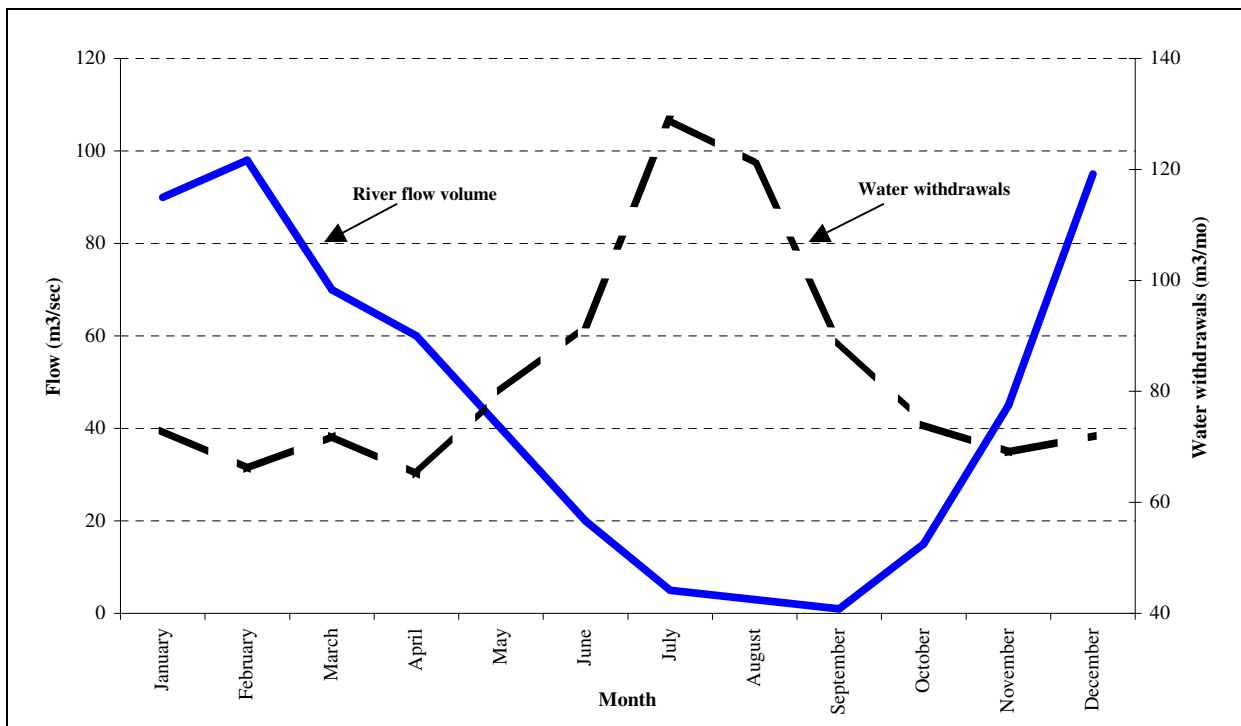




Water Facts



October 2005



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Introduction

A partnership of local, provincial, and federal governments, the Cowichan Tribes, and Catalyst Paper Corporation began working on a Water Management Plan for the Cowichan Basin in December 2004. Based on the work undertaken since then, a *Water Issues* report was prepared by Westland Resource Group Inc. to summarize the ecological conditions, water supply, water demand, and related issues affecting water management in the Cowichan Basin. To keep the *Water Issues* report a reasonable length and reader-friendly, some more detailed supporting information is included instead in this *Water Facts* document. This *Water Facts* document is intended to accompany the *Water Issues* report, and each section of *Water Facts* is cross-referenced to the appropriate section in *Water Issues* for easy use.

1.0 Climate stations

Section 2.2.1 of the *Water Issues* report contains information about precipitation and temperature in the Cowichan Basin. Table 1 displays the long-term climate stations in the Basin and their average precipitation and average maximum and minimum temperature records.

Table 1
Climate stations in and around Cowichan Basin

Name	Elevation (m)	Precipitation				Temperature					
		Start Date	End Date	No. of Years	Total Annual Precip. (mm)	Start – End Date	No. of Years	Max temp.		Min. temp	
								Jan	July	Jan	July
Chemainus	75	Jan 1919	Nov 2003	33	1182	Jun 79- Nov 03	12	6.9	23.5	2.4	13.8
Cowichan Lake Forestry	177	Apr 1949	Nov 2004	54	2167	Apr 49- Nov 04	33	4.1	24.1	-1.2	10.5
Cowichan Lake Village	171	Jul 1960	Nov 2003	38	2087	Aug 60- Nov 03	31	5.5	23.7	-0.5	10.8
Crofton	31	Jan 1921	Dec 1968	34	994	Jan 1900	0	N/A	N/A	N/A	N/A
Duncan	9	Jan 1926	Dec 1957	37	1010	Jan 26- Dec 57	30	6.4	25.6	-1.4	10.9
Duncan Forestry	6	Jul 1958	Dec 1989	30	1051	Jul 58- Dec 89	31	6.0	23.6	-1.1	10.6
Duncan Kelvin Creek	91	Mar 1987	Nov 2002	15	1343	Nov 87- Nov 02	15	6.7	24.4	0.0	10.9
Honeymoon Bay Northwest	170	Jun 1989	Nov 2003	13	2466	N/A	N/A	N/A	N/A	N/A	N/A
Lake Cowichan	180	Jan 1924	Nov 1994	21	1735	Jan 24- Apr 41	17	4.8	23.6	-0.5	10.0
North Cowichan	46	Mar 1981	Nov 2003	20	1599	N/A	0	N/A	N/A	N/A	N/A
Nitinat River Hatchery	15	May 1981	Nov 2002	21	3667	May 81- Nov 02	20	6.8	21.5	0.9	10.6
Jump Creek Snow Pillow	1160	Nov 1995	Sep 2004	8	3688	May 81- Nov 02	8	2.8	14.0	-1.9	6.9

Source: Environment Canada Online Climate Database
http://www.climate.weatheroffice.ec.gc.ca/climateData/canada_e.html

2.0 Major water systems

Section 4.1.1 of the *Water Issues* report summarizes surface and ground water consumption by eleven major water systems in the Cowichan Basin. The eleven systems were identified using a list provided by the Vancouver Island Health Authority. An analysis of actual water withdrawal from surface and ground water sources by these water systems was completed for using data provided by CVRD and municipal employees and other water purveyors. Detailed information on the water systems is included in this section.

Surface Water

Water System: Town of Lake Cowichan

Operator: Town of Lake Cowichan

Source: Cowichan Lake

Licensed withdrawal: 1.6 million m³/year

Actual withdrawal: 929,600 m³/year

Connections: 1,359

Notes: Water is pumped to a concrete reservoir located on Indian Road immediately west of the Town. Table 2 presents the average withdrawal from Cowichan Lake by the Town of Lake Cowichan from 1995 to 2004. The average monthly withdrawal during the summer (May to September) is 71% greater than the average monthly withdrawal during other seasons, probably due to watering of lawns and gardens during the summer (Figure 1). There is a 23% difference between the maximum and the minimum monthly withdrawal during the summer and a 25% difference between the maximum and the minimum monthly withdrawal during other seasons.

Table 2
Town of Lake Cowichan average withdrawal from Cowichan Lake, 1995 to 2004

Month	Withdrawal (m ³)		
	Average	10-year maximum	10-year minimum
Jan.-Apr. & Oct.-Dec.	419,080	471,621	376,954
May-Sept.	510,495	551,798	448,158
Annual	929,575	1,015,108	863,219

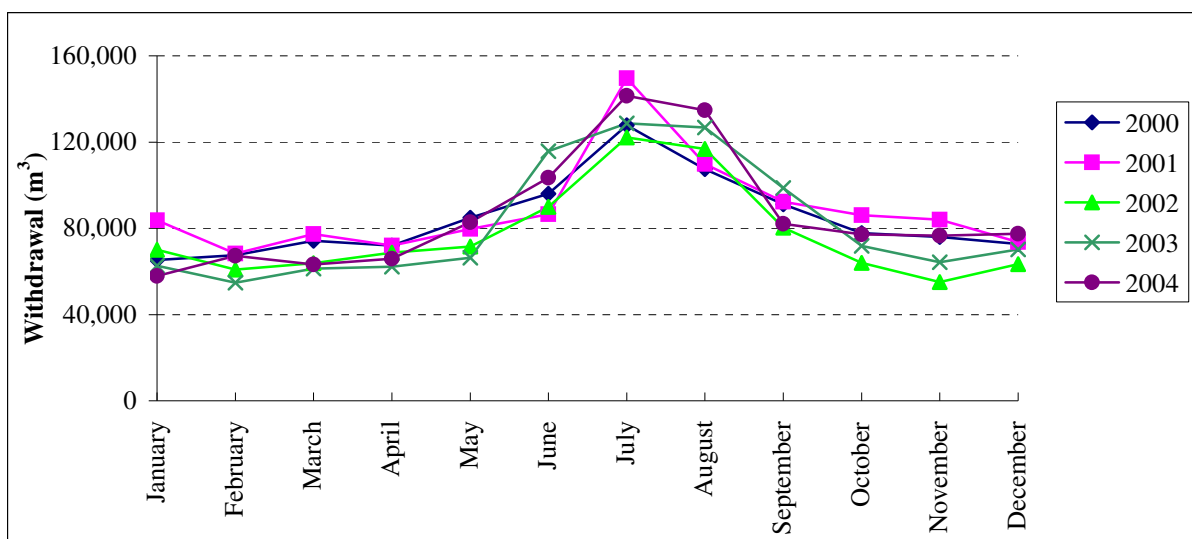


Figure 1. Town of Lake Cowichan monthly withdrawal from Cowichan Lake, 2000 to 2004.

Water System: Honeymoon Bay

Operator: Cowichan Valley Regional District

Source: Ashburnham Creek, Cowichan Lake

Licensed withdrawal: 318,226 m³/year from Ashburnham Creek (store 3,100 m³/year) and 318,226 m³/year from Cowichan Lake

Actual withdrawal: 80,800 m³/year

Connections: 300

Notes: 180 connections are recreational campsites. Table 3 presents water withdrawal by the Honeymoon Bay facility from 1995 to 2004. The average monthly withdrawal during the summer (May to September) is 137% greater than the average monthly withdrawal during other season. Irrigation of lawns and gardens and consumption by recreational campers most likely contributes to this increase. There is a 50% difference between the maximum and the minimum monthly withdrawal during the summer. The maximum monthly withdrawal occurred in 2003, during a very dry summer (Figure 2). The unusually high monthly withdrawal during the winter of 2001, approximately double the average of other years, contributed to a 147% difference between the winter 10-year maximum and minimum monthly withdrawal.

Table 3
Honeymoon Bay water system average withdrawal from Ashburnham Creek, 1995 to 2004

Month	Withdrawal (m ³)		
	Average	10-year maximum	10-year minimum
Jan.-Apr. & Oct.-Dec.	29,998	48,699	20,238
May-Sept.	50,811	61,025	40,816
Annual	80,799	191,698	67,080

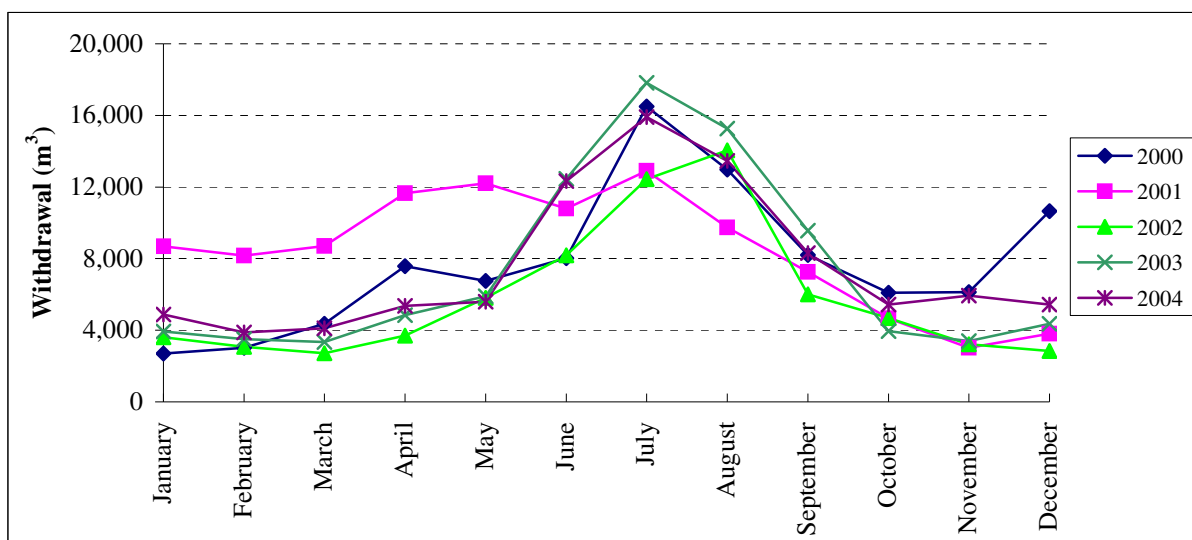


Figure 2. Honeymoon Bay water system monthly withdrawal from Ashburnham Creek, 2000 to 2004.

Water System: Youbou Water Utility Corporation

Operator: Youbou Water Utility Corporation

Source: Youbou Creek

Licensed withdrawal: 31,527 m³/year

Actual withdrawal: 104,100 m³

Connections: 115 (mostly located between Youbou Creek and Coonskin Creek)

Notes: The Utility withdraws water from behind a 7-metre high concrete dam on Youbou Creek. Disinfection is provided by chlorination prior to storage in a 40,000-litre tank and distribution by gravity. Table 4 presents the monthly water withdrawal from Youbou Creek from 1998 to 2004. The average monthly withdrawal during the summer (May to September) is 41% greater than the average monthly withdrawal during other seasons, probably due to watering of lawns and gardens and the presence of summer recreational homeowners (Figure 3). There is a 90% difference between the maximum and the minimum monthly withdrawal during the summer and a 204% difference between the maximum and the minimum monthly withdrawal during other seasons. The water system has experienced major leakage throughout the years, a fact that may explain the large difference between the maximum and minimum withdrawal.

Table 4
Youbou Water Utility Corporation average withdrawal from Youbou Creek, 1998 to 2004

Month	Withdrawal (m ³)		
	Average	7-year maximum	7-year minimum
Jan.-Apr. & Oct.-Dec.	51,853	79,061	26,037
May-Sept.	52,255	69,969	36,875
Annual	104,108	145,785	65,333

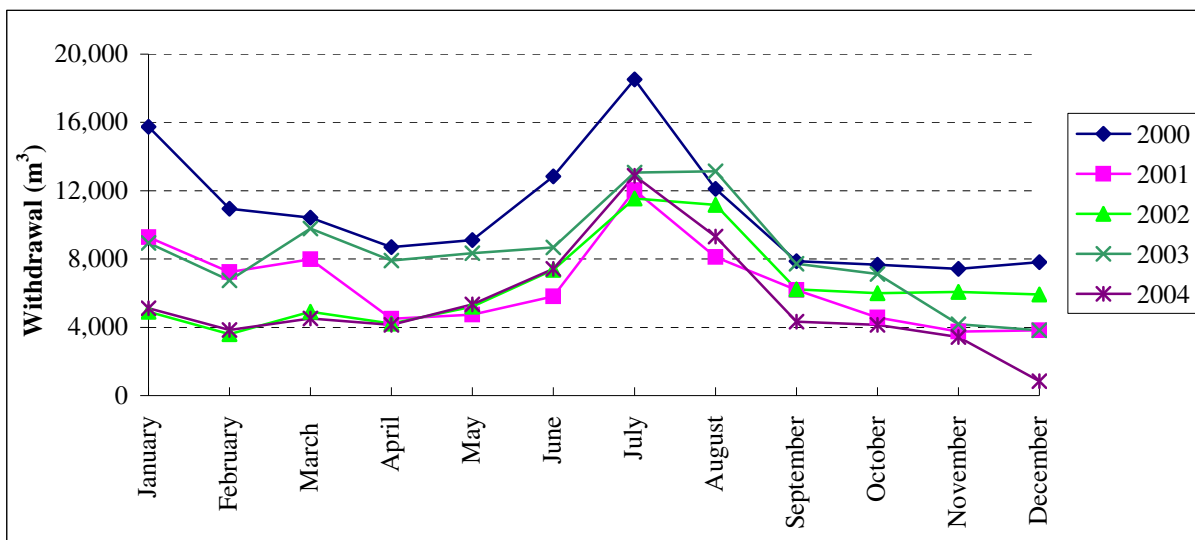


Figure 3. Youbou Water Utility Corporation monthly withdrawal from Youbou Creek, 2000 to 2004.

Water System: Utility Waterworks Improvement District

Operator: Utility Waterworks Improvement District

Source: Utility Creek and Ashdown Brook

Licensed withdrawal: 20,742 m³/year from Utility Creek and 8,297 m³/year from Ashdown Brook

Actual withdrawal: 73,600 m³/year

Connections: 55

Notes: Water is diverted from the streams to an aluminium header tank, which then supplies two 3,500-gallon storage tanks.

Note: Plans are currently underway for a unified water system that will supply all of the Youbou Village except for Lakeside estates. The system will replace the Youbou Water Utility and the Utility Waterworks Improvement District. A main line will run along Youbou Road with a branch line serving the homes on Sa-Seen-Os Road (John Braybrooks Engineering 2002).

Water System: Crofton Waterworks District

Operator: District of North Cowichan and Catalyst Paper Corporation (under agreement issued by Land and Water BC)

Source: Cowichan River (diverted from Catalyst Paper Corporation Crofton Division mill water filtration plant)

Licensed withdrawal: N/A

Actual withdrawal: 374,813 m³/year

Connections: 727

Notes: Table 5 displays the average water used by the Crofton Waterworks District from 2001 to 2004. The average monthly withdrawal during the summer (May to September) is 53% greater than the average monthly withdrawal during other seasons, probably due to irrigation of lawns and gardens (Figure 4). Water consumption has remained quite consistent over the past four years, with an 11% difference between the maximum and the minimum monthly withdrawal during the summer and a 15% difference between the maximum and the minimum monthly withdrawal during other seasons.

Table 5
Crofton Waterworks average withdrawal from Catalyst Paper Production filtration plant, 2001 to 2004

Month	Withdrawal (m ³)		
	Average	4-year maximum	4-year minimum
Jan.-Apr. & Oct.-Dec.	178,998	192,583	167,176
May-Sept.	195,815	202,117	181,650
Annual	374,813	394,700	360,848

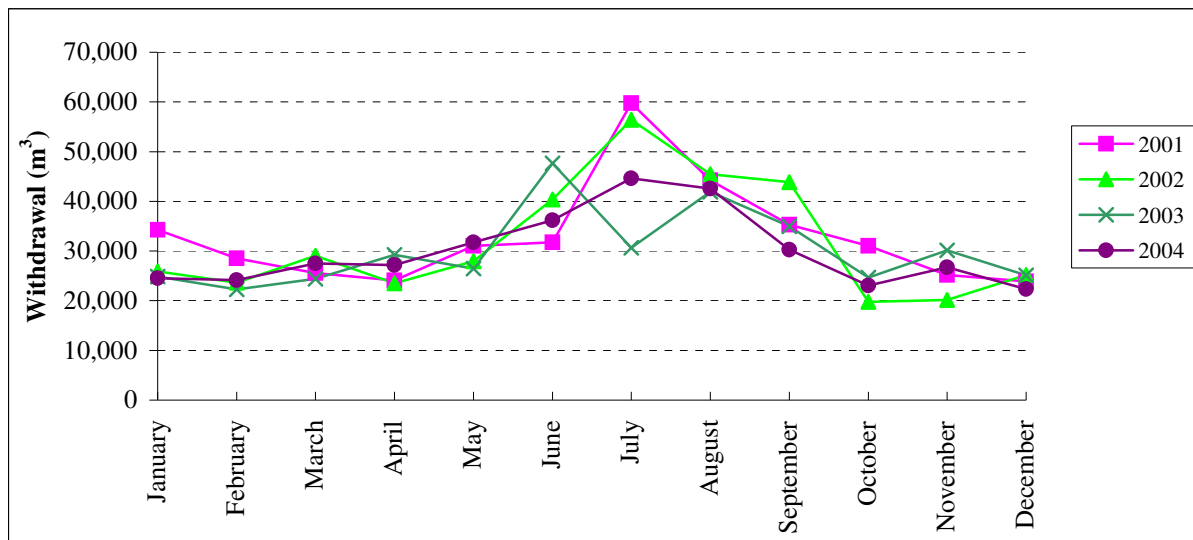


Figure 4. Crofton Waterworks District monthly withdrawal from the Catalyst Paper Corporation Crofton Division filtration plant, 2001 to 2004.

