD ₅					
COD					
Carbon, IC					
Carbon, TOC					
Ammonia Nitrogen (as N)					
Nitrate + Nitrite (N)					
Total Kjeldahl N					
Phosphorus O-P (as P)					
Phosphorus Tot (P)					
Silica Reac. (as SiO ₂)					
Total Cyanide					
Available Cyanide					
Sulphide					
Oil & Grease					
Phenols					
Arsenic	T (ug/L)	✓	<i>21.</i>		
	D (ug/L)				
Cadmium	T (ug/L)	✓	<i>20.5</i>		
	D (ug/L)				
Copper	T (ug/L)	✓	<i>21.</i>		
	D (ug/L)				
Iron	T (ug/L)	✓	<i>74</i>		
	D (ug/L)				
Lead	T (ug/L)	✓	<i>3</i>		
	D (ug/L)				
Mercury	T (ug/L)	✓	<i>0.28</i>		
	D (ug/L)				
Nickel	T (ug/L)	✓	<i>21.</i>		
	D (ug/L)				
Zinc	T (ug/L)	✓	<i>11</i>		
	D (ug/L)				
Chromium	T (ug/L)	✓	<i>21.</i>		
	D (ug/L)				

Results are expressed in ug/L, except as indicated. T and D refer to total and dissolved metals respectively.

[illegible]

OCT 27 1987

WATER MANAGEMENT
YELLOWKNIFE, N.W.T.

[illegible]

2.5 = 1

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