

ANNUAL REPORT
FOR THE HAMLET OF CAMBRIDGE BAY

The following information is compiled pursuant to the requirements of Part B; Item 1, of Water Licence N4L3-1532 issued to the Hamlet of Cambridge Bay.

- a), b) Monthly and annual quantity in Cubic Metres, of fresh water obtained from all sources and the quantities of sewage waste discharged.

Month Reported	Quantity of water obtained from all sources	Quantity of Sewage Waste discharged	Quantity of solid waste removed from Sewage Disposal Facilities
98/99			
January	5633.60	3943.52	
February	3905.34	2,733.74	
March	5254.62	3,678.23	
April	4318.04	3022.63	
May	4703.47	3292.43	
June	4699.65	3289.78	
July	4866.27	3406.35	
August	4353.22	3047.33	
September	4816.37	3371.46	
October	5031.23	3522.28	
November	4994.26	3495.98	
December	4672.43	3270.70	
ANNUAL TOTAL	57,249.2	40,074.43	

Note: Please indicate volumes in Cubic Metres - 1 Cubic Metre equals 1000 litres

Attachment to 98/99 Annual Report for the Hamlet of Cambridge Bay

Item

- d) Completion of Water Line Restoration after January freeze up. Restoration included excavation of the water line in the non-populated areas to allow natural thawing, as well as points along the line in populated areas to allow the use of thawing equipment. The internal re-circulating line was replaced and the construction of two heat stations at the one third and two third points were completed to allow for reheating the water and facilitate the automatic air venting system.
- Contracted a diver to inspect and clean the fresh water intake screen.
- Constructed a third discharge chute at the Sewage Lagoon to prevent the drivers from being sprayed when there is a strong wind from the north. The new chute is at a 90° angle to the two existing chutes.
- Erected temporary replacement signage at the Water Lake, the Waste Disposal Site, and Sewage Lagoon. New permanent signs to be installed when conditions allow next summer.
- Proposed construction of a new Honey Bag Pit to replace the existing one washed out by spring run off to commence next spring.
- Proposed construction of a 3 meter high by 120-meter long fence along the east and south sides of the Waste Disposal Areas to commence after the barge in the 2000/2001 construction season. Additional fill will also be hauled in to improve the access road to the lower section of the landfill so that it can be used as a large disposal cell in an effort to restrict and control the placement of waste.
- Separate areas were set up at the Bulk Waste Disposal Site for propane cylinders and 200 litre drums to be inspected and purged or cleaned. After being purged the cylinders are crushed at this time but we are looking at ways to economically send them south to be recycled. The drums are reused in the community for trash collection receptacles.
- e) See Appendix A of attached Environmental Audit and Site Contamination Assessment Report.
- f) Capped exposed areas of the Waste Disposal Site and identified an area for lumber and re-usable construction materials. Attempted to remove additional metal waste from sewage lagoon out fall in the Bulk Materials Waste Site but the ground was too soft. Next year the contractor will be equipped with a large excavator that will be able to complete the project. Piled and compacted the bulk materials with a large D-8 Caterpillar.
- g) Assisted M.A.C.A in completion of attached study.
- h) None

i) O&M Plan to be completed.

j) None

1998/99

Water Usage Tracking in Litres

	Private 1	Private 2	Gov't	Hamlet	Commercial	Housing Corp	Housing Assoc.	
March	1,715,129	225,656	414,211	83,075	1,152,838	229,287	1,434,428	5,254,624
February	1,501,196	183,205	368,763	43,148	226,664	207,569	1,374,798	3,905,343
January	1,832,021	319,609	337,854	101,848	1,116,064	231,403	1,694,801	5,633,600
Decemebr	1,373,585	271,724	259,119	98,860	839,478	196,223	1,633,443	4,672,432
November	1,408,200	199,457	323,994	129,746	1,035,121	435,908	1,461,829	4,994,255
October	1,400,008	193,016	349,697	87,838	1,133,671	428,304	1,439,297	5,031,831
September	1,273,882	193,457	352,824	79,181	1,073,910	302,879	1,540,235	4,816,368
August	1,208,588	183,980	180,349	125,361	931,658	312,618	1,410,771	4,353,325
July	1,234,884	239,581	440,505	182,460	1,000,652	326,129	1,442,057	4,866,268
June	1,327,507	222,833	359,147	180,849	954,132	265,863	1,389,362	4,699,693
May	1,375,982	217,635	390,752	62,352	996,493	214,122	1,446,134	4,703,470
April	1,369,448	204,365	290,970	74,364	772,446	214,917	1,391,532	4,318,042
	17,020,430	2,654,518	4,068,185	1,249,082	11,233,127	3,365,222	17,658,687	57,249,251

1999/2000

Water Usage Tracking in Litres

	Private 1	Private 2	VIP Ltd.	Gov't	Hamlet	Commercial	DPW, TT	Housing Assoc.	Total
March									0
February									0
January	1,463,190		74,000	358,593	82,646	752,034	133,427	1,100,440	3,964,330
Decemebr	1,907,119			405,408	97,064	975,781	248,468	1,779,966	5,413,806
November	1,662,058			424,406	81,879	909,659	238,608	1,390,139	4,706,749
October	1,698,807			479,472	84,873	941,797	240,354	1,491,127	4,936,430
September	1,934,155	0		481,668	58,623	1,229,243	285,652	1,778,928	5,768,269
August	1,767,738	0		254,091	117,860	1,126,743	193,220	1,568,427	5,028,079
July	1,819,721	0		215,197	121,541	1,134,004	205,527	1,582,357	5,078,347
June	1,680,538	274,171		326,712	105,006	971,454	196,493	1,414,381	4,968,755
May	1,721,474	440,378		479,025	133,139	1,186,066	267,834	1,766,592	5,994,508
April	1,541,226	518,147		531,629	56,762	1,151,412	255,716	1,837,601	5,892,493
									0
Total	17,196,026	1,232,696	74,000	3,956,201	939,393	10,378,193	2,265,299	15,709,958	51,751,766