Groundwater

Water System: City of Duncan

Operator: City of Duncan

Withdrawal: 2.7 million m³/year

Connections: 3,552

Notes: According to the Ministry of Environment well database, the City of Duncan owns nine wells in the Cowichan Basin with a total reported yield of 19.8 million m³/year. Four of these wells are used to provide municipal water. The City supplies water to its citizens, to the Eagle Heights area in the District of North Cowichan, and to the Boys Road area in IR No. 1. Table 6 displays the average groundwater withdrawn by the City of Duncan in the last 11-years. The average monthly withdrawal during the summer (May to September) is 52% greater than the average monthly withdrawal during other seasons, probably due to irrigation of lawns and gardens (Figure 5). There is an 18% difference between the maximum and the minimum monthly withdrawal during the summer and a 34% difference between the maximum and the minimum monthly withdrawal during other seasons.

Table 6
City of Duncan average groundwater withdrawal, 1994 to 2004

Month	Withdrawal (m ³)		
	Average	11-year maximum	11-year minimum
Jan. - Apr. & Oct. - Dec.	1,311,474	1,418,007	1,206,564
May - Sept.	1,419,516	1,606,295	1,199,003
Annual	2,730,990	2,944,545	2,405,567

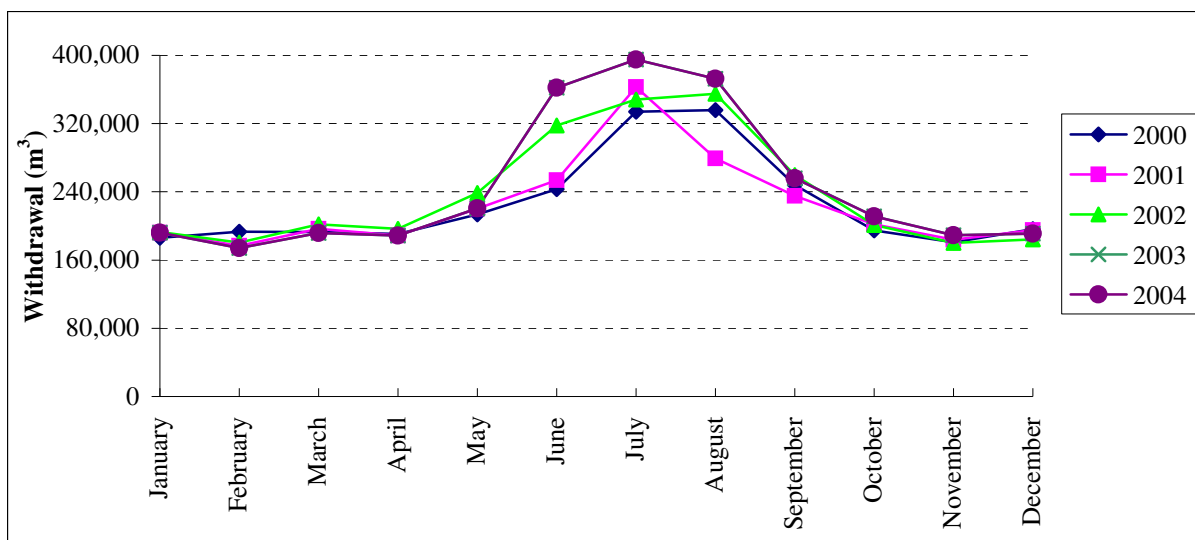


Figure 5. City of Duncan monthly ground water withdrawal, 2000 to 2004.

Water System: South End Waterworks District

Operator: District of North Cowichan

Withdrawal: 4.5 million m³/year

Connections: 4019 (supplies the southern sector of the District of North Cowichan)

Notes: According to the Ministry of Environment well database, the District of North Cowichan owns 21 wells in the Cowichan Basin with a total reported yield of 33.5 million m³/year. Four of these wells are used to supply municipal water. Table 7 displays the average groundwater withdrawal by North Cowichan in the past four years. The average monthly withdrawal during the summer (May to September) is 66% greater than the average monthly withdrawal during other seasons, probably due to watering of lawns and gardens and irrigation of agricultural land (Figure 6). There is a 31% difference between the monthly maximum and the minimum withdrawal during the summer and a 70% difference between the monthly maximum and the minimum withdrawal during other seasons. High water consumption between February and May of 2004 contributed to the large differences. It is unknown why the withdrawal was so high during this time period.

Table 7
South End Waterworks District average ground water withdrawal, 2001 to 2004

Month	Withdrawal (m ³)		
	Average	4-year maximum	4-year minimum
Jan.-Apr. & Oct.-Dec	2,057,936	2,920,668	1,713,776
May-Sept.	2,442,744	2,705,912	2,060,565
Annual	4,500,680	5,626,580	3,774,341

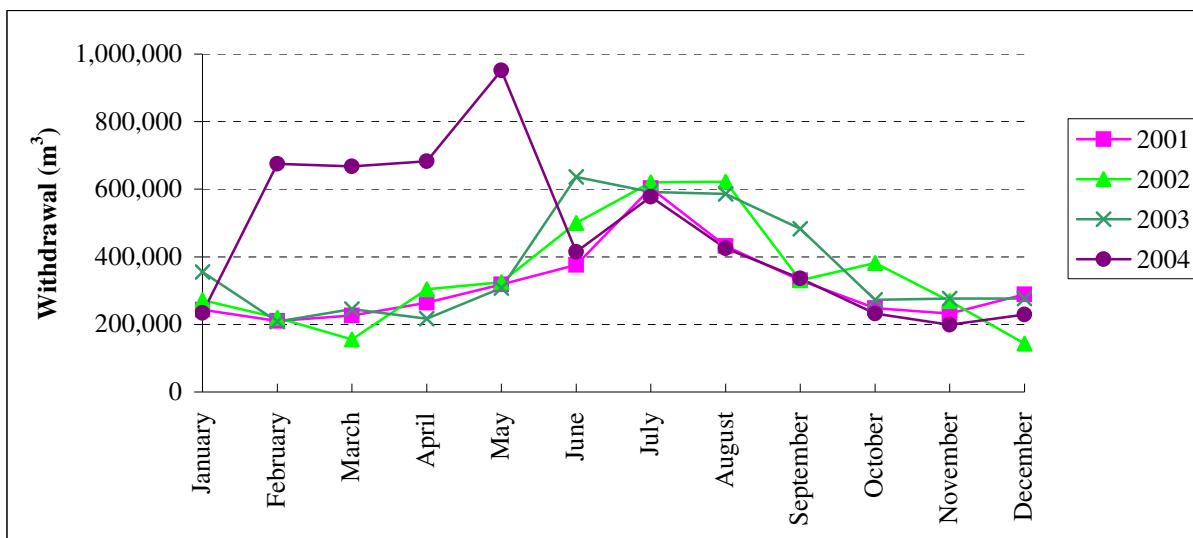


Figure 6. South End Waterworks District monthly ground water withdrawal, 2001 to 2004.

Water System: Dogwood Ridge Improvement District

Operator: Dogwood Ridge Improvement District

Withdrawal: 20,600 m³/year

Connections: 33 in Electoral Area E

Notes: Consumption data were not available for the water system. Based on consumption data for the Cowichan Bay Waterworks District (623 m³/year/connection), the estimated annual consumption in the Dogwood Ridge Improvement District is 20,600 m³.

Water System: Sutton Creek

Operator: Cowichan Valley Regional District

Withdrawal: 13,700 m³/year

Connections: 24 in the Honeymoon Bay area

Notes: Consumption data were not available for the water system. Based on consumption data for the Mesachie Lake water system (570 m³/year/connection), the estimated annual consumption in the Sutton Creek water system is 13,700 m³.

Water System: Pioneer

Operator: Privately owned

Withdrawal: 22,500 m³/year

Connections: 26 properties bounding Willow Road

Notes: The system is not metered and no records on water consumption are kept. Based on the average annual consumption of other water utilities in the area (865 m³/year/connection), it is estimated that the Pioneer water system withdraws 22,500 m³/year from the wells.

Water System: Mesachie Lake

Operator: Cowichan Valley Regional District

Withdrawal: 57,000 m³/year

Connections: 100

Notes: Table 8 shows that the average monthly withdrawal during the summer (May to September) is 67% greater than the average monthly withdrawal during other seasons (Figure 7). There is a 270% difference between the maximum and the minimum monthly withdrawal during the summer months and a 172% difference between the maximum and the minimum monthly withdrawal during other seasons. The cause of these large differences is not known, but may include meter malfunctioning or increasing connections over the years.

Table 8
Mesachie Lake water system average ground water withdrawal, 1995 to 2004

Month	Withdrawal (m ³)		
	Average	10-year maximum	10-year minimum
Jan.-Apr. & Oct.-Dec.	25,973	37,718	13,851
May-Sept.	31,026	44,251	11,949
Annual	56,999	81,969	25,800

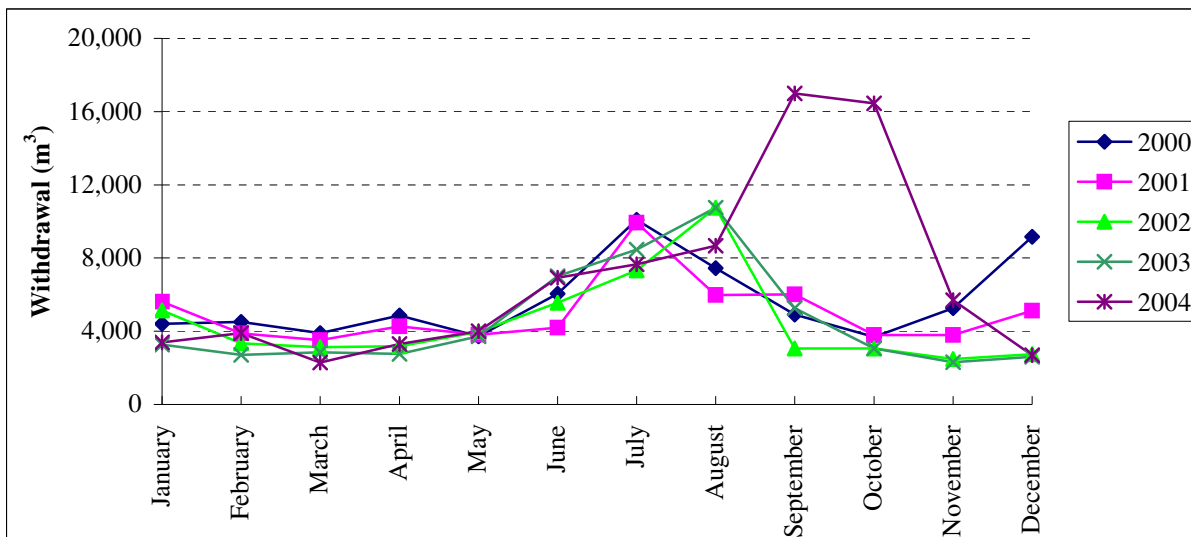


Figure 7. Mesachie Lake Water System monthly ground water withdrawal, 2000 to 2004.

Water System: Lakeside Estates

Operator: Cowichan Valley Regional District

Withdrawal: 21,200 m³/year

Connections: 61 from Miracle Way to Price Road

Notes: Table 9 displays the average groundwater withdrawal from 1995 to 2003. The average monthly withdrawal during the summer (May to September) is 126% greater than the average monthly withdrawal during other seasons, probably due to irrigation of lawns and gardens and the presence of summer recreational property owners (Figure 8). There is a 69% difference between the maximum and the minimum monthly withdrawal during the summer and a 229% difference between the maximum and the minimum monthly withdrawal during the winter months. It is not known why there is such a large difference in the maximum and minimum withdrawals, but factors may include leakage in the system and meter malfunctions.

Table 9
Lakeside Estates water system average ground water withdrawal, 1995 to 2003

Month	Withdrawal (m ³)		
	Average	9-year maximum	9-year minimum
Jan.-Apr. & Oct.-Dec.	8,108	17,242	5,248
May-Sept.	13,071	17,123	10,119
Annual	21,179	30,832	17,031

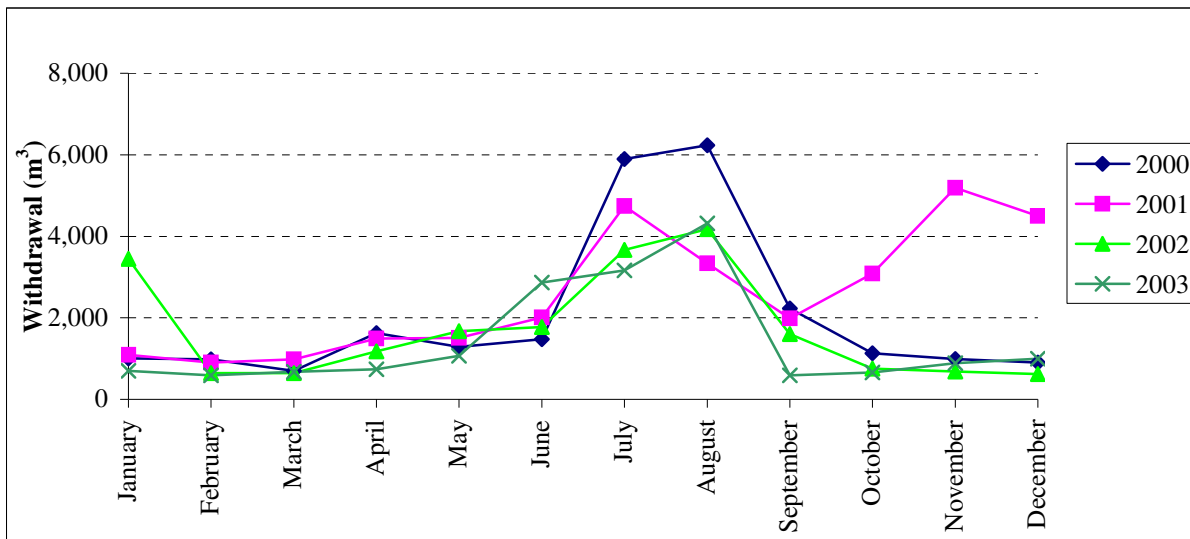


Figure 8. Lakeside Estates water system monthly ground water withdrawal, 2000 to 2003.

3.0 Individual surface water licences

Section 4.1.3 of the *Water Issues* report provides a brief summary of licensed withdrawal by individuals. Table 10 displays the waterbodies the licences are issued on, the licence holder, the purpose of the licence, and the total licensed volume. No actual withdrawal data were available for individual licence holders, so the actual water use was assumed to be the same as the licensed quantity, or 5.4 million m³/year. The following is a description of each purpose code found in Table 10, as defined by Ministry of Environment:

- CONWK, CONST, CONUS (conservation) – works are constructed, water is stored or water is used for conserving fish or wildlife.
- DOM (domestic) – water is used in a household and in addition may be used on a garden not exceeding 0.25 acre in area, for stock or poultry being raised as pets or of a number sufficient only to sustain the licensee’s family with food, and to maintain a system for fire protection for the licensee’s home.
- DUST (dust control) – water is used for dust control including road compaction and bridge washing.
- ENTPR (enterprise) – water is used for hotels, motels, trailer parks, service stations, restaurants, commercial campgrounds, mobile home parks, or similar commercial enterprises which are owned and operated for profit.
- GRNHS (greenhouse) – water is used for intensive indoor propagation of fruit, vegetables, and or plants.
- IRR (irrigation) – water is used on cultivated lands and hay meadows to nourish crops
- LAWN (residential lawn/garden watering) – water is used to maintain residential lawns, gardens or both, of an area exceeding 0.25 acre.
- LDIMP (land improvements) – water is diverted or impounded to protect property, to facilitate development of park or the reclamation, drainage or other improvement of land. Ponds for aesthetic purposes are included in this purpose.
- PONDS (ponds) – water is used for floating logs, fish culture, or fur farming or when water is being used to farm fish or to otherwise rear fish and wildlife for profit.
- STONP (storage) – water is stored to be used during low flow periods.
- SW (stockwatering) – water is used in ranching operations, pig farms, poultry farms, dairies, and similar enterprises.
- WKCMP (camps) – water used in logging camps, mining camps, detention camps, armed forces bases and similar facilities.
- WTRNG (watering) – water used for watering of golf courses, ornamental gardens, parks or similar properties.
- WWKOT (waterworks other than local authority) – water conveyed to more than 5 dwellings by an organization other than a “Local Authority” such as strata associations, Indian Bands, etc. A “Local Authority” is defined as a water district incorporated under an Act, municipality, improvement district, water utility under the *Water Utility Act* or development district.

Table 10

Sources for water licences in the Cowichan Basin, purpose of each licence, and total licensed withdrawal

Source (alphabetical order) Licence Number (* indicates more than one point of diversion issued under licence)	Licensee	Purpose Code	Licence Quantity (m ³)
A			
Ashdown Brook left of Cowichan Lake			
C021112	WEST RICHARD W & WENDY E	DOM	553
F012137	WILLOCK SHELLEY L	DOM	554
F012138	KELLERMAN VICTOR T & IRIS D	DOM	553
F012139	HIGGINS DONALD R & DEENA M	DOM	553
F112913	SCHEDER GEORGE K AND INGEBORG F	DOM	1,659
C118990	SMITH DONA M	DOM	830
C052697	CAREY ALBERT E & MAY F	DOM	830
C118979	SCHABERNAK FRANZ & ILSE	DOM	830
C113028	WEISSENMAYER RUDY & MARGOT	DOM	830
Augie Brook right of Ron Brook			
C101649	AUGUSTINE FLOYD A & ROSEMARIE J	DOM	830
Averill Creek right of Somenos Lake			
C117921*	4DEOL GURDIP S	IRR	12,335
C117921*	4DEOL GURDIP S	IRR	12,335
B			
Bass Brook left of Cowichan River			
C022562	NAGASAKI ALAIN P	DOM	830
Beadnall Creek left of Cowichan River			
C101723	FISHERIES & OCEANS CANADA	CONUS	181,882
Beatrice Brook			
F107653	RITCO RICHARD A & LOUISE L	DOM	830
Beatty Brook left of Cowichan Lake			
C114099	HEGAN ARTHUR L & FERN E & L A & OTHERS	DOM	830
C061380	BAKOWSKI STAN & MAUREEN G	DOM	830
C109800	BAKOWSKI STAN & MAUREEN G	DOM	830
Beauty Brook right of Utility Creek			
C112318	BRIERLEY MALCOLM J & KATHY A	DOM	830
F119515*	WRIGHT WILLIAM S AND LINDA K	DOM	830
F119516*	VAUGHAN TODD G & CONNIE A	DOM	830
Beaver Creek right of Cowichan Lake			
C072275	FISHERIES & OCEANS CANADA	CONWK	0
C111514	FISHERIES BRANCH	CONST	5,464
Beaver Lake on Beaver Creek			
C111598	B.L. RESORT LTD.	LDIMP	233,848
Benson Brook left of Ron Brook			
F013698	FEARON GARY J & EVA B	DOM	830

Source (alphabetical order) Licence Number (* indicates more than one point of diversion issued under licence)	Licensee	Purpose Code	Licence Quantity (m ³)
Berdyaev Spring			
C065838	CHRISTIE KEITH A & RUTH E	DOM	1,659
C065838	CHRISTIE KEITH A & RUTH E	IRR	4,009
Bings Creek right of Somenos Lake			
F016144	VANDECASTEYEN VELMA & TERRY W	IRR	1,234
F015861	FENNER CHERYL L	DOM	830
Bings Creek right of Somenos Lake			
C059702	ATWAL HARDIAL SINGH	DOM	830
C032600	BEECHER JANICE	DOM	830
C032910*	WILLIAMS CYNTHIA M	DOM	830
C032910*	WILLIAMS CYNTHIA M	DOM	6,168
C032910*	THORSEN GARY B	IRR	830
C032910*	THORSEN GARY B	IRR	6,168
F015862	JAGGERS WILLIAM T	DOM	830
F018400	JUDGE BISHAN S	DOM	1,659
F018401	JUDGE BISHAN S	IRR	37,005
F019505	JUDGE BISHAN S	IRR	6,908
C026358	DUNCAN EXCAVATING LTD	DOM	1,659
Bluff Springs left of Bluff Ditch			
C117274	PORTEOUS WENDY F	DOM	166
Bluntschli Creek left of Mayo Creek			
C117883	SVENDSEN DAVID L	DOM	830
C117884	SVENDSEN KARLA M	DOM	830
Bol Spring			
C043135	SANGHA AJIT & GEGANDER	IRR	7,771
C050892	EVANS LLOYD W	IRR	4,564
Boulanger Spring			
C110268	WALSH ERIC N & BEVERLY J	DOM	830
Boyd Spring			
F012689	TURNER JANET B	DOM	830
F012690	MORGAN RUSSELL A	DOM	830
F013993	PETERSEN PATRICIA L & RANDOLF J	DOM	830
F013996	DIXON GEOFFREY J	DOM	830
F044664	VICZKO ALBERT & ROSE	DOM	830
Brabazon Spring			
C049008	FOWLER MARTIN F	DOM	830
Bull Spring			
C110312	CUTHBERT RICHARD PHILIP	DOM	830
C113027	JOHNS ALBERT C & JOAN E	DOM	830
C			
Casey Brook left of Cowichan River			
C042822	CASEY ROBERT J & KATHLEEN J	DOM	830
C048367	JOHNSON BRUCE S	DOM	830

Source (alphabetical order) Licence Number (* indicates more than one point of diversion issued under licence)	Licensee	Purpose Code	Licence Quantity (m³)
C057505	NOTT ERIC F & RHONDA A	DOM	830
Castle Creek left of Stanley Creek			
C108625	PETTIE MICHAEL A	DOM	830
Charter Creek left of Averill Creek			
C061459	VAN JAARVELD CORNELIUS F & CASE J	IRR	12,335
C061460	VAN JAARVELD CORNELIUS F & CASE J	STONP	12,335
Charter Spring			
F009629	VAN JAARVELD CORNELIUS F & CASE J	DOM	1,659
Cheetham Spring			
C064064	GINS MICHAEL F	DOM	830
C064065	GREEN ROBERT E & CONNIE L	DOM	830
Claeys Creek left of Inwood Creek			
C035522	BLUE SPRINGS FARMS LTD	DOM	1,162
Cook Spring			
F051354	GALBRAITH ANGUS D	DOM	830
Coonskin Creek left of Cowichan Lake			
C108293	EHUMMEL DANA S	DOM	830
F016493	SKED DONALD D & LINDA DARLENE	DOM	830
F016494	PLAG MARGARET	DOM	2,489
C051635	SMITH STEVEN A & DIANE J	DOM	830
C051636	LITSTER FREDRICK R & MARGARET D	DOM	830
C051637	ERRINGTON DAVID F & GLORIA S	DOM	830
F011525	ZAWERUCHA JEROME N	DOM	830
F011534	SMITH LUCILLE H	DOM	830
F011690	DEMERS JOSEPH W LAURIER	DOM	830
F011694	VARGA JOZSEF & LESLIE S	DOM	830
F011971	LINCOLN GARRY W & DORIS G	DOM	830
F013918	OLTEANU JOHN	DOM	830
F021158	CARLOW DANA S & DEBORAH L	DOM	830
C114873	TJENKINS MICHAEL C & CHERYL A	DOM	830
C114874	TSMITH DONOVAN J	DOM	830
C118014	TGEOGHEGAN INVESTMENTS LTD	ENTPR	1,659
C118021	BRUCE RICHARD W	DOM	830
C119133	THOMAS JOHN P & LORRAINE B	DOM	830
C119244	IBOLITHO DEAN G	DOM	1,659
Cowan Brook left of Cowichan Lake			
C030767	COWAN DOROTHY M	DOM	830
C032562	DEFRANE WILLIAM A & THORA	DOM	830
C033952	YOUNG WILLIAM J & DAISY	DOM	830
C033955	ZOZULA WALTER & PATRICIA	DOM	830
C034165	SMITH KERRY C & KIMBERLEE F	DOM	830
C035161	STARK CHARLES F & EDITH A	DOM	830
C035162	BURTON LOIS A	DOM	830
C035517	MORRIS FRANK	DOM	830

Source (alphabetical order) Licence Number (* indicates more than one point of diversion issued under licence)	Licensee	Purpose Code	Licence Quantity (m³)
C035518	BENDALL DAVID J & HAZEL M	DOM	830
C036636	DUDMAN LORNA D	DOM	830
C038330	WALLACE ROLAND & JEANIE	DOM	415
C040384	WITTY JAMES & JUNE	DOM	415
C040438	RUSSELL CLAYTON T & FILION CORRINA A	DOM	415
C042054	ROBINSON GORDON V	DOM	415
C042509	LYNDA PAINE	DOM	415
C042510	ROSS EDWARD & NANCY A	DOM	415
C042511	ERSKINE ROBERT & NORAH-BELLE	DOM	415
C042512	SPARLING DONALD G & BRIGITTA ET AL	DOM	415
C042513	FATIN NEIL A & MAUREEN A	DOM	415
C042514	WHITE KENNETH & MARGARET	DOM	415
C042515	LATHAM BARRY J	DOM	415
C042516	DARDENGO ART	DOM	415
C042517	JAMIESON JOHN & FRAN	DOM	415
C042518	FERGUSON DANIEL A & DONNA M	DOM	415
C042519	WILLIAMS LARRY E & GAYLE J	DOM	415
C042520	LUNGAL STEVE	DOM	415
C042521	DENHAM DOUGLAS A	DOM	415
C043142	CHAMBERS FRANK E & TONI A	DOM	415
C045132	ENGLISH WILLIAM N & RUTH E	DOM	415
C045761	SENECAL CAROLE D	DOM	415
C048844	GILLESPIE CHRISTOPHER A	DOM	415
Cowichan Lake on Cowichan River			
C117849	FERN DON	DOM	830
F017114	SPEER ALDEN W	DOM	1,659
C025900	LUDEMANN GERHARD H & SHIRLEY E	DOM	830
C052531	PALMER JANE I ET AL	DOM	830
F017115	STOCK KENNETH P & LORI L	DOM	830
C035837	DAME ROBERT T	DOM	830
C052530	CLEMENTS TRACY M	DOM	830
C044024	CAUCHIE DOROTHY M	DOM	830
F017516	GOLDEN POND INVESTMENTS LTD	DOM	3,982
C057110	FECHTER ROBERT R & SUSAN G	DOM	830
C118047	WEAVER WILLIAM D & PATRICIA A	DOM	830
C116633	HENRY JAN L	DOM	830
C101828	FRIDAY RICHARD A AND JODI L	DOM	830
F017497	FOSTER GEORGE B	DOM	830
F017299	NIMMO ADAM L	DOM	1,659
C044825	GUNDERSON DIANA	DOM	830
C038359	CLARE GARNET G & DIANA M	DOM	830
C037730	BOSS RICHARD M & MARGARET E	DOM	830
C041000	COATES JAMES & LINDA	DOM	830

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C040852	CARPENTIER DARYLE L & URSULA I	DOM	830
C037412	FALCONER WILLIAM B & LINDA L	DOM	830
C036775	MILLARD SHIRLEY M	DOM	830
C038358	LAWRENCE ALAN F & LORRAINE M	DOM	830
F043840	IDDON MICHAEL	DOM	830
C046478	OPUS 10 RESORTS LTD	ENTPR	4,148
C048839	WELCH KENNETH P & DANA C	IRR	284
C048551	WILLIAMS EILEEN H ET AL	DOM	1,659
C064011	WEIR ELLEN	DOM	830
C048840	AURINGER ALVIN L J & SYLVIA Y M	IRR	543
C031762	J S T B HOLDINGS LTD	DOM	2,489
C103935	STRATA PLAN VIS4663 OWNERS OF	LDIMP	1,850
C045750	UNIVERSITY OF VICTORIA	DOM	3,319
C033079	FOREST DISTRICT - DUNCAN	IRR	24,670
C118648	NELSON DOUGLAS C AND STACI H	DOM	830
C041672	SASEENOS BAY RESORTS LTD	ENTPR	4,978
C054809	GREEN LARRY T & PAULA A	DOM	830
C118046	TY PATRICIA L	DOM	830
C065801	WHELAN PETER D AND MARLENE K	DOM	830
C048366	FITTERER EUGEN & MAGDALENA	DOM	830
C070375	CARLYLE MICHAEL A AND ROBERT A	DOM	830
C120985	0711933 BC LTD	DOM	830
C120986	0711933 BC LTD	DOM	830
C120987	0711933 BC LTD	DOM	830
C120990	0711933 BC LTD	DOM	830
C120991	0711933 BC LTD	DOM	830
C120992	0711933 BC LTD	DOM	830
C120993	0711933 BC LTD	DOM	830
C120994	0711933 BC LTD	DOM	830
C120995	0711933 BC LTD	DOM	830
C120999	0711933 BC LTD	DOM	830
C121000	0711933 BC LTD	DOM	830
C121001	0711933 BC LTD	DOM	830
C121002	0711933 BC LTD	DOM	830
C121003	0711933 BC LTD	DOM	830
C121004	0711933 BC LTD	DOM	830
Cowichan River			
C115415	FISHERIES AND OCEANS CANADA	CONUS	8,661,041
C120375	HAJDU ANTHONY S	DOM	1,659
C061461	TROWBRIDGE BARBARA	DOM	830
C072657	SUMMNER PLACE INN ON THE RIVER	IRR	308
C048364	BEAVERIDGE DENNY C & EVELYN M	DOM	830
C114972	SKERIK DONALD G	DOM	830
C063948	PARKS BRANCH	IRR	308

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C065823	BUTTS GARY E AND TERRY S	IRR	308
C055264	RANGAN USHA	DOM	1,659
C055264	565 TORONTO ST	IRR	2,467
F017403	LAUGHLIN BRADLEY N & SANDRA A	DOM	830
F017123	WEIR ALEXANDER J & ELLEN M	DOM	830
F017133	PENNER RONALD A	DOM	1,659
C027602	CARR J DAVID	DOM	1,659
F017081	GREEN ANTHONY	DOM	1,659
F017080	GREEN TONY	DOM	1,659
C035413	HARTSHORN GUY M & SHEILA L	IRR	617
F017107	PALLISER WAYNE W	DOM	830
C022540	BROWN BERT C & MARGOT E	DOM	830
F017455	DENNINGER THOMAS & PAPINDER	DOM	830
C116103	STINSON DENNIS J & STINSON SANDRA J	DOM	830
C116833	DOUGHERTY BRIAN (IN TRUST)	DOM	830
Creighton Brook left of Cowichan River			
C041346	SCOTT MARY E	DOM	830
Cregner Spring			
F013135	LEMKE WOLFGANG E AND HELGA J	DOM	830
Crown Creek left of Mayo Creek			
C063973	BOWEN JIM & SHIRLEY	DOM	830
Currie Creek right of Inwood Creek			
F007700	LEIGH-SPENCER SALLY L	DOM	415
C025222	OAKLEY PETER L & CATHERINE E	DOM	1,659
C025222	5608 MENZIES RD DUNCAN	IRR	12,335
C051474	THORSBORG CHRISTIAN H	DOM	830
Curry Spring			
F046771	CURRY VERA P	DOM	830
D			
Dairy Creek right of Kier Creek			
F016586	KIER LARRY W	DOM	1,659
F016111	KEW WM J & HEATHER	DOM	830
Dale Spring			
F013995	CARMACK CHRISTOPHER M	DOM	830
Daly Creek left of Cowichan Lake			
C035521	AFZAL SHER & SYED	DOM	830
F011406	MATTHEWS MICHAEL W	DOM	830
F011408*	DOUCETTE JOHN W & RAMONA M	DOM	830
F011691*	DOUCETTE ROMONA & JOHN	DOM	830
F011693*	VANDERHORST HARM & MARGARET I	DOM	830
Dalzell Creek			
C059680	ELZINGA AUKE & SHEILA M	IRR	123,350

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C059681	ELZINGA AUKE & SHEILA M	STONP	123,350
Davie Creek right of Averill Creek			
C114809	SHAWN D AND CATHERINE E	LDIMP	678
C115845	SHAWN D AND CATHERINE E	DOM	830
Denham Brook left of Cowichan Lake			
F016838	OLSTAD DAVID I	DOM	830
C054089	GILLIES DAVID D	DOM	830
C054090	MAYEA HAROLD	DOM	830
C054092	MANNING ROBERT A	DOM	830
C054093	CARTER LARRY W	DOM	830
C054094	FLETCHER GARY M	DOM	830
C054095	KUC FRANCES M	DOM	1,659
C112744	CONVERY BRIAN H	DOM	830
Doherty Creek left of Cowichan Lake			
C105325*	CHOW JONATHAN & HEATHER	DOM	830
Dot Brook right of Cowichan River			
C065790	MCAULAY JANIE A	IRR	1,234
C065790	RR 3 5157 ALEXANDER RD	STONP	25
C065834	WHETSTONE LAWRENCE	GRNHS	3,319
C065834	5178 JEFFRIES RD	IRR	407
C065834	DUNCAN BC	STONP	123
Duce Brook right of Richards Creek			
C040681	TO BE DETERMINED	DOM	1,659
E			
Elgin Creek			
C020116	COUCH LAURA L	IRR	2,467
Elkington Creek left of MacIntyre Creek			
Z119904	HALVORSON JAMES P	IRR	164,056
Z119904	MCKITRICK SUSAN M	STONP	204,761
Ensonce Brook left of Cowichan River			
F015350	ARCHBOLD PHILIP S & DONNA L	DOM	830
Erickson Springs			
C061349	PERKINS ROBERT L	DOM	830
F014003	LYNCH BRIAN M	DOM	830
F047034	LEAKEY LORNE B & VERLE	DOM	830
F047035	KETCH ROGER G & LANA L	DOM	830
F047036	HUGHES WAYNE D	DOM	830
F047037	DUSMANN GUNHILDE & ROLF G	DOM	830
F047038	HALLETT PETER W & JANET S	DOM	830
F047039	HUGHES WAYNE D	DOM	830
F062123	BATEMAN RENNIE C & ALICE E	DOM	830
F062970	BLONDIAU ENGIN	DOM	830

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Exeter Creek left of Cowichan River			
C040174*	FLEMING THOMAS K	DOM	830
C040174*	FLEMING THOMAS K	DOM	1,234
C040174*	1625 WEST 28TH AVE	LDIMP	830
C040174*	1625 WEST 28TH AVE	LDIMP	1,234
C045122	FLEMING THOMAS K	DOM	830
F013435	KARCHER BERNARD R	DOM	1,659
C121200	STECOA MARTINO J & VERNA C	DOM	830
C042823	STECOA MARTINO J & VERNA C	DOM	830
C042824	HAROLD R BISSETT	DOM	830
C036483	KARCHER BERNARD R	ENTPR	8,297
F			
Farmer Creek left of Crown Creek			
C058434	KAY ADAM A	DOM	830
C053813	LOEWEN DANNY A	DOM	830
C054301	REPSTOCK THORBJORN W & JANET A	DOM	830
C054337	TREVERTON COREY J & ANGELA J	DOM	830
G			
Gang Brook left of Cowichan Lake			
C104555	HERBERTSON ROBERT B & JOAN F	DOM	830
C103492	CAMPBELL CRAIG A	DOM	830
C063904	ANDERSON DAVID & INGRID V	DOM	830
Gide Creek right of Cowichan River			
C055339	WRIGHT DANA L & BOND SHANNON R	DOM	830
Gleadle Creek right of Cowichan River			
C035828	HIGNELL DAVID R & VALERIE J	DOM	3,319
C035828	5720 RIVERBOTTOM RD RR 2	IRR	4,934
Golding Brook left of Cowichan River			
C055236	SCHOLEY JAMES H & LORI L	DOM	830
C064069	LINDSTROM TERRANCE & SUZANNE	DOM	830
Gowen Spring			
C059675	HEGAN ARTHUR L & FERN E & L A & OTHERS	DOM	830
Greendale Brook left of Cowichan River			
F058229	SCHOLEY JACQUELINE N	IRR	617
Greenhouse Brook			
C035776	WINSHIP HEATHER J & JEFFREY A	DOM	830
Gunn Spring			
F014856	MARTIN FLOYD D & JANET K	DOM	830
F117426	DAVIS MARLENE V ET AL	DOM	830
F117430	OCONNELL WILBERT D & NORMA E	DOM	830

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H			
Haddow Creek on Cowichan Lake			
C115327	CRANE, ELVERA SARA	IRR	925
C115327	CRANE, ELVERA SARA	LDIMP	498
Hanna Brook			
C031703	NATIONAL TRUST COMPANY	DOM	1,659
Hans Spring			
C025857	MILLER MELVIN C H & LAVERNE M	DOM	830
F013434	SCOTT ROBERT G & JUNE F	DOM	1,659
F018403	NICKELL OLIVE R	DOM	830
Harley Brook left of Cowichan Lake			
F012686	BREWER SUSAN C	DOM	1,659
F012687	MCDOWELL VICK W	DOM	1,659
F019276	MOLLBERG JOHN A & SHIRLEY M	DOM	830
F018763	WILSON BARTLEY S & HILARY D	DOM	830
F018952	CARMACK CHRISTOPHER M	DOM	830
C110418	AUGUSTINE FLOYD A & ROSEMARIE J	DOM	1,659
Hearsey Spring			
F013170	BROUGHTON JAMES F	DOM	830
F013242	DIORIO NICOLA	DOM	830
F014284	FEAGAN ARCHIE N & GERALDINE F	DOM	830
Herd Creek			
F006051	WALMSLEY IAN N	DOM	830
F006051	WALMSLEY IAN N	IRR	8,141
Holt Creek right of Cowichan River			
C055125	ISLAND TIMBERLANDS LIMITED PARTNERSHIP	DUST	22,401
C055125	2800 PARK PL	WKCMP	2,489
Hopkins Ditch left of Raphael Creek			
F017226	TO BE DETERMINED	IRR	34,661
F015743	SANDERSON ARTHUR & MARGARET	DOM	830
F047724	VAN JAARVELD GERARDUS A & THEODORA H	DOM	830
C036625	SANGHA G	IRR	12,335
Houdry Creek left of Cowichan Lake			
C057109	VASKO JOSEPH & OLGA G	STONP	987
Humphrey Brook left of Cowichan Lake			
C035960	DAVIDSON CHERIE E	DOM	830
C035961	FORBES NORMA E	DOM	830
C035962	GORDON WILLIAM L & ELIZABETH R	DOM	830
C055405	FORBES NORMA E	DOM	830
C072633	CLARKE DENNIS ET AL	DOM	830

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I			
Inwood Creek left of Cowichan River			
C120381	HAJDU ANTHONY S	DOM	1,659
C059699	MAY DANIEL B & MARLENE M	DOM	498
C059699	MAY DANIEL B & MARLENE M	IRR	37,005
C064031	MAY DANIEL B & MARLENE M	STONP	37,005
F047033	MALT ISRAEL L	DOM	830
C033595	PARKIN ROBERT E & ADRIANNA	DOM	830
C030783	SIGURDSON ALAN	DOM	1,659
F053076	HAHN CORRINE J	DOM	830
C070736	GREGSON ROBERT B	DOM	830
C070735	BUCKERIDGE WILLIAM G & STEPHANIE	DOM	830
Ives Spring			
C057656	SWEET-COULTER PATRICIA & GEORGE	DOM	830
J			
Joharcas Brook left of Cowichan Lake			
C027508	COMERFORD CHRISTOPHER	DOM	498
C029613	RETTIG WERNER J & E CAROLYN	DOM	498
C065744	HOURIGAN DESMOND E	DOM	830
C072640	BURKARD JOHN N & DIANA J	DOM	830
C072641	SMITH NORMAN J & JACQUELINE M	DOM	830
C072642	HUTCHINSON PEARL	DOM	830
C072643	ROBERTS BRIAN C	DOM	830
C072645	KINNERSLEY DONALD V & CAROLINE J	DOM	830
F021482	RELF TIMOTHY W	DOM	498
F021483	WALKER GERALD M & DONNA-MAI M	DOM	498
F021484	MCDONALD DAVID W	DOM	498
F021485	BUNDON PAUL M & SHARON J	DOM	498
F021486	MCCALLUM CHRISTOPHER A & ELLEN D	DOM	498
F021487	PRITCHARD PATRICIA	DOM	498
F021488	FOURACRE DONALD D	DOM	498
F021489	MOTHERWELL WILLIAM M & AVERIL A	DOM	498
F021490	UNWIN RUTH V	DOM	498
C101668	BONSDORF KATHLEEN J	DOM	830
Jones Brook left of Cowichan River			
C038331	DORAN WILLIAM J	DOM	830
Josiah Creek left of Cowichan River			
C065857	JELES JOSEPH & NIEVA	DOM	830
C065858	MCKECHNIE KENNETH W & JOANNE J	DOM	415
C065859	BAAS WALLACE H & SHERYL L	DOM	415
C109846	CAMPBELL KENNETH G	DOM	830
C118973	NIVEN DAVID J	DOM	2,489

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K			
Karlsen Spring			
C030864	AUGER MICHAEL L	DOM	830
Kier Creek right of Averill Creek			
F016585	KIER LARRY W	DOM	830
C056334	KNUTH BO & CHARLOTTE	STONP	24,670
F017060	KNUTH BO & CHARLOTTE	IRR	45,023
F017063	KNUTH BO & CHARLOTTE	IRR	17,886
Kour Creek(64788) left of Currie Creek			
C116097	RISAROYA KARNAIL S & RANJEET K & M MARK	WWKOT	16,095
C116097	RISAROYA KARNAIL S & RANJEET K & M MARK	STONP	617
L			
Laura Creek right of Cowichan Lake			
C063989	MARTIN DOUGLAS	DOM	830
Lay Spring			
F012738	RAFFERTY PHILIP J & MARGARET D	DOM	830
Leischner Brook			
C059663	ATKINS ROBERT D & SERENA T	DOM	830
F040733	CURRAN DOUGLAS B	DOM	830
M			
MacIntyre Creek left of Quamichan Lake			
C111916	RUNNING W EGG FARM LTD INC NO 367810	IRR	37,005
C111916	1820 HERD RD	STONP	37,005
Martin Brook			
C031766	NYKODYM WINSTON V	DOM	830
Mayo Lake on Mayo Creek			
C061342	FISHERIES BRANCH	CONWK	49,340
Menzies Creek right of Bings Creek			
C117361	KEMMLER SIEGFRIED O AND MARIA	DOM	830
C030772	CURRY VERA P	IRR	6,168
C038953	TO BE DETERMINED	IRR	12,335
C038954	MACKENZIE NEIL & ANNE	IRR	12,335
C039819	MACKENZIE NEIL & ANNE	DOM	830
F018272	JUDGE BISHAN S	DOM	830
C031702	JAGGERS ANDREW B	DOM	1,659
C036628	JAGGERS ANDREW B	IRR	9,868
C111449	MAYNE PETER B AND WENDY L	DOM	830
C031700*	DOUGLAS DOROTHY A & PAUL C	IRR	6,168

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C031700*	DOUGLAS DOROTHY A & PAUL C	IRR	6,168
F016844	BATORY MICHAEL R & DORA L	DOM	830
C041666	SHANN STEVEN K & CYNTHIA M	DOM	996
Merkel Springs			
C027604	PRICHARD RAYMOND E	DOM	830
Mesachie Creek right of Bear Lake			
C064081	PACIFIC BIOLOGICAL STATION	CONUS	866,104
Mesachie Lake on Mesachie Creek			
C064037	IMADENE FOUNDATION	WTRNG	8,018
N			
Neva Creek left of Cowichan Lake			
C030045	COWICHAN LAKE INDIAN BAND	DOM	1,659
Niebergall Spring			
F015356	NIEBERGALL CHRIS A	DOM	830
F051638	WALDON-HOWARD FRANK E & JOANNE	DOM	830
Nikirk Spring on ZZ Brook (19822)			
C114900	ATTRIDGE STEVE R AND LORELIE J	DOM	830
O			
Opal Brook right of Averill Creek			
F017995*	LUNDSTROM ARTHUR & GLADYS	IRR	1,234
F017995*	LUNDSTROM ARTHUR & GLADYS	IRR	1,234
P			
Paitson & Clogstoun Springs			
F013821	GLENCAIRN ENTERPRISES INC	DOM	1,659
F013821	GLENCAIRN ENTERPRISES INC	IRR	6,168
Parsons Swamp on Parsons Creek			
C108397	ROSS NORMAN HOWARD	LDIMP	14,802
Patricia Brook left of Quamichan Lake			
C043828	STONE PETER H & PATRICIA H	DOM	830
Payne Creek left of Inwood Creek			
F052083	TAYLOR J GILBERT	IRR	16,776
F021378	WALKER DOUGLAS & ELIZABETH	DOM	830
C035830	LACHMENEK CURTIS ASHTON	DOM	830
Payne Ditch left of Payne Creek			
F018234	FULLER LELSIE K & ZELDA V	IRR	3,084
Payne Swamp on Payne Ditch			
C070318	MYERS GRAHAM A	IRR	2,467
C070318	GOLF SABRINA L	STONP	740
C118865	SWAIN ROYSTON W	LDIMP	0
C118866	HOBSON BRUCE R AND DONNA E	IRR	1,850
C070317	COOPER CHARLES L & JANIS L	SW	249

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C070317	BOX 341 STN MAIN	IRR	6,044
C070317	DUNCAN BC	STONP	6,168
Pepper Brook left of Cowichan Lake			
C115518	ROSS SHELDON N	DOM	830
C047544	CARMICHAEL JACK W	DOM	415
C058473	ELLIS FAE J	DOM	830
C116332	STIDSTON DAVE & LORRAINE	DOM	415
C116333	BENSON TEREZIA	DOM	415
C027777	O'MALLEY DAWN L ET AL	DOM	830
C045751	KEZIERE NORMAN & JEAN	DOM	415
Peter Springs			
C023072	NORSEMAN DEVELOPMENT CORP	WWKS	16,593
Porter Spring			
C035889	MCKAY GORDON STANLEY & GLORIA- JEAN	DOM	1,659
Preston Spring			
C061379	BENSON TEREZIA	DOM	830
Q			
Quamichan Creek left of Cowichan River			
C033696	TRAPLER LOUIS & WALTRAUD	DOM	830
Quamichan Lake on Quamichan Creek			
C117271	JIREH FARMS LTD	IRR	24,670
F014000	PRICE KEITH F T	DOM	830
F015111*	DREW, CAMERON R & MAEVE B	DOM	1,659
F014002	TASSIN LOUISE MRS	DOM	830
F014137	BOGGS HERBERT W DR	DOM	1,659
F016181	PHILIPPSON DANIEL	DOM	1,659
F015067*	HAYES JOHN S	DOM	1,659
F015067*	HAYES JOHN S	DOM	1,659
F016630	LEROY RONALD E & CYNTHIA R D	DOM	1,659
F016630	1785 MAPLE BAY RD	IRR	2,467
F017082	GRIMES RICHARD & BARBARA M	DOM	1,659
F017082	1781 MAPLE BAY ROAD RR 5	IRR	5,304
C108340	LAMBRECHT HELGA	LAWN	308
C108341	WALBOHM HANS F	LAWN	308
F017044	JOSSY ERIN	DOM	1,659
C063714	NEWCOMB D ELIZABETH	SW	830
F017111	TREBELL FRANCIS M	DOM	830
C047107	WHITTOME JAMES L	IRR	7,401
F019609	TAYLOR DONALD E & DARLENE G	DOM	1,410
F019685	RIDENOUR KEN D	DOM	1,377
F019608	ROBERTSON MARGARET L	DOM	830
C035827	ROBIN EDWIN P	DOM	830

Source (alphabetical order) Licence Number (* indicates more than one point of diversion issued under licence)	Licensee	Purpose Code	Licence Quantity (m ³)
C036627	DICKEY ROBERT N & JUDITH A	IRR	14,802
C043295	STONE PETER H & PATRICIA H	DOM	830
C068006	TO BE DETERMINED	IRR	37,005
C117754	HALVORSON JAMES P	SW	415
C072679	WOOD TINA J	IRR	9,868
F013999	CHUDLEIGH JANETTE	DOM	830
F017748	BERG SHIRLEY L	DOM	830
C063543	SADD TOM E & ARDITH A	IRR	407
F017513	STEWART SUZANNE G	IRR	39,472
C049356	MORRIS PETER M & WENDY M	IRR	2,714
C052804	VAN JAARVELD CORNELIUS M AND TERESA	IRR	11,102
F049559	VAN JAARVELD CORNELIUS M AND TERESA	IRR	71,296
C025384	DAVIS JOHN E	DOM	1,659
C028861	MORGAN ROGER L & PIERRETTE M	DOM	830
C057295	HUNT RICHARD & SYLVIA	IRR	3,701
F016632	SWAN JOSEPH & AVANTHIA C	DOM	1,659
C065886	MATTHEW JAMES GORDON	IRR	7,709
C052656	COSH LOIS O	IRR	6,168
F013998	MILLAR CATHERINE D	DOM	830
C052655	MILLAR CATHERINE D	IRR	7,401
F015111*	DREW, CAMERON R & MAEVE B	DOM	1,659
F017162	HOWROYD JOHN	DOM	1,659
C054481	LENKO PAMELA M D	IRR	12,335
C054482	LENKO PAMELA M D	IRR	12,335
R			
Railway Brook left of Cowichan Lake			
C040851	TAYLOR JOHN M	DOM	830
C059011	TATHAM MARGARET E	DOM	830
C110073	MACKIE LORNE W & SHARON V	DOM	830
C114884	CAMERON ROSS A	DOM	830
Ram Brook left of Cowichan Lake			
C102913	VAAST RAYMOND L & CYNTHIA M	DOM	1,659
Raphael Creek right of Averill Creek			
F014595*	EVANS LLOYD W & MARGARET	DOM	1,659
F040264	BUTLER BERNARD G & BETTY A	DOM	830
F016077	MCCALLUM HERBERT P	DOM	830
F014595*	EVANS LLOYD W & MARGARET	DOM	1,659
Regan Creek right of Cowichan Lake			
C015296	CAYCUSE UTILITIES SOCIETY	WWKOT	24,890
Rice Springs			
C054761	KOCH JOHN B	DOM	1,659

Source (alphabetical order) Licence Number (* indicates more than one point of diversion issued under licence)	Licensee	Purpose Code	Licence Quantity (m ³)
Richards Creek left of Somenos Lake			
C027024	WINSHIP HEATHER J & JEFFREY A	IRR	175,774
C116155	HAYES DONALD	IRR	24,670
F019899	CLOUDCROFT FARMS CORP INC	IRR	24,670
C118143	DOUBLE B RANCH LTD	SW	1,659
C118143	7156 TOM WINDSOR RD	IRR	6,007
C118144	WESTBURY ERIC W	LAWN	160
F058636	PASTULA DOREEN M	DOM	1,659
C057752	NORTH COWICHAN DIST OF	LDIMP	0
C027121	MCDONALD JAMES P & MARY L	DOM	1,659
F008744*	SOUTHERLAND JOHN G	DOM	3,319
F008744*	SOUTHERLAND JOHN G	DOM	3,319
C070691	HOPPS DAVID & DIANE	DOM	830
F106052	KIRBY BARRY V	DOM	996
C109574	YALDEN-THOMSON DAVID C	DOM	830
F054153	MOSS REGINALD & MAVIS	DOM	830
Rimbach Swamp on Rimbach Creek			
C103579	RETTIG WERNER J & E CAROLYN	DOM	830
Ron Brook left of Cowichan Lake			
C111378	HAMES IVAN W	DOM	830
C111379	FLEMMING MICHAEL R & ROBYN L	DOM	1,659
F039422	JONES DOUGLAS & LAWRENCE	DOM	830
F110420	AUGUSTINE FLOYD A & ROSEMARIE J	DOM	830
C114523	HEDLEY THOMAS E & CAROLE A	DOM	830
C114531	ROSS KENNETH G & GLADYS L E	DOM	830
C019582	EDWARDS DEREK W & BRIGITTE M	DOM	830
C021713	BELDESSI SAMUEL A & MARGARET G	DOM	830
C049212	HISLOP DONALD J & GRACE I	DOM	830
C054296	MOON SHARON G	DOM	830
F014130	HISLOP DONALD S	DOM	830
F014131	MAASZ ALFRED O & RUTH F	DOM	830
C110841	PETERS NOEL E & LINDA O	DOM	830
C113777	MORRIS ROBERT W	DOM	1,659
C110022	IRVING MARGARET J ET AL	DOM	830
C113943	KUHN KLAUS & LORING	DOM	830
Rotary Park Creek left of Cowichan River			
C048836	COWICHAN FISH & GAME ASSOCIATION	CONUS	433,052
Royle Creek left of Doherty Creek			
C105325*	CHOW JONATHAN & HEATHER	DOM	830
S			
Sacombe Spring			
C113756	THOM SUSANNE M	DOM	830
C113757	THOM SUSANNE M	DOM	830

Source (alphabetical order) Licence Number (* indicates more than one point of diversion issued under licence)	Licensee	Purpose Code	Licence Quantity (m ³)
C113758	BRYDON CHARLOTTE A	DOM	830
C113759	BRYDON CHARLOTTE A	DOM	830
F017836	JAKOVICKAS ALFONSAS & MARIA	DOM	830
F017837	LAY DENNIS A	DOM	830
F110430	TARTINI LISA M	DOM	830
Saxon Springs			
F004403	MANN T CLIFFORD	DOM	2,489
Selma Brook on Cowichan Lake			
C028395	KLINGSPORN DOUGLAS W & DIANE L	DOM	830
C028153	ROWE D	DOM	830
C112065	HOLM KATHLEEN E	DOM	1,659
C106528	BREEN ALAN F & PATRICIA M	DOM	830
Shaw Creek left of Cowichan River			
C038955	LISKE DOUGLAS C	DOM	830
C038956	HARTSHORN MARK F & TERESA G M	DOM	830
Shorty Brook right of Currie Creek			
F021415	SAMPSON GEORGE E/B A	DOM	1,659
F021415	SAMPSON GEORGE E/B A	IRR	1,727
Sjoberg Spring			
F047411	CURADEAU ROBERT	DOM	830
Skeet Spring			
C033954	COWICHAN FISH & GAME ASSOCIATION	DOM	1,659
Skutz Creek left of Cowichan River			
C065782	HASLAM ALLAN LEWIS	DOM	830
Smith Ponds			
C041928	SMITH SAMUEL L & CLAIRELLEN M	DOM	830
C041928	SMITH SAMUEL L & CLAIRELLEN M	IRR	12,335
C041929	SMITH SAMUEL L & CLAIRELLEN M	STOR	4,934
Somenos Creek left of Cowichan River			
F043008	JIREH FARMS LTD	IRR	24,670
C057751*	NORTH COWICHAN DIST OF	LDIMP	0
Somenos Lake on Somenos Creek			
C020617	JENSEN ROY	DOM	1,659
C109005	TAYLOR GRACE M	IRR	12,335
C062352	DUCKS UNLIMITED (CANADA)	CONUS	25,983
C067979	GOVERNMENT SERVICES MINISTRY OF	IRR	2,467
F019970	GOVERNMENT SERVICES MINISTRY OF	DOM	1,659
C029479	SILVESTER ANDREW	DOM	2,489
C035520	STANKO EDWARD M & JOSEPHINE	DOM	830
C035520	6489 BELL MCKINNON RD	IRR	9,868
C028614	VAN JAARSVELD CORNELIUS F & CASE J	IRR	88,812
C028615	VAN JAARSVELD GERARDUS A & THEODORA	IRR	108,548
C045116	SPEER WILLIAM R & MARY E	IRR	5,304

Source (alphabetical order) Licence Number (* indicates more than one point of diversion issued under licence)	Licensee	Purpose Code	Licence Quantity (m ³)
C040930	HOCKER ALFRED F & PATRICIA M	IRR	4,934
C023991	NORTH COWICHAN DIST OF	WWKLA	82,966
Spinks Springs			
C022240	MONTANA DARREN M & WENDY S	DOM	1,659
Springhurst Spring			
F121107	NORCROSS ROBERT E & VIRGINIA D	DOM	830
Stanley Creek left of Cowichan River			
C030368	SHEILDS EUNICE M	DOM	830
C063910	GRAHAM MARGARET A	DOM	830
C053881	NEVA RICHARD W & ELLEN L	DOM	830
Stead Swamp on Stead Brook			
C111323	WIKKERINK GERRY H ET AL	LDIMP	13,569
C111322	LOWE HAROLD DALE & KATHERINE L	LDIMP	30,838
Stone Pond			
C051253	STONE JAMES N	DOM	830
C051253	STONE JAMES N	IRR	9,868
C051254	STONE JAMES N	STONP	9,868
Stoney Spring			
C113829	ELZINGA AUKE & SHEILA M	DOM	1,659
C113829	ELZINGA AUKE & SHEILA M	GRNH	1,659
Sutton Creek right of Cowichan Lake			
C021567	HONEYMOON BAY ENTERPRISES LTD	IRR	74,010
Swan Creek left of Beadnall Creek			
C114957	MERCER RICHARD M	IRR	555
C027383	ATWAL RESHAM S	DOM	830
C054156	TUCK MICHAEL J & SUSAN M	DOM	830
T			
Trail Spring			
C027703	WESTON ERNEST R	DOM	830
Tuck Springs			
C035836	WEISSENMAYER RUDY & MARGOT	DOM	830
F113025	LARSON JAMES J AND TRACY L	DOM	830
Tzuhalem Creek left of Cowichan			
C026604*	SISTERS OF SAINT ANN	IRR	123,350
C026605*	SISTERS OF SAINT ANN	WWKOT	99,559
U			
Utility Creek left of Cowichan Lake			
C106216	ELLIOTT ROSE VIOLET	DOM	830
F113807	KNOTT SIMON F	DOM	830
F113812	BAIRD STEPHEN MCNEA	DOM	830
C072607	LEE GI SOO	DOM	830

Source (alphabetical order) Licence Number (* indicates more than one point of diversion issued under licence)	Licensee	Purpose Code	Licence Quantity (m ³)
V			
Vance Creek left of Cowichan River			
C026819	PARLEE GORDON & APRIL	DOM	830
C072273	PARLEE GORDON & APRIL	DOM	830
Vaux Creek right of Cowichan River			
C119967	FEEHAN MARK E	STONP	1,234
C119968	FEEHAN MARK E	IRR	2,467
C039340*	FERGUSON GODFREY D	DOM	830
C039340*	BOX 216	IRR	15,419
C039341	FERGUSON GODFREY D	STONP	15,419
Vaux Swamp on Vaux Creek			
C039340*	FERGUSON GODFREY D	DOM	830
C039340*	FERGUSON GODFREY D	DOM	830
C039340*	BOX 216	IRR	15,419
Viczko Spring			
C043430	JOYNSON CHARLES A	DOM	830
W			
Wake Lake on ZZ Creek (1982)			
C112522	WAKE LAKE ENTERPRISES LTD	DOM	830
Wasson Spring			
C105219	POST BRADLEY	DOM	830
Watson Spring on ZZ Brook (1991)			
C046712	WATSON ARTHUR T & ADELLE D	DOM	2,489
C046712	PO BOX 432	PONDS	86,610
C046712	LAKE COWICHAN BC	IRR	3,701
West Beauty Brook right of Beauty Brook			
F119515*	WRIGHT WILLIAM S AND LINDA K	DOM	830
F119516*	VAUGHAN TODD G & CONNIE A	DOM	830
West Daly Creek right of Daly Creek			
F011408*	DOUCETTE JOHN W & RAMONA M	DOM	830
F011691*	DOUCETTE ROMONA & JOHN	DOM	830
F011693*	VANDERHORST HARM & MARGARET I	DOM	830
West Richards Creek right of Richards Creek			
C057752*	NORTH COWICHAN DIST OF	LDIMP	0
William Spring			
F013153	LISKE GUSTAV E & BARBARA L	DOM	1,659
Wilver Creek left of Cowichan Lake			
C026862	MCKAY WALLACE H & LAURENE E	DOM	830
Wyllie Creek on Cowichan			
C113506	PECONI STEPHEN J AND CAROLE L	LAWN	308

Source (alphabetical order) Licence Number (* indicates more than one point of diversion issued under licence)	Licensee	Purpose Code	Licence Quantity (m ³)
Y			
Youbou Creek left of Cowichan Lake			
Z			
Zenobia Swamp on ZZ Brook (19776)			
C026604*	SISTERS OF SAINT ANN	IRR	123,350
C026605*	SISTERS OF SAINT ANN	WWKOT	99,559
C063947	SISTERS OF SAINT ANN	STONP	43,173

Grand total		13,820,549
Duplicate licences ¹		-275,487
Storage ²		-517,478
Conservation ³		
#115415 (75% of 8,661,041)		-6,495,781
#62352 (75% of 25,983)		-19,487
#48836 (75% of 433,052)		-324,789
#101723 (75% of 181,882)		-136,412
#64081 (100% of 866,104)		-866,104
Total withdrawal by individual licencees		5,185,073

¹ Duplicate licences are those with more than one point of diversion that can be used to extract a maximum volume (e.g. the licensee is permitted to withdraw water from more than one location for domestic use but the sum of all withdrawals must not be greater than 830 m³/year).

² Storage is subtracted from the total withdrawal because water is not removed from the waterbody.

³ Ministry of Environment does not consider water used for conservation purposes as a withdrawal. Water is used for instream works, or diverted, used, and then returned to the waterbody. For the purposes of this report it has been assumed that 25% of this water used for ponds or fish hatcheries is lost from the river due to evaporation, infiltration, leaks, and other losses. No withdrawal is assumed to occur for operation of licensed fish counting fences (licence #64081).

4.0 Detailed well information

Section 4.1.3 of the *Water Issues* report provides a brief summary of the reported yield of wells in the Cowichan Basin. Table 11 provides detailed information on these wells, including owners, locations, and purpose of wells, and reported yield

Table 11
Detailed information for wells in the Cowichan Basin

Electoral Area/ Municipality	Tag Number	BCGS Mapsheet	Owner	Street Address	Land District	Well Use	Reported Yield (m ³ /year)
D	00000000512	092B07241332	MUN OF N COWICHAN	Not recorded	QUAMICHAN Land District	unknown	3,979,212
D	00000000517	092B07241335	MUN OF N COWICHAN	NEAR THE RIVER	QUAMICHAN Land District	unknown	3,979,212
D	00000004056	092B07241117	GETZ	Not recorded	QUAMICHAN Land District	unknown	0
D	00000004105	092B0724412	Not recorded	Not recorded	COWICHAN Land District	other	0
D	00000004192	092B0724233	Not recorded	Not recorded	COWICHAN Land District	unknown	0
D	00000004220	092B0724135	DEPT OF INDIAN AFFAI	BOYES RD	QUAMICHAN Land District	unknown	59,688
D	00000013715	092B0724237	DEPT OF INDIAN AFFAI	Not recorded	COWICHAN Land District	unknown	19,896
D	00000013717	092B0724238	DEPT OF INDIAN AFFAI	Not recorded	COWICHAN Land District	unknown	99,480
D	00000017576	092B08212231	E ALLEN	Not recorded	SOMENOS Land District	unknown	1,990
D	00000017620	092B0723333	M LEAKEY	Not recorded	SOMENOS Land District	Unknown	5,969
D	00000019415	092B0724321	SIMONE CHARLIE	Not recorded	QUAMICHAN Land District	unknown	23,875
D	00000019978	092B0724131	SILVER PARK	COWICHAN RIVER	QUAMICHAN Land District	unknown	59,688
D	00000021920	092B07241329	MUN OF N COWICHAN	BOYS RD	QUAMICHAN Land District	unknown	1,591,685
D	00000022175	092B0724137	MUN OF N COWICHAN	Not recorded	QUAMICHAN Land District	unknown	358,129
D	00000022176	092B0724136	MUN OF N COWICHAN	Not recorded	QUAMICHAN Land District	unknown	0
D	00000022217	092B07241324	KOKSILAH FOREST NURS	Not recorded	QUAMICHAN Land District	unknown	29,844
D	00000023138	092B07243112	MUN OF N COWICHAN	Not recorded	QUAMICHAN Land District	unknown	5,968,819
D	00000024397	092B07241312	ANDREW TOM	Not recorded	QUAMICHAN Land District	unknown	19,896
D	00000026587	092B07241330	TRIANGLE MOBILE HOME	TRANS CAN HIWAY	QUAMICHAN Land District	unknown	0
D	00000027151	092B07241110	INDIAN DEPT	INDIAN RESERVE	QUAMICHAN Land District	other	0
D	00000027697	092B07241123	LEON S PATTON	ISLAND HIGHWAY	QUAMICHAN Land District	unknown	39,792
D	00000029040	092B07241128	A O TAYLOR	MISSION RD & HIWAY	QUAMICHAN Land District	unknown	59,688
D	00000029051	092B07241124	NEIL READ	KOKSILAH RD MISSION RD & HWY	QUAMICHAN Land District	unknown	19,896
D	00000029396	092B0724141	INDIAN COOP	Not recorded	COWICHAN Land District	unknown	0
D	00000033947	092B07241130	ROBSON MARIA	KOKSILAH	QUAMICHAN Land District	unknown	19,896
D	00000034629	092B0724212	DENNIS HAGAR (ROOK)	COWICHAN BAY	COWICHAN Land District	unknown	79,584
D	00000040191	092B07241339	RON TAYLOR	KOKSILAH HOUSE	QUAMICHAN Land District	unknown	59,688
D	00000040192	092B07241131	RON TAYLOR	KOKSILAH	QUAMICHAN Land District	unknown	19,896
D	00000040194	092B07241334	KEN ARMOUR	COWICHAN RENTALS	QUAMICHAN Land District	unknown	198,961

Electoral Area/ Municipality	Tag Number	BCGS Mapsheet	Owner	Street Address	Land District	Well Use	Reported Yield (m ³ /year)
D	000000041891	092B07241331	B C FORESTRY	KOKSILAH NURSERY	QUAMICHAN Land District	unknown	39,792
D	000000045114	092B07241126	BC HYDRO	ISLAND HWY	QUAMICHAN Land District	domestic	119,376
D	000000047370	092B07241315	WES VOTH CONSTRUCTIO	KOKSILAH INDIAN BAND	QUAMICHAN Land District	domestic	15,917
D	000000053860	092B07241340	GORDON STILL	ELEANOR RD	QUAMICHAN Land District	domestic	59,688
D	000000063845	092B07241355	BOSS WATER CORP	5301 TRANS CANADA HWY	QUAMICHAN Land District	Community Water Supply	905,271
D	000000068776	092B07241135	GORDON LANGTRY	5164 FRANCIS ST	QUAMICHAN Land District	Commercial/Industrial	59,688
D	000000068824	092B07241134	COLLEEN MESSIER	5215 FRANCIS RD	QUAMICHAN Land District	domestic	39,792
D	000000075099	092B07241137	LOWE	5191 ELEANOR ROAD	QUAMICHAN Land District	domestic	39,792
Electoral Area D Total							17,974,103
Duncan	00000004086	092B0724314	E SMITH	Not recorded	QUAMICHAN Land District	unknown	0
Duncan	00000004214	092B07241310	CITY OF DUNCAN	Not recorded	QUAMICHAN Land District	unknown	0
Duncan	000000014551	092B0723421	COWICHAN CREAMERY	Not recorded	QUAMICHAN Land District	unknown	3,979
Duncan	000000016683	092B0723423	K D HOSPITAL	Not recorded	QUAMICHAN Land District	unknown	5,969
Duncan	000000016963	092B0723424	K D HOSPITAL	Not recorded	QUAMICHAN Land District	unknown	5,969
Duncan	000000017457	092B0724132	DEPT OF INDIAN AFFAI	Not recorded	QUAMICHAN Land District	unknown	995
Duncan	000000017505	092B0724115	SCHOOL DIST 65	Not recorded	QUAMICHAN Land District	unknown	29,844
Duncan	000000018123	092B07241318	CITY OF DUNCAN	Not recorded	QUAMICHAN Land District	unknown	3,979,212
Duncan	000000021166	092B0724134	CITY OF DUNCAN	Not recorded	QUAMICHAN Land District	unknown	0
Duncan	000000022854	092B07241320	CITY OF DUNCAN	Not recorded	QUAMICHAN Land District	unknown	3,979,212
Duncan	000000024393	092B07241319	PATTERSON	Not recorded	QUAMICHAN Land District	unknown	99,480
Duncan	000000036264	092B07241326	BRADSHAW CONSTRUCTIO	DOBSON ST	QUAMICHAN Land District	unknown	0
Duncan	000000037073	092B07241111	RON TAYLOR	KOKSILAH	QUAMICHAN Land District	unknown	59,688
Duncan	000000037079	092B07241115	BERT ROBERTS	KOKSILAH FARM	QUAMICHAN Land District	unknown	139,272
Duncan	000000039695	092B07241351	CITY OF DUNCAN	WITHIN MCADAM PARK	QUAMICHAN Land District	unknown	869,458
Duncan	000000039849	092B07241352	CITY OF DUNCAN	Not recorded	QUAMICHAN Land District	unknown	4,217,965
Duncan	000000059652	092B07241354	DUNCAN FISH HATCHERY	WHARCLIFFE RD.	QUAMICHAN Land District	unknown	1,990
Duncan	000000059654		DUNCAN FISH HATCHERY	WHARNCLIFFE RD.	QUAMICHAN Land District	unknown	198,961
City of Duncan Total							13,591,995
E	00000004051	092B0723248	ERSUL F SMITH	Not recorded	QUAMICHAN Land District	unknown	35,813
E	00000004061	092B07232115	Not recorded	Not recorded	QUAMICHAN Land District	unknown	0
E	00000004075	092B07232131	DOUG LEPOIDEVIN	GLENORA RD	QUAMICHAN Land District	unknown	13,927

Electoral Area/ Municipality	Tag Number	BCGS Mapsheet	Owner	Street Address	Land District	Well Use	Reported Yield (m ³ /year)
E	00000004080	092B07233314	ARNOLD	Not recorded	SAHTLAM Land District	Domestic	0
E	00000004083	092B0723334	J SVETICH	Not recorded	SAHTLAM Land District	Domestic	0
E	00000004093	092B0723338	O'DELL	Not recorded	SAHTLAM Land District	Domestic	0
E	00000004112	092B07232121	LEERHOLM	Not recorded	QUAMICHAN Land District	unknown	13,927
E	00000004126	092B0723218	Not recorded	Not recorded	QUAMICHAN Land District	unknown	0
E	00000004139	092B0723229	Not recorded	Not recorded	QUAMICHAN Land District	unknown	0
E	00000004141	092B07233122	DRAPE	Not recorded	SAHTLAM Land District	domestic	0
E	00000004145	092B07233112	RUSSEL	Not recorded	SAHTLAM Land District	domestic	0
E	00000004146	092B07233118	NELSON	Not recorded	SAHTLAM Land District	domestic	0
E	00000004147	092B07233121	ERICKSON	Not recorded	SAHTLAM Land District	domestic	0
E	00000004148	092B07233114	WICKS	Not recorded	SAHTLAM Land District	domestic	0
E	00000004152	092B0723315	H WEBER	Not recorded	SAHTLAM Land District	domestic	0
E	00000004153	092B07232125	H ORRICK	Not recorded	QUAMICHAN Land District	unknown	9,948
E	00000004156	092B0723411	Not recorded	Not recorded	QUAMICHAN Land District	unknown	0
E	00000004158	092B0723332	J HYMICK	Not recorded	SAHTLAM Land District	Domestic	0
E	00000004163	092B0723335	SMITH	Not recorded	SAHTLAM Land District	Domestic	0
E	00000004165	092B07231230	REG PYWELL	Not recorded	QUAMICHAN Land District	unknown	9,948
E	00000004168	092B07233120	H M SMITH	Not recorded	SAHTLAM Land District	domestic	0
E	00000004169	092B0723125	Not recorded	Not recorded	QUAMICHAN Land District	unknown	0
E	00000004170	092B07233111	SAHTLAM STORE	Not recorded	SAHTLAM Land District	domestic	0
E	00000004171	092B0723132	A COLQUHOUN	Not recorded	SAHTLAM Land District	domestic	0
E	00000004181	092B0723331	BERGSTROM	Not recorded	SAHTLAM Land District	Domestic	0
E	00000004184	092B07241328	LUM S	Not recorded	QUAMICHAN Land District	unknown	0
E	00000004191	092B07233113	PETERSON	Not recorded	SAHTLAM Land District	domestic	0
E	00000004196	092B0723216	Not recorded	Not recorded	QUAMICHAN Land District	unknown	0
E	00000004204	092B0723214	GLENORA STORE	Not recorded	QUAMICHAN Land District	unknown	29,844
E	00000004207	092B0723215	Not recorded	Not recorded	QUAMICHAN Land District	unknown	0
E	00000004211	092B0723314	G ROBINSON	Not recorded	SAHTLAM Land District	domestic	0
E	00000004212	092B0714211	SAHTLAM LODGE	Not recorded	SAHTLAM Land District	Domestic	0
E	00000004215	092B07233115	MARTIN	Not recorded	SAHTLAM Land District	domestic	0
E	00000004216	092B0723128	Not recorded	Not recorded	QUAMICHAN Land District	unknown	0

Electoral Area/ Municipality	Tag Number	BCGS Mapsheet	Owner	Street Address	Land District	Well Use	Reported Yield (m ³ /year)
E	00000004221	092B0714237	JORDAN	Not recorded	SAHTLAM Land District	Domestic	0
E	00000004225	092B0723316	DAVIES	Not recorded	SAHTLAM Land District	domestic	0
E	00000007448	092B07144113	H BALLEGEER	Not recorded	SAHTLAM Land District	Domestic	0
E	00000007494	092B0714417	HAWKINS	Not recorded	SAHTLAM Land District	Unknown	0
E	00000007497	092B0714429	HARTINOV	Not recorded	SAHTLAM Land District	Unknown	5,969
E	00000007516	092B0714244	NOWERICKY	COWICHAN LAKE ROAD	SAHTLAM Land District	Unknown	39,792
E	00000007523	092B0714416	G THOMPSON	Not recorded	SAHTLAM Land District	Domestic	0
E	00000007538	092B0714414	P LE BLANC	Not recorded	SAHTLAM Land District	Domestic	0
E	00000007543	092B0714428	GEO ALTICE	Not recorded	SAHTLAM Land District	Domestic	0
E	00000007545	092B0714423	H DESCHNER	Not recorded	SAHTLAM Land District	Domestic	0
E	00000007547	092B0714421	D J THIBODEAU	Not recorded	SAHTLAM Land District	Domestic	4,974
E	00000007555	092B0714415	B POZELL	Not recorded	SAHTLAM Land District	Domestic	0
E	00000007560	092B0714419	LE ROY	Not recorded	SAHTLAM Land District	Domestic	0
E	00000007583	092B0714427	DECKNER	Not recorded	SAHTLAM Land District	Domestic	0
E	00000007606	092B0714241	A E H SMITH	Not recorded	SAHTLAM Land District	Domestic	0
E	00000007670	092B0714426	W THIBODEAU	Not recorded	SAHTLAM Land District	Domestic	0
E	00000007671	092B0714242	BELL	Not recorded	SAHTLAM Land District	Domestic	0
E	00000007753	092B07144115	R W MOORE	Not recorded	SAHTLAM Land District	Unknown	0
E	00000007758	092B0714424	SMYTHE	Not recorded	SAHTLAM Land District	Domestic	0
E	00000014557	092B07232120	MARY WALDEN	Not recorded	QUAMICHAN Land District	unknown	23,875
E	00000014809	092B07241322	A W ROBERTS	Not recorded	QUAMICHAN Land District	unknown	15,917
E	00000015186	092B0723127	J D STEVENS	Not recorded	QUAMICHAN Land District	unknown	11,938
E	00000015227	092B0723241	EAGLE HEIGHTS WATER	Not recorded	QUAMICHAN Land District	unknown	298,441
E	00000015238	092B0723313	SAHTLAM SCHOOL	Not recorded	SAHTLAM Land District	unknown	19,896
E	00000015587	092B0714425	C F DOCHTERMANN	Not recorded	SAHTLAM Land District	Domestic	11,938
E	00000015663	092B07232118	C STIRLING	N OF GLENORA RD	QUAMICHAN Land District	unknown	29,844
E	00000016624	092B0714422	GORD E O'KEEFE	Not recorded	SAHTLAM Land District	Unknown	7,958
E	00000017052	092B0724133	NEW KOKSILAH SCHOOL	Not recorded	QUAMICHAN Land District	unknown	19,896
E	00000017113	092B0723244	AL SCHAEFFER	Not recorded	QUAMICHAN Land District	other	3,979
E	00000018080	092B07241311	MARSHALL	Not recorded	QUAMICHAN Land District	unknown	0
E	00000018081	092B07241317	MARSHALL	Not recorded	QUAMICHAN Land District	unknown	19,896

Electoral Area/ Municipality	Tag Number	BCGS Mapsheet	Owner	Street Address	Land District	Well Use	Reported Yield (m ³ /year)
E	00000018773	092B07232123	MIKE STOGRIN	Not recorded	QUAMICHAN Land District	unknown	11,938
E	00000018798	092B0724139	B & K FEED STORE	Not recorded	QUAMICHAN Land District	unknown	0
E	00000018882	092B07232111	C BONAR	Not recorded	QUAMICHAN Land District	unknown	9,948
E	00000018884	092B07233315	O R ADDIR	Not recorded	SAHTLAM Land District	Unknown	995
E	00000019151	092B0723249	C P RAILWAY	Not recorded	QUAMICHAN Land District	unknown	29,844
E	00000019270	092B07233128	GILBERT TAYLOR	Not recorded	SAHTLAM Land District	unknown	0
E	00000019271	092B07232410	DION HAUGEN	Not recorded	QUAMICHAN Land District	unknown	19,896
E	00000019416	092B07241323	W GIBSON	Not recorded	QUAMICHAN Land District	unknown	6,964
E	00000019897	092B07241321	MARCENETTE	ALLENBY	QUAMICHAN Land District	unknown	29,844
E	00000019938	092B07232412	EAGLE HEIGHTS WATER	ALLENBY RD	QUAMICHAN Land District	unknown	49,740
E	00000019980	092B07241327	E & M MACHINE SHOP	Not recorded	QUAMICHAN Land District	unknown	29,844
E	00000019981	092B07232124	FRANK PORR	Not recorded	QUAMICHAN Land District	unknown	7,958
E	00000020021	092B07232114	W HOUSTON	CORNER OF INDIAN RD & GLENORA	QUAMICHAN Land District	unknown	11,938
E	00000020427	092B07232119	R CAGE	DEVONPORT	QUAMICHAN Land District	unknown	0
E	00000021376	092B07144114	LARRY ERICKSON	Not recorded	SAHTLAM Land District	Unknown	13,927
E	00000021437	092B0723113	J HULL	Not recorded	QUAMICHAN Land District	unknown	9,948
E	00000021779	092B0724118	CO-OP FEED PLANT	Not recorded	QUAMICHAN Land District	unknown	39,792
E	00000022269	092B0723111	HANSON	Not recorded	QUAMICHAN Land District	unknown	9,948
E	00000022559	092B0723126	GRACE LUX	Not recorded	QUAMICHAN Land District	unknown	11,938
E	00000023291	092B07231214	G D MALONE	Not recorded	QUAMICHAN Land District	unknown	3,979
E	00000024100	092B07232122	HULL	Not recorded	QUAMICHAN Land District	unknown	29,844
E	00000024220	092B07231263	KEVIN BUCHANAN	Not recorded	QUAMICHAN Land District	unknown	9,948
E	00000024395	092B07144126	KELLER	Not recorded	SAHTLAM Land District	Unknown	19,896
E	00000024502	092B07231224	LEE	Not recorded	QUAMICHAN Land District	unknown	0
E	00000024647	092B07232414	ALBERT JONES	Not recorded	QUAMICHAN Land District	unknown	15,917
E	00000024673	092B07231218	HAROLD WILLIAMS	Not recorded	QUAMICHAN Land District	unknown	1,990
E	00000024761	092B07241316	DUNCAN MOBILE SALES	Not recorded	QUAMICHAN Land District	unknown	39,792
E	00000025010	092B07241333	Not recorded	Not recorded	QUAMICHAN Land District	unknown	49,740
E	00000025114	092B07232134	ALEX GALT	Not recorded	QUAMICHAN Land District	unknown	99,480
E	00000025151	092B07144110	GEO THOMPSON	Not recorded	SAHTLAM Land District	Unknown	7,958
E	00000025347	092B07232135	BILL DAME	Not recorded	QUAMICHAN Land District	unknown	39,792

Electoral Area/ Municipality	Tag Number	BCGS Mapsheet	Owner	Street Address	Land District	Well Use	Reported Yield (m ³ /year)
E	00000025460	092B07233134	G ROBINSON	Not recorded	SAHTLAM Land District	unknown	3,979
E	00000025490	092B07233132	G TAYLOR	Not recorded	SAHTLAM Land District	unknown	995
E	00000025778	092B0723219	DON ELLISON	OFF GLENORA RD	QUAMICHAN Land District	unknown	29,844
E	00000025779	092B07233131	G TAYLOR	OLD COWICHAN LK RD	SAHTLAM Land District	unknown	39,792
E	00000025783	092B07233130	G TAYLOR	OLD COWICHAN LK RD	SAHTLAM Land District	unknown	0
E	00000025787	092B07232413	J SCHMID	ALLENBY RD	QUAMICHAN Land District	unknown	23,875
E	00000026074	092B07232130	S STIRLING	GLENORA RD	QUAMICHAN Land District	unknown	13,927
E	00000026129	092B07144123	FRED FINNETT	OLD LAKE COWICHAN HWY	SAHTLAM Land District	Unknown	3,979
E	00000026452	092B0723221	TATTAM	MCLEAY RD	QUAMICHAN Land District	unknown	13,927
E	00000026662	092B07231236	R LEE	LEE RD	QUAMICHAN Land District	unknown	0
E	00000026861	092B07144116	LEES MICHAEL	JORDANS CORNER	SAHTLAM Land District	Unknown	9,948
E	00000027173	092B0723213	INDIAN DEPT	INDIAN RESERVE	QUAMICHAN Land District	unknown	5,969
E	00000027349	092B07233127	G TAYLOR	OLD LAKE COWICHAN RD	SAHTLAM Land District	unknown	9,948
E	00000027350	092B07233129	G TAYLOR	OLD COWICHAN LK RD	SAHTLAM Land District	unknown	59,688
E	00000027638	092B0723114	MARKS C B	VAUX RD	QUAMICHAN Land District	unknown	4,974
E	00000027648	092B07231229	MCCALLAM	LEE RD	QUAMICHAN Land District	unknown	4,974
E	00000028265	092B07231223	RON GANTER	LEE RD	QUAMICHAN Land District	unknown	9,948
E	00000028290	092B07232128	DAN BONNER	INDIAN RD	QUAMICHAN Land District	unknown	9,948
E	00000028464	092B07144125	TERRY RYAN	Not recorded	SAHTLAM Land District	Unknown	39,792
E	00000028482	092B07144118	RUSSEL COLE	OLD COWICHAN LAKE RD	SAHTLAM Land District	Unknown	19,896
E	00000028641	092B07144119	MARCEL DOUCETTE	OLD LAKE COWICHAN RD	SAHTLAM Land District	Unknown	15,917
E	00000028665	092B07233316	HARVEY OSBORNE	PAYNE RD-OLD LAKE COWICHAN	SAHTLAM Land District	Unknown	29,844
E	00000028686	092B07144120	DAVE BAHSLER	OLD LAKE COWICHAN HWY	SAHTLAM Land District	Unknown	19,896
E	00000028706	092B07144127	N PILLOTT	OLD COWICHAN LAKE RD	SAHTLAM Land District	Unknown	17,906
E	00000028832	092B07144117	DOUG CHANDLER	JORDANS CORNER	SAHTLAM Land District	Unknown	9,948
E	00000029036	092B07232415	GLEN HARPERS	ALLENBY RD	QUAMICHAN Land District	unknown	19,896
E	00000029392	092B07232132	WEATHERBEE	GLENORA RD UNDER POWERLINE	QUAMICHAN Land District	unknown	9,948
E	00000029394	092B07144128	GLEN W GEIER	JORDANS CORNER	SAHTLAM Land District	Unknown	59,688
E	00000029397	092B07144124	DENNIS MYCOCK	OLD COWICHAN LAKE RD	SAHTLAM Land District	Unknown	19,896
E	00000029403	092B0714245	K B KALLUM	RIVERBOTTOM RD	SAHTLAM Land District	Unknown	39,792
E	00000029546	092B07231220	J IVES	Not recorded	QUAMICHAN Land District	unknown	9,948

Electoral Area/ Municipality	Tag Number	BCGS Mapsheet	Owner	Street Address	Land District	Well Use	Reported Yield (m ³ /year)
E	00000029787	092B07241129	COWICHAN CO-OP SER	ROBERTS RD	QUAMICHAN Land District	unknown	39,792
E	00000029839	092B07232416	C & C LATH MILL	Not recorded	QUAMICHAN Land District	unknown	19,896
E	00000030873	092B07232136	CAGE R	Not recorded	QUAMICHAN Land District	unknown	39,792
E	00000030988	092B07232133	FRANK GIERC	Not recorded	QUAMICHAN Land District	unknown	7,958
E	00000031295	092B07231217	TERRY LEE	LEE & GLENORA RDS	QUAMICHAN Land District	unknown	23,875
E	00000032750	092B07144130	VINCE WALTERS	BRENNON COURT	SAHTLAM Land District	Unknown	3,979
E	00000032787	092B07144129	W R BELL	BRENNON COURT	SAHTLAM Land District	Unknown	14,922
E	00000032865	092B07232139	GORON STILZ	Not recorded	QUAMICHAN Land District	unknown	19,896
E	00000032883	092B07232127	ALICE LEERHOLM	Not recorded	QUAMICHAN Land District	unknown	39,792
E	00000033206	092B07231241	STEVE GIBSON	Not recorded	QUAMICHAN Land District	unknown	19,896
E	00000033248	092B0723336	KLINICK JR	Not recorded	SAHTLAM Land District	Unknown	5,969
E	00000034601	092B07231249	LUDVIGSON	ELLIOT RD	QUAMICHAN Land District	unknown	29,844
E	00000034786	092B07144131	COLE	OLD LAKE COWICHAN RD	SAHTLAM Land District	Unknown	9,948
E	00000034837	092B07232138	JOHN POOLE	GLENORA RD	QUAMICHAN Land District	unknown	39,792
E	00000035464	092B07231239	A WATSON	Not recorded	QUAMICHAN Land District	unknown	19,896
E	00000035818	092B07232142	PROUD	Not recorded	QUAMICHAN Land District	unknown	49,740
E	00000035935	092B07232417	C & C LATH MILL	Not recorded	QUAMICHAN Land District	unknown	99,480
E	00000035936	092B07232418	E & M MACHINE SHOP	OLD ISLAND HWY	QUAMICHAN Land District	unknown	0
E	00000036019	092B07233135	TALOR	OLD LAKE COWICHAN RD	SAHTLAM Land District	unknown	15,917
E	00000036184	092B0723133	RUSS THURRBURN	Not recorded	SAHTLAM Land District	unknown	716,258
E	00000036270	092B07144111	WHITEY WEBB	JORDANS CORNER	SAHTLAM Land District	Unknown	9,948
E	00000036572	092B07232137	KEN NELSON	INDIAN RD	QUAMICHAN Land District	unknown	19,896
E	00000036824	092B07231248	STEAV GIBSON	Not recorded	QUAMICHAN Land District	unknown	198,961
E	00000036825	092B07231245	STEAV GIBSON	Not recorded	QUAMICHAN Land District	unknown	3,979
E	00000036948	092B07144219	HENRY THOMPSON	OLD LAKE COWICHAN RD	SAHTLAM Land District	Unknown	29,844
E	00000036997	092B07231254	THOMASSON CONST	ELLIOT RD	QUAMICHAN Land District	unknown	7,958
E	00000037063	092B0714221	WILF HEATH	RIVERBOTTOM RD	SAHTLAM Land District	Unknown	39,792
E	00000037185	092B07231253	ROBERT LEE	Not recorded	QUAMICHAN Land District	unknown	39,792
E	00000037186	092B07231252	OTTO LUTHER	VAUX RD	QUAMICHAN Land District	unknown	11,938
E	00000037432	092B07231424	ERIC MELGAARD	BILLS RD	QUAMICHAN Land District	unknown	19,896
E	00000037743	092B07232117	HAROLD TATTAM	GLENORA RD	QUAMICHAN Land District	unknown	29,844

Electoral Area/ Municipality	Tag Number	BCGS Mapsheet	Owner	Street Address	Land District	Well Use	Reported Yield (m ³ /year)
E	00000038663	092B07232140	COLLIN PIERRE	GLENORA RD	QUAMICHAN Land District	unknown	29,844
E	00000038844	092B07144132	B BLOW	OLD LAKE COWICHAN RD	SAHTLAM Land District	Unknown	7,958
E	00000039470	092B07231244	ROBERT CERIKO	ELLIOT RD	QUAMICHAN Land District	unknown	19,896
E	00000039795	092B07231231	TOM LOBBES	VAUX RD	QUAMICHAN Land District	unknown	7,958
E	00000040043	092B07232144	FRANK GIERC	INDIAN RD	QUAMICHAN Land District	unknown	19,896
E	00000040159	092B07232141	COLSTRURN	INDIAN RD	QUAMICHAN Land District	unknown	9,948
E	00000040404	092B07231255	A ATKINSON	VAUX RD	QUAMICHAN Land District	unknown	29,844
E	00000040475	092B07231435	BILL VAUX	BILL'S RD	QUAMICHAN Land District	unknown	19,896
E	00000041484	092B07231257	REG PYWELL	ELLIOT RD	QUAMICHAN Land District	unknown	23,875
E	00000041485	092B07231256	REG PYWELL	ELLIOT RD	QUAMICHAN Land District	unknown	23,875
E	00000041654	092B0723134	JOHN TILLIE	Not recorded	SAHTLAM Land District	unknown	11,938
E	00000041704	092B0723135	E DUNCAN	GIBBONS RD	SAHTLAM Land District	unknown	3,979
E	00000041805	092B07142329	DALE REINHOLZ	Not recorded	SAHTLAM Land District	Unknown	31,834
E	00000041856	092B07144133	J PLESTER	Not recorded	SAHTLAM Land District	Unknown	13,927
E	00000042099	092B07144134	CAGE	JORDONS LANE	SAHTLAM Land District	Unknown	11,938
E	00000042300	092B07233139	EDWARD ANDREWS	Not recorded	SAHTLAM Land District	unknown	39,792
E	00000042579	092B07232211	DON ELLISON	MCLAY RD	QUAMICHAN Land District	unknown	198,961
E	00000043143	092B07233123	PRO TIRE D BURROWS	CREIGHTON ROAD	SAHTLAM Land District	unknown	0
E	00000043146	092B07233138	PRO TIRE D BURROWS	CREIGHTON RD	SAHTLAM Land District	unknown	995
E	00000043229	092B07233317	LA ROCHE	OFF OLD LAKE COWICHAN RD	SAHTLAM Land District	Unknown	1,990
E	00000043573	092B07232143	GEORGE C THERIAULT	Not recorded	QUAMICHAN Land District	unknown	27,854
E	00000043575	092B07231258	G MCEWAN	5085 LEE RD.	QUAMICHAN Land District	unknown	9,948
E	00000043882	092B07233140	W GARNET	OLD LAKE COWICHAN RD	SAHTLAM Land District	domestic	995
E	00000043903	092B07233124	GILBERT TALYOR	OLD LAKE COWICHAN RD	SAHTLAM Land District	domestic	39,792
E	00000044023	092B07233142	W GARNETT	OLD LAKE COWICHAN RD	SAHTLAM Land District	domestic	11,938
E	00000044043	092B07233136	W GRANGER	OLD LAKE COWICHAN	SAHTLAM Land District	domestic	4,974
E	00000044460	092B07231259	DAVE LUTHER	VAUX RD	QUAMICHAN Land District	domestic	29,844
E	00000044583	092B0723139	G CORNHILL	SUNRISE RD	SAHTLAM Land District	domestic	15,917
E	00000044588	092B07233119	SID LE BLANC	OLD LAKE COWICHAN RD	SAHTLAM Land District	domestic	39,792
E	00000045348	092B07233126	BOB LEROY	PAYNE RD & OLD LAKE COWICHAN	SAHTLAM Land District	domestic	69,636
E	00000046699	092B07231211	SAM MITCHELL	ROWE RD	QUAMICHAN Land District	irrigation	0

Electoral Area/ Municipality	Tag Number	BCGS Mapsheet	Owner	Street Address	Land District	Well Use	Reported Yield (m ³ /year)
E	000000046989	092B0723112	K CONLEY	VAUX RD	SAHTLAM Land District	domestic	29,844
E	000000047048	092B0714243	W R HEATH	RIVERBOTTOM RD	SAHTLAM Land District	Domestic	19,896
E	000000047204	092B0723117	MACMILLAN BLOEDEL	ROWE RD	SAHTLAM Land District	Commercial/Industrial	99,480
E	000000047224	092B07144216	F DREW	CREIGHTON RD	SAHTLAM Land District	Unknown	9,948
E	000000047238	092B07144212	ALEXANDER	CREIGHTON RD	SAHTLAM Land District	Domestic	39,792
E	000000047239	092B07144213	ALEXANDER	CREIGHTON RD	SAHTLAM Land District	Unknown	0
E	000000047386	092B0723129	SAM MITCHELL	ROWE RD	QUAMICHAN Land District	irrigation	99,480
E	000000047473	092B07233318	CARL MELLINGS	POLLOCK RD	SAHTLAM Land District	Domestic	39,792
E	000000047597	092B07144135	D LOWE	CULVERTON ST	SAHTLAM Land District	Domestic	23,875
E	000000047724	092B07231242	BOB CARLSON	VAUX RD	QUAMICHAN Land District	domestic	19,896
E	000000047783	092B0723137	PAUL RUSZEL	SUNRISE RD	SAHTLAM Land District	unknown	11,938
E	000000048613	092B07233141	JIM MOIR	COWICHAN LAKE RD	SAHTLAM Land District	unknown	2,984
E	000000049306	092B0723138	HOWARD	SUNRISE RD	SAHTLAM Land District	domestic	19,896
E	000000049563	092B07232145	MYRAN	GLENORA RD	QUAMICHAN Land District	domestic	23,875
E	000000049717	092B07231310	ANTON MAURER	SUNRISE RD	SAHTLAM Land District	unknown	2,984
E	000000050180	092B07144215	MATIESCHYN ROMAN	CREIGHTON RD	SAHTLAM Land District	Domestic	15,917
E	000000050527	092B07233311	STEVE BEAL	POLLOCK RD	SAHTLAM Land District	Domestic	5,969
E	000000050881	092B07233125	V JUDGE	PAYNE RD & OLD LAKE COWICHAN	SAHTLAM Land District	domestic	3,979
E	000000050953	092B07144210	DAVE LYALL	OLD LK COWICHAN RD	SAHTLAM Land District	Domestic	19,896
E	000000051006	092B07231316	DOUG BEALE	CRESENT DRIVE	SAHTLAM Land District	domestic	11,938
E	000000051194	092B07231215	INDIAN BAND	ELLIOT ROAD	QUAMICHAN Land District	domestic	39,792
E	000000051334	092B07233319	ISLAND SAVINGS C U	END OF WHEATLEY RD	SAHTLAM Land District	Domestic	19,896
E	000000051813	092B07231313	J C WARD	SUNRISE	SAHTLAM Land District	domestic	5,969
E	000000051814	092B07231323	J C WARD	SUNRISE	SAHTLAM Land District	domestic	11,938
E	000000051920	092B07231246	W EVANS	VAUX	QUAMICHAN Land District	domestic	11,938
E	000000051921	092B07231243	W EVANS	VAUX RD	QUAMICHAN Land District	domestic	11,938
E	000000052271	092B07231262	GREG NOONAN	5178 ELLIOT RD	QUAMICHAN Land District	domestic	19,896
E	000000052501	092B07144211	F BOMBFORD	OLD LK COWICHAN RD	SAHTLAM Land District	Domestic	17,906
E	000000052520	092B07231247	SID KERSHAW	VAUX RD	QUAMICHAN Land District	domestic	9,948
E	000000052589	092B0714249	JACK WENDOVER	GWILT RD	SAHTLAM Land District	Domestic	1,990
E	000000052724	092B07231317	CLIFF TALBOT	SUNRISE RD	SAHTLAM Land District	domestic	29,844

Electoral Area/ Municipality	Tag Number	BCGS Mapsheet	Owner	Street Address	Land District	Well Use	Reported Yield (m ³ /year)
E	00000052747	092B0714246	SAHTLAM ESTATES	GWILT RD & SAHTLAM ESTATES RD	SAHTLAM Land District	Domestic	19,896
E	00000052761	092B0714248	SAHTLAM ESTATES	SAHTLAM ESTATES RD.	SAHTLAM Land District	Domestic	11,938
E	00000052772	092B0714247	L. DOWLER	4764 SAHTLAM ESTATES RD.	SAHTLAM Land District	Domestic	11,938
E	00000052795	092B07231260	DALE SCHNEIDER	VAUX RD	QUAMICHAN Land District	domestic	15,917
E	00000052832	092B07231311	LONGAIR	SUNRISE RD	SAHTLAM Land District	domestic	9,948
E	00000052871	092B07142410	D BROUGHTON	JORDANS LANE	SAHTLAM Land District	Domestic	13,927
E	00000053521	092B07231216	DEPT OF INDIAN AFFAI	ELLIOT ROAD	QUAMICHAN Land District	unknown	29,844
E	00000053582	092B0723245	RICK PETERS	INDIAN RD	QUAMICHAN Land District	domestic	19,896
E	00000053583	092B0723247	WALLY ANTOINE	INDIAN RD	QUAMICHAN Land District	domestic	7,958
E	00000054036	092B07232146	MILLAR	MCLAY RD	QUAMICHAN Land District	domestic	11,938
E	00000054631	092B0723242	Not recorded	INDIAN ROAD	QUAMICHAN Land District	domestic	9,948
E	00000055510	092B07233320	C LAROCHE	POLLOCK RD	SAHTLAM Land District	Domestic	79,584
E	00000055528	092B07144136	SAHTLAM VOL FIRE DEP	CULVERTON ROAD	SAHTLAM Land District	Municipal	23,875
E	00000055545	092B07231250	RAY ELLISON	ROWE ROAD	QUAMICHAN Land District	irrigation	79,584
E	00000055680	092B07233321	L S S SIHOTA	PAYNE RD	SAHTLAM Land District	Domestic	19,896
E	00000055882	092B07231319	KEITH LAVER	CRESENT DRIVE OFF BARNJUM RD	SAHTLAM Land District	domestic	23,875
E	00000055901	092B07231116	MORISE SITKO	Not recorded	QUAMICHAN Land District	domestic	39,792
E	00000055975	092B07144218	RED CURTIS	CREIGHTON RD	SAHTLAM Land District	Domestic	0
E	00000056037	092B07144217	RED CURTIS	CREIGHTON RD	SAHTLAM Land District	Domestic	5,969
E	00000056044	092B07233137	DON WILLIAMS	LAKE COWICHAN RD	SAHTLAM Land District	domestic	2,984
E	00000056065	092B07231251	FRANK GIERC	ELLIOT ROAD	QUAMICHAN Land District	domestic	49,740
E	00000056140	092B07144214	J KIRBY	OLD LAKE COWICHAN RD	SAHTLAM Land District	Domestic	29,844
E	00000056163	092B07233313	J TROTTIER	POLLOCK RD	SAHTLAM Land District	Unknown	11,938
E	00000056208	092B07232147	GORDON STILL	GLENORA RD	QUAMICHAN Land District	domestic	39,792
E	00000056400	092B07142411	GEORGE LESAGE	HANKS RD	SAHTLAM Land District	Domestic	29,844
E	00000056410	092B07144112	DAN HUGHS	OLD LAKE COWICHAN RD	SAHTLAM Land District	Domestic	39,792
E	00000056579	092B07232129	J TULIP	GLENORA RD	QUAMICHAN Land District	domestic	5,969
E	00000056652	092B07231261	D LUDVIGSON	LEE ROAD	QUAMICHAN Land District	domestic	59,688
E	00000056657	092B07231240	D DIDDENS	BILLS ROAD	QUAMICHAN Land District	domestic	0
E	00000056658	092B07231235	D DIDDENS	BILLS ROAD	QUAMICHAN Land District	domestic	995
E	00000056684	092B07231228	G FERGUSEN	Not recorded	QUAMICHAN Land District	domestic	9,948

Electoral Area/ Municipality	Tag Number	BCGS Mapsheet	Owner	Street Address	Land District	Well Use	Reported Yield (m ³ /year)
E	00000056695	092B0723115	G FERGUSEN	VAUX RD	QUAMICHAN Land District	irrigation	119,376
E	00000056747	092B07231448	D J DIDDENS	BILLS RD	QUAMICHAN Land District	domestic	15,917
E	00000063019	092B07144137	MIKE BUTTLE	COWICHAN LAKE RD	SAHTLAM Land District	Unknown	16,912
E	00000063051	092B07233143	LOCBA PHAM	4275 COWICHAN LAKE RD	SAHTLAM Land District	domestic	7,958
E	00000063052	092B07233322	R. ECCLES	4380 POLLOCK RD	SAHTLAM Land District	Domestic	11,938
E	00000063053	092B07233323	A. ROBERT TAMPLIN	4391 POLLOCK RD	SAHTLAM Land District	Domestic	19,896
E	00000063054	092B07231324	HOWARD ROSS	4335 SUNRISE RD	SAHTLAM Land District	domestic	7,958
E	00000063055	092B07231325	G. KING	SUNRISE RD	SAHTLAM Land District	domestic	3,979
E	00000063059	092B07231264	STEVE GIBSON	5150 LEE RD	QUAMICHAN Land District	domestic	0
E	00000063060	092B07231265	KEN & VIANN VAUX	Not recorded	COWICHAN Land District	unknown	7,958
E	00000063064	092B07144220	D. O'KEEFE	4555 OLD COWICHAN LAKE RD	SAHTLAM Land District	Domestic	5,969
E	00000063065	092B07142412	ALBERT HOIS	SATHLAM ESTATES RD	SAHTLAM Land District	Domestic	7,958
E	00000063087	092B07233324	PAUL SLADE	4200 WHEATLEY RD	SAHTLAM Land District	Domestic	39,792
E	00000063088	092B07144221	ROY RADONS	CON LAKE RD	SAHTLAM Land District	Unknown	19,896
E	00000063139	092B0723119	MACMILLIAN BLOEDEL	Not recorded	SAHTLAM Land District	Commercial/Industrial	0
E	00000063140	092B0723118	MACMILLIAN BLOEDEL	Not recorded	SAHTLAM Land District	Commercial/Industrial	0
E	00000063360	092B07144222	JOHN JANSEN	4455 OLD LAKE COWICHAN ROAD	SAHTLAM Land District	Domestic	3,979
E	00000063362	092B07144223	JOHN JANSEN	4463 OLD LAKE COWICHAN ROAD	SAHTLAM Land District	Domestic	2,984
E	00000063428	092B07231267	MOORE NEIL	5190 LEE RD	QUAMICHAN Land District	domestic	69,636
E	00000063458	092B07231266	HANCOCK M	5150 ELLIOT RD	QUAMICHAN Land District	domestic	11,938
E	00000063464	092B07233153	TAYLOR G	4180 OLD LAKE COWICHAN HWY	COWICHAN Land District	domestic	19,896
E	00000063525	092B07231270	NOONAN	5178 ELLIOT RD	QUAMICHAN Land District	domestic	19,896
E	00000063531	092B07231269	NOONAN GREG	5178 ELLIOT RD	QUAMICHAN Land District	domestic	19,896
E	00000063645	092B07231272	MALAHOF PETE	5128 ELLIOT RD	QUAMICHAN Land District	domestic	119,376
E	00000063829	092B07231273	BARDERSON SAM	3930 VAUX RD	QUAMICHAN Land District	domestic	0
E	00000063830	092B07231114	BELLIS B	5205 JEFFERIES RD	QUAMICHAN Land District	domestic	1,990
E	00000063831	092B07231268	DIDDENS J	5215 BILLS RD	QUAMICHAN Land District	domestic	43,771
E	00000063832	092B07231110	VAN LEEWAN NELLIE	5189 JEFFERIES	QUAMICHAN Land District	Unknown	9,948
E	00000063844	092B07241356	ODIN INDUSTRIES	5301 TRANS CANADA HWY	QUAMICHAN Land District	Commercial/Industrial	596,882
E	00000063860	092B07232150	TATTAM DAVE	3530 GLENORA RD	QUAMICHAN Land District	irrigation	149,220
E	00000063862	092B07231111	SCHOFIELD WARD & LAU	ALEXANDER RD	QUAMICHAN Land District	domestic	11,938

Electoral Area/ Municipality	Tag Number	BCGS Mapsheet	Owner	Street Address	Land District	Well Use	Reported Yield (m ³ /year)
E	00000063863	092B07232151	BUCK RICHARD & LOREL	5110 INDIAN RD	QUAMICHAN Land District	domestic	29,844
E	00000063864	092B07232153	BRAIN JACK	3335 GLENORA RD	QUAMICHAN Land District	domestic	7,958
E	00000063865	092B07232154	MYRAN D	3440 GLENORA RD	QUAMICHAN Land District	domestic	11,938
E	00000063866	092B07232155	LUTTERS STEVE	3450 GLENORA RD	QUAMICHAN Land District	domestic	39,792
E	00000063867	092B07232149	ELLISON TERRY	3446 GLENORA RD	QUAMICHAN Land District	domestic	99,480
E	00000063869	092B07231113	DOSKOCIL LEN	ALEXANDER RD	QUAMICHAN Land District	domestic	15,917
E	00000063870	092B07231112	BLASKO P	5195 ALEXANDER RD	QUAMICHAN Land District	domestic	15,917
E	00000063982	092B0723231	CHARLIE H	Not recorded	QUAMICHAN Land District	domestic	15,917
E	00000063984	092B07231282	BARDERSON SAM	3930 VAUX RD	QUAMICHAN Land District	domestic	0
E	00000067614	092C09031311	ROBERT BAYNES	8256 SA-SEEN-OS CRES	COWICHAN LAKE Land District	Domestic	19,896
E	00000068696	092B07231335	435891 BC LTD	AKIRA RD	SAHTLAM Land District	domestic	2,984
E	00000068698	092B07231334	435891 BC LTD	BARNJUM RD	SAHTLAM Land District	domestic	2,984
E	00000068700	092B07231333	LARRY WHISKIN	AKIRA RD	SAHTLAM Land District	domestic	13,927
E	00000068702	092B07231332	SHIRLEY CROSSON	AKIRA RD	SAHTLAM Land District	domestic	3,979
E	00000068706	092B07142414	DONALD SHAW	4718 DONS RD	SAHTLAM Land District	Domestic	7,958
E	00000068716	092B07233335	PAUL SLADE	4200 WHEATLEY RD	SAHTLAM Land District	domestic	39,792
E	00000068720	092B07233334	CHARLES COOPER	4228 WHEATLEY RD	SAHTLAM Land District	domestic	79,584
E	00000068721	092B07233150	BICH PHAM	4275 COWICHAN LAKE RD	SAHTLAM Land District	domestic	7,958
E	00000068727	092B07233337	GORDON HOWELL	4361 POLLOCK RD	SAHTLAM Land District	domestic	9,948
E	00000068729	092B07142415	DAVID WILLCOX	4735 DONS RD	SAHTLAM Land District	Domestic	4,974
E	00000068731	092B07231329	RICHARD DWYER	4280 SUNRISE RD	SAHTLAM Land District	domestic	5,969
E	00000068733	092B07144224	GENEVIEVE BODEN	4753 COWICHAN LAKE RD	SAHTLAM Land District	Domestic	39,792
E	00000068737	092B07231340	DAVID KLUS	AKIRA RD	SAHTLAM Land District	domestic	19,896
E	00000068739	092B07142413	GEORGE PATTERSON	RIVERBOTTOM RD	SAHTLAM Land District	Domestic	5,969
E	00000068741	092B07142418	435891 BC LTD	AKIRA RD	SAHTLAM Land District	Domestic	9,948
E	00000068743	092B07233336	CALVIN HERRON	4305 POLLOCK RD	SAHTLAM Land District	domestic	19,896
E	00000068745	092B07142417	435891 BC LTD	AKIRA RD	SAHTLAM Land District	Domestic	11,938
E	00000068747	092B07231339	CATHERINE OAKLEY	5608 MENZIES RD	SAHTLAM Land District	domestic	3,979
E	00000068749	092B07142416	JAMES HILLIER	4465 AKIRA RD	SAHTLAM Land District	Domestic	11,938
E	00000068751	092B07144226	ROBERT RUSSELL	4789 LAKE COWICHAN RD	SAHTLAM Land District	Domestic	0
E	00000068753	092B07144139	ZOE E. BRATEN	4780 OLD LAKE COWICHAN RD	SAHTLAM Land District	Domestic	23,875

Electoral Area/ Municipality	Tag Number	BCGS Mapsheet	Owner	Street Address	Land District	Well Use	Reported Yield (m ³ /year)
E	00000068755	092B07144225	ROBERT RUSSELL	4789 LAKE COWICHAN RD	SAHTLAM Land District	Domestic	995
E	00000068757	092B07231331	PAUL MANHAS	4400 AKIRA RD	SAHTLAM Land District	domestic	19,896
E	00000068759	092B07231338	WAKE LAKE ENTERPRISE	SUNRISE RD	SAHTLAM Land District	domestic	3,979
E	00000068765	092B07231337	PENELOPE STEVENSON	AKIRA RD	SAHTLAM Land District	domestic	3,979
E	00000068769	092B07231284	ALLAN NELSON	3665 GLENORA RD	QUAMICHAN Land District	domestic	29,844
E	00000068772	092B07231336	435891 BC LTD	AKIRA RD	SAHTLAM Land District	domestic	2,984
E	00000068781	092B07231116	MACMILLAN BLOEDEL	Not recorded	QUAMICHAN Land District	Commercial/Industrial	198,961
E	00000068796	092B07231286	FRANSISCUS ROUWEN	5150 LEE RD	QUAMICHAN Land District	domestic	19,896
E	00000068801	092B07231285	DALE LOWE	BILL RD	QUAMICHAN Land District	domestic	1,990
E	00000068807	092B07231115	DONALD E. SUTHERLAND	4165 VAUX RD	QUAMICHAN Land District	domestic	19,896
E	00000068813	092B07231330	PAUL MANHAS	4400 AKIRA RD	SAHTLAM Land District	unknown	995
E	00000068841	092B07233339	WILLIAM ARNASON	6002 PAYNE RD	SAHTLAM Land District	domestic	19,896
E	00000068845	092B07233338	PAUL SLADE	4200 WHEATLEY RD	SAHTLAM Land District	domestic	19,896
E	00000074940	092B07144227	WILLERINK	4716 OLD LAKE COWICHAN ROAD	SAHTLAM Land District	Domestic	9,948
E	00000074968	092B07144228	COLEMAN	4765 OLD LAKE COWICHAN RD	SAHTLAM Land District	Domestic	1,990
E	00000075053	092B07144229	CALDERWOOD	HANKS ROAD	SAHTLAM Land District	Domestic	0
E	00000075054	092B07144230	CAULDERWOOD	HANKS ROAD	SAHTLAM Land District	Domestic	9,948
E	00000075060	092B07144140	CARSWELL	OLD COWICHAN LAKE ROAD	SAHTLAM Land District	Domestic	19,896
E	00000075100	092B0821131	ELZINGA	6645 HILLCREST	SEYMOUR Land District	domestic	6,964
E	00000075136	092B07231341	DUNCAN	CRESENT DRIVE	SAHTLAM Land District	domestic	9,948
E	00000075150	092B07231117	SCHOFIELD	VAUX ROAD	QUAMICHAN Land District	domestic	49,740
Electoral Area E Total							7,987,274
F	00000000897	092B07142324	DOUG SEBASTIANO	ELLISON RD	SAHTLAM Land District	Domestic	1,990
F	00000000901	092B07142322	JACK HUGHES	OLD LAKE COWICHAN RD	SAHTLAM Land District	Unknown	13,927
F	00000000907	092B0714418	L E CLAIRE	JORDANS CORNER	SAHTLAM Land District	Unknown	59,688
F	00000007436	092B0811133	J OLIVER	Not recorded	COWICHAN LAKE Land District	Domestic	0
F	00000007439	092B0714331	C BALLEGEER	Not recorded	COWICHAN LAKE Land District	Domestic	0
F	00000007456	092B0811123	CIRCLE N RANCH	Not recorded	COWICHAN LAKE Land District	Domestic	0
F	00000007535	092B0714413	FRY	Not recorded	SAHTLAM Land District	Domestic	0
F	00000007576	092B0714321	CHARN & SINGH	Not recorded	SAHTLAM Land District	Domestic	0
F	00000007608	092B0811121	MAYO LUMBER CO	Not recorded	COWICHAN LAKE Land District	Other	0

Electoral Area/ Municipality	Tag Number	BCGS Mapsheet	Owner	Street Address	Land District	Well Use	Reported Yield (m ³ /year)
F	00000007634	092B0811131	D COOPER	Not recorded	COWICHAN LAKE Land District	Domestic	0
F	00000007685	092B0811134	H THEREN	Not recorded	COWICHAN LAKE Land District	Domestic	0
F	00000007804	092B0811135	J DOHERTY	Not recorded	COWICHAN LAKE Land District	Domestic	0
F	00000013176	092C0901316	PARKS BRANCH	WALTON ROAD	COWICHAN LAKE Land District	unknown	0
F	00000013214	092C09013124	ROY BOYD	Not recorded	COWICHAN LAKE Land District	domestic	0
F	00000013231	092C0901131	M LOCHMANEC	Not recorded	COWICHAN LAKE Land District	unknown	0
F	00000013249	092C0901314	G S STEEVES	Not recorded	COWICHAN LAKE Land District	unknown	0
F	00000013268	092C0901313	PARKS BRANCH	WALTON ROAD	COWICHAN LAKE Land District	unknown	278,545
F	00000013269	092C0901317	MARCH	Not recorded	COWICHAN LAKE Land District	other	0
F	00000013289	092C0902421	WINTERS & KUYPER	Not recorded	COWICHAN LAKE Land District	domestic	0
F	00000013297	092C0901312	J NAIRDIONO	Not recorded	COWICHAN LAKE Land District	domestic	0
F	00000013324	092C0902411	W E BLACK	Not recorded	COWICHAN LAKE Land District	domestic	0
F	00000019467	092B0714411	MAYO (NORM HUNTER)	Not recorded	SAHTLAM Land District	Unknown	0
F	00000020823	092C09013112	DOUG BROKES	Not recorded	COWICHAN LAKE Land District	unknown	0
F	00000021377	092C09013116	STAN BELL	Not recorded	COWICHAN LAKE Land District	unknown	0
F	00000021378	092C09013113	ED WALLER	Not recorded	COWICHAN LAKE Land District	unknown	0
F	00000021379	092C09013115	ALF FRIESEN	Not recorded	COWICHAN LAKE Land District	unknown	0
F	00000021381	092C09013114	JOHN NORDINO	Not recorded	COWICHAN LAKE Land District	unknown	9,948
F	00000021382	092C09013110	MONTE	Not recorded	COWICHAN LAKE Land District	unknown	0
F	00000021680	092C0901221	HILLCREST LUMBER CO	Not recorded	COWICHAN LAKE Land District	unknown	358,129
F	00000022904	092C0902413	FRAZIR WEBSTER	COWICHAN RIVER	COWICHAN LAKE Land District	unknown	1,990
F	00000022967	092C0901319	JACK ROACH	WALTON RD	COWICHAN LAKE Land District	Unknown	39,792
F	00000022968	092C0901318	GARY MCFEE	WALTON RD	COWICHAN LAKE Land District	unknown	59,688
F	00000022969	092C09013111	JACK HEYWOOD	WALTON RD	COWICHAN LAKE Land District	unknown	19,896
F	00000022993	092C0901311	DON COLE	WALTON RD	COWICHAN LAKE Land District	unknown	59,688
F	00000024602	092C09013120	GOLF CLUM K TATE	Not recorded	COWICHAN LAKE Land District	unknown	29,844
F	00000024605	092C09013119	J W BRAITHWAITE	Not recorded	COWICHAN LAKE Land District	unknown	15,917
F	00000024606	092C09013118	J W BRAITHWAITE	Not recorded	COWICHAN LAKE Land District	unknown	19,896
F	00000027519	092C09013117	RALPH BRANTINS	WALTON RD	COWICHAN LAKE Land District	unknown	5,969
F	00000029684	092C0901142	WESTERN FORESTS INDU	Not recorded	COWICHAN LAKE Land District	unknown	79,584
F	00000030315	092B0714412	P ARCHBOLD	OLD LAKE COWICHAN RD	SAHTLAM Land District	Unknown	49,740

Electoral Area/ Municipality	Tag Number	BCGS Mapsheet	Owner	Street Address	Land District	Well Use	Reported Yield (m ³ /year)
F	00000032095	092B0714234	PLEASANT ACRES DEV	COWICHAN LAKE RD	SAHTLAM Land District	Unknown	17,906
F	00000032110	092B0714235	PLEASANT ACRES DEV	5036 CULVERTON RD.	SAHTLAM Land District	Unknown	23,875
F	00000032121	092B0714239	PLEASANT ACRES DEV	Not recorded	SAHTLAM Land District	Unknown	7,958
F	00000032149	092B07142313	PLEASANT ACRES DEV	CULVERTON RD	SAHTLAM Land District	Unknown	15,917
F	00000032168	092B07142310	PLEASANT ACRES DEV	Not recorded	SAHTLAM Land District	Unknown	3,979
F	00000032713	092C09013122	FRED CHOWN	WALDEN RD	COWICHAN LAKE Land District	unknown	39,792
F	00000032909	092C09013121	JOHN NARDINO	Not recorded	COWICHAN LAKE Land District	unknown	7,958
F	00000033834	092B0811132	BATH FRANKLIN E	SUMMIT	COWICHAN LAKE Land District	Unknown	13,927
F	00000033874	092B0714342	TREMBLEY	OLD LAKE COWICHAN RD	SAHTLAM Land District	Unknown	1,990
F	00000034004	092B07142318	D LITTEMAN	Not recorded	SAHTLAM Land District	Unknown	0
F	00000034487	092B0714343	MAYO HOLDINGS	Not recorded	SAHTLAM Land District	Unknown	0
F	00000034683	092B0714332	PAT KERR	6010 OLD LAKE COWICHAN RD.	COWICHAN LAKE Land District	Unknown	23,875
F	00000035260	092B0714233	TABLER	BELVEDERE ROAD	SAHTLAM Land District	Unknown	13,927
F	00000035276	092B0714232	BELVEDERE HOLDINGS	JORDANS LANE	SAHTLAM Land District	Unknown	19,896
F	00000035286	092B0714231	BELVEDERE HOLDINGS	5202 BELVEDERE CRES.	SAHTLAM Land District	Unknown	5,969
F	00000035539	092B0714333	T ANDERSON	Not recorded	COWICHAN LAKE Land District	Unknown	3,979
F	00000035696	092B0811211	MAYO HOLDINGS	OLD LAKE COWICHAN RD	COWICHAN LAKE Land District	Unknown	3,979
F	00000035871	092B07142319	DENNISON	COWICHAN RD	SAHTLAM Land District	Unknown	39,792
F	00000035947	092C0901315	R NOBLE	WALTON RD	COWICHAN LAKE Land District	unknown	29,844
F	00000036536	092C0902431	R NEVA	NEVA RD	COWICHAN LAKE Land District	unknown	3,979
F	00000036587	092B0811122	MAYO HOLDINGS	SKUTZ FALLS RD	COWICHAN LAKE Land District	Unknown	23,875
F	00000036591	092B0811124	MAYO HOLDINGS	SKUTZ FALLS RD	COWICHAN LAKE Land District	Unknown	29,844
F	00000037734	092B07142314	LITTEMAN DENNIS	Not recorded	SAHTLAM Land District	Unknown	0
F	00000037770	092B07142317	D LITTEMAN	Not recorded	SAHTLAM Land District	Unknown	0
F	00000038128	092B0811213	DORINA TJENSVOLD	Not recorded	COWICHAN LAKE Land District	Unknown	11,938
F	00000038130	092B0811214	G BALLEGUR	Not recorded	COWICHAN LAKE Land District	Unknown	3,979
F	00000039227	092B0714322	MAYO	OLD LAKE COWICHAN	SAHTLAM Land District	Unknown	995
F	00000039228	092B0714344	MIKE MAYO	Not recorded	SAYWARD Land District	Unknown	0
F	00000039229	092B0714345	MIKE MAYO	Not recorded	SAYWARD Land District	Unknown	0
F	00000039368	092B0714323	MIKE MAYO	OLD LAKE COWICHAN RD	SAHTLAM Land District	Unknown	11,938
F	00000039864	092B07142323	PURGAVIE	PLEASANT VIEW	SAHTLAM Land District	Unknown	11,938

Electoral Area/ Municipality	Tag Number	BCGS Mapsheet	Owner	Street Address	Land District	Well Use	Reported Yield (m ³ /year)
F	000000039884	092C09013123	DON RANDELL	WALTON RD	COWICHAN LAKE Land District	unknown	29,844
F	000000040173	092C0902231	FLEMING	BOTTOM RD	COWICHAN LAKE Land District	unknown	0
F	000000040174	092C0902415	FLEMING	BOTTOM RD	COWICHAN LAKE Land District	domestic	29,844
F	000000040199	092B0811212	REPSTOCK	OLD LAKE COWICHAN RD	COWICHAN LAKE Land District	Unknown	0
F	000000040200	092B0811215	DAN LOEWEN	OLD LAKE COWICHAN RD	COWICHAN LAKE Land District	Unknown	0
F	000000040609	092B07142321	WES SWAIN	CULVERTON RD	SAHTLAM Land District	Unknown	5,969
F	000000041223	092B0713321	WERNER HEUSER	SKUTZ FALLS RD	COWICHAN LAKE Land District	Unknown	19,896
F	000000041699	092B0714236	CARL WIMMER	KATRINA CRESENT	SAHTLAM Land District	Unknown	2,984
F	000000041713	092B0714238	CARL WIMMER	CULVERTON RD	SAHTLAM Land District	Unknown	39,792
F	000000042114	092B0714341	L GRANT	OLD LAKE COWICHAN ROAD	SAHTLAM Land District	Unknown	11,938
F	000000042207	092B07144122	ISL SHAKE & SHINGLE	CULVERTON RD	SAHTLAM Land District	Unknown	13,927
F	000000042210	092B07144121	ISL SHAKE & SHINGLE	CULVERTON RD	SAHTLAM Land District	Unknown	15,917
F	000000042337	092B07142320	ISL SHAKE & SHINGLE	CULVERTON RD	SAHTLAM Land District	Unknown	11,938
F	000000042642	092B07142325	BURNELL	PLEASANT ACRES	SAHTLAM Land District	Unknown	995
F	000000042663	092B07142326	BURNELL	PLEASANT ACRES	SAHTLAM Land District	Unknown	15,917
F	000000043121	092B0714141	COLIN BARKER	Not recorded	SAHTLAM Land District	Unknown	39,792
F	000000046479	092B07142316	T BEAUMONT	WIMMER RD	SAHTLAM Land District	Domestic	9,948
F	000000047071	092B07142331	AL LUNGREN	ELLISON PLACE	SAHTLAM Land District	Domestic	13,927
F	000000047579	092B07142334	ROYSTON C	ELLISON PLACE	SAHTLAM Land District	Domestic	9,948
F	000000047700	092B07142328	BERT OUD	ELLISON RD	SAHTLAM Land District	Unknown	15,917
F	000000048320	092B07142311	DEZENG THOMAS	BELVEDERE CRES	SAHTLAM Land District	Domestic	7,958
F	000000048359	092B07142315	J I SMITH	BELVEDERE CRES	SAHTLAM Land District	Domestic	3,979
F	000000048915	092B07142332	A BRUNESKI	ELLISON RD	SAHTLAM Land District	Domestic	27,854
F	000000049298	092B07142327	MYDONICK	CULVERTON RD	SAHTLAM Land District	Domestic	13,927
F	000000049380	092B07142330	MATT MCGONIGLE	ELLISON PLACE	SAHTLAM Land District	Domestic	19,896
F	000000050173	092B07142333	P LOEWEN	CULVERTON RD	SAHTLAM Land District	Domestic	7,958
F	000000050722	092B0714346	MARK SAROYA	PALDI RD	SAHTLAM Land District	Municipal	79,584
F	000000053565	092B07142312	C GARY	BELVEDERE	SAHTLAM Land District	Domestic	1,592
F	000000053734	092B0713431	EARL MCINTYRE	HASLAM RD	COWICHAN LAKE Land District	Domestic	23,875
F	000000053899	092B07142335	PAUL DOUGLAS	ELLISON RD	SAHTLAM Land District	Domestic	39,792
F	000000055716	092B0714212	GORDON THOMAS	RIVERBOTTOM RD	SAHTLAM Land District	Domestic	9,948

Electoral Area/ Municipality	Tag Number	BCGS Mapsheet	Owner	Street Address	Land District	Well Use	Reported Yield (m ³ /year)
F	00000055717	092B0714142	COLIN BARKER	RIVERBOTTOM RD	SAHTLAM Land District	Domestic	19,896
F	00000056419	092B07142336	PETE ESAU	5128 CULVERTON RD	SAHTLAM Land District	Domestic	15,917
F	00000067604	092C0902425	ALAN CLARKE	7110 COWICHAN LAKE RD	COWICHAN LAKE Land District	Domestic	59,688
F	00000067608	092C0902424	FRANK BATH	7100 OLD LAKE COWICHAN RD	COWICHAN LAKE Land District	Domestic	7,958
F	00000067610	092C09031313	DONALD RESLER	6508 McLEAN RD	COWICHAN LAKE Land District	Domestic	198,961
F	00000067612	092C09031314	FRANK SMITH	6501 McLEAN RD	COWICHAN LAKE Land District	Domestic	397,921
F	00000067616	092C09031312	LAURIE PERKINS	6755 COWICHAN LAKE RD	COWICHAN LAKE Land District	Domestic	0
F	00000067620	092C0903139	WILLIAM HARRISON	6403 SUMMIT RD	COWICHAN LAKE Land District	Domestic	3,979
F	00000067622	092C09031310	LAURIE PERKINS	6755 COWICHAN LAKE RD	COWICHAN LAKE Land District	Domestic	7,958
F	00000067632	092C0902422	BOOTHBY	7835 HUDGROVE RD	COWICHAN LAKE Land District	Domestic	23,875
F	00000067638	092C0902423	HEATHER ROBERTS	7615 HUDGROVE RD	COWICHAN LAKE Land District	Domestic	11,938
F	00000068708	092B07142338	GERALD WALL	BELVEDERE CRES	SAHTLAM Land District	Domestic	11,938
F	00000068710	092B0714125	CHARLES MASSEY	RIVERBOTTOM RD	SAHTLAM Land District	Domestic	29,844
F	00000068712	092B0714131	DAVID HIGNELL	RIVERBOTTOM RD	SAHTLAM Land District	Domestic	29,844
F	00000068714	092B0714334	CLAUDIA POWER	5656 COWICHAN LAKE RD	SAHTLAM Land District	Domestic	5,969
F	00000068718	092B0714143	PEGGY CHAMBERS	5488 RIVERBOTTOM RD	SAHTLAM Land District	Domestic	7,958
F	00000068725	092B0714324	MIKE CALLEWAERT	OLD COWICHAN LAKE RD	SAHTLAM Land District	Domestic	995
F	00000068735	092B07142337	DAVID JOHNSTONE	5118 ELLISON PL	SAHTLAM Land District	Domestic	15,917
F	00000068817	092B0714311	MARILYN MARS	LAKE COWICHAN RD	SAHTLAM Land District	Unknown	11,938
F	00000068821	092B07144138	AVTAR BAINS	COWICHAN LAKE ROAD	SAHTLAM Land District	Municipal	0
F	00000068825	092B0714122	DOUGLAS SMITH	5567 RIVERBOTTOM RD	SAHTLAM Land District	Domestic	19,896
F	00000068829	092B0714124	DOUGLAS SMITH	5567 RIVERBOTTOM RD	SAHTLAM Land District	Domestic	15,917
F	00000068833	092B0714123	DOUGLAS SMITH	5567 RIVERBOTTOM RD	SAHTLAM Land District	Domestic	23,875
F	00000068837	092B0714121	DOUGLAS SMITH,WACO D	5567 RIVERBOTTOM RD	SAHTLAM Land District	Domestic	29,844
F	00000068849	092B0714325	ROBERT YORSTOM	5970 STOLTZE RD	SAHTLAM Land District	Domestic	5,571
F	00000074934	092B0714335	TIGHE	LA PAGE ROAD	COWICHAN LAKE Land District	Domestic	59,688
F	00000074935	092C09013125	BROOK	WALTON ROAD	COWICHAN LAKE Land District	domestic	39,792
F	00000074959	092C0901111	CVRD	HONEYMOON BAY, WATERSHED PROP.	COWICHAN LAKE Land District	other	19,896
F	00000074964	092C0901112	CVRD	HONEYMOON BAY, WATERSHED PROP.	COWICHAN LAKE Land District	other	198,961
F	00000074976	092C0902241	SAUNDERS	HUDGROVE ROAD	COWICHAN LAKE Land District	domestic	19,896

Electoral Area/ Municipality	Tag Number	BCGS Mapsheet	Owner	Street Address	Land District	Well Use	Reported Yield (m ³ /year)
F	00000074977	092B0713411	DONALD WINDA	5889 MAYO ROAD	COWICHAN LAKE Land District	Domestic	5,969
F	00000074985	092C0902242	KOZMA	HUDGROVE ROAD	COWICHAN LAKE Land District	domestic	39,792
F	00000074992	092B07144340	MAYO	5905 PALDI ROAD	SAHTLAM Land District	Domestic	2,984
F	00000075004	092C09013126	MCARTHUR	TAMEA ROAD	COWICHAN LAKE Land District	domestic	11,938
F	00000075011	092B0714132	FERGUSON AND JUCH	RIVER VALLEY ROAD	SAHTLAM Land District	Domestic	9,948
F	00000075020	092B0811216	DOHERTY	LAKE COWICHAN ROAD	COWICHAN LAKE Land District	Domestic	9,948
F	00000075056	092B07142340	NIKEISKI	BELVEDER CRESCENT	SAHTLAM Land District	Domestic	39,792
F	00000075068	092B07142341	GREEN	5115 CULVERTON ROAD	SAHTLAM Land District	Domestic	0
F	00000075080	092B0713432	FACENDI	6530 MCLEAN ROAD	COWICHAN LAKE Land District	Domestic	49,740
F	00000075085	092B0714133	SMITH/BUTTLE	CAROLYN WAY	SAHTLAM Land District	Domestic	15,917
F	00000075086	092B0714144	BUTTLE	JENNY PLACE	SAHTLAM Land District	Domestic	9,948
F	00000075087	092B0714134	WACO DEVELOPMENTS	CAROLYN PLACE	SAHTLAM Land District	Domestic	29,844
F	00000075088	092B0714135	WACO DEVELOPMENTS	CAROLYN PLACE	SAHTLAM Land District	Domestic	19,896
F	00000075089	092B0714136	WACO DEVELOPMENTS	CAROLYN PLACE	SAHTLAM Land District	Domestic	23,875
F	00000075090	092B0714137	SMITH	CAROLYN ROAD	SAHTLAM Land District	Domestic	19,896
F	00000075091	092B0714138	SMITH	CAROLYN PLACE	SAHTLAM Land District	Domestic	29,844
F	00000075092	092B0714139	WACO DEVELOPMENTS	JENNY PLACE	SAHTLAM Land District	Domestic	19,896
F	00000075093	092B07141310	SMITH	CAROLYN WAY	SAHTLAM Land District	Domestic	15,917
F	00000075094	092B0714145	WACO DEVELOPMENTS	JENNY PLACE	SAHTLAM Land District	Domestic	13,927
F	00000075103	092B07141311	GODBY	5710 RIVER VALLEY ROAD	SAHTLAM Land District	Domestic	15,917
F	00000075123	092B0714336	PRIEST	OLD LAKE COWICHAN RD	SAHTLAM Land District	Domestic	2,984
F	00000075143	092B0714326	MARX	5426 COWICHAN LAKE ROAD	SAHTLAM Land District	Domestic	9,948
Electoral Area F Total							3,695,893
I	00000013068	092C0901421	C SWANSON	Not recorded	COWICHAN LAKE Land District	domestic	0
I	00000013117	092C0902341	WESTERN FORESTS INDU	Not recorded	COWICHAN LAKE Land District	domestic	99,480
I	00000013119	092C0901425	J H BOYD	Not recorded	COWICHAN LAKE Land District	domestic	0
I	00000013121	092C0901424	M MITCHELL	Not recorded	COWICHAN LAKE Land District	domestic	0
I	00000013123	092C0902311	J A BROWN	Not recorded	COWICHAN LAKE Land District	domestic	0
I	00000013194	092C0901441	C REID	Not recorded	COWICHAN LAKE Land District	unknown	0
I	00000013225	092C0901428	G C BOYD	Not recorded	COWICHAN LAKE Land District	domestic	0
I	00000013317	092C0903134	LECKIE	Not recorded	COWICHAN LAKE Land District	Other	9,948

Electoral Area/ Municipality	Tag Number	BCGS Mapsheet	Owner	Street Address	Land District	Well Use	Reported Yield (m ³ /year)
I	00000013332	092C0903133	E DOUCETTE	Not recorded	COWICHAN LAKE Land District	Domestic	3,979
I	00000013335	092C0901423	KURT FORSTER	Not recorded	COWICHAN LAKE Land District	domestic	0
I	00000013349	092C0903141	D PRICE	Not recorded	COWICHAN LAKE Land District	Domestic	0
I	00000013361	092C0902313	GUY MAXWELL	Not recorded	COWICHAN LAKE Land District	unknown	0
I	00000013371	092C0901442	I OLSEN	Not recorded	COWICHAN LAKE Land District	unknown	0
I	00000014849	092C0903131	H HOWDEN	Not recorded	COWICHAN LAKE Land District	unknown	15,917
I	00000017626	092C0901422	IRVIN J OLSEN	Not recorded	COWICHAN LAKE Land District	unknown	29,844
I	00000019088	092C0903135	IAN SMITH	Not recorded	COWICHAN LAKE Land District	Unknown	6,964
I	00000021380	092C0902312	MAITLAND	Not recorded	COWICHAN LAKE Land District	unknown	0
I	00000022905	092C0901426	K FORRESTER	MEAD CREEK RD	COWICHAN LAKE Land District	unknown	59,688
I	00000023949	092C0902343	TELESAT	Not recorded	COWICHAN LAKE Land District	unknown	23,875
I	00000024677	092C0902345	TELESAT	Not recorded	COWICHAN LAKE Land District	unknown	29,844
I	00000024678	092C0902342	TELESAT	Not recorded	COWICHAN LAKE Land District	unknown	0
I	00000024679	092C0902344	TELESAT	Not recorded	COWICHAN LAKE Land District	unknown	29,844
I	00000026057	092C0902314	E TOWLE	Not recorded	COWICHAN LAKE Land District	unknown	9,948
I	00000026577	092C0901429	COTTAM	Not recorded	COWICHAN LAKE Land District	unknown	29,844
I	00000028105	092C0902315	HUNTER	Not recorded	COWICHAN LAKE Land District	unknown	59,688
I	00000028839	092C0901427	K FRASER	TRAILER PARK	COWICHAN LAKE Land District	unknown	79,584
I	00000032375	092C0902325	MARK COUTURIER	BEAVER RD	COWICHAN LAKE Land District	unknown	9,948
I	00000032702	092C0902322	WALT HENLY	BEAVER RD	COWICHAN LAKE Land District	unknown	19,896
I	00000033442	092C0902331	CVRD	Not recorded	COWICHAN LAKE Land District	unknown	49,740
I	00000033817	092C0902321	HAROLD BERROW	Not recorded	COWICHAN LAKE Land District	unknown	23,875
I	00000035047	092C0902324	DON HALL	Not recorded	COWICHAN LAKE Land District	unknown	7,958
I	00000035061	092C0902323	SIRUP	Not recorded	COWICHAN LAKE Land District	unknown	9,948
I	00000035066	092C0901444	K NELSON	MARBLE BAY RD	COWICHAN LAKE Land District	unknown	7,958
I	00000035085	092C0901445	R THORN	Not recorded	COWICHAN LAKE Land District	unknown	59,688
I	00000036540	092C0903132	D BRAY	SASEENOS BAY	COWICHAN LAKE Land District	unknown	11,938
I	00000036595	092C0901443	PARKINSON	YOUNBOU RD WEST	COWICHAN LAKE Land District	unknown	7,958
I	00000049371	092C0902326	SHEILA SHERRED	BEAVER RD	COWICHAN LAKE Land District	domestic	19,896
I	00000067648	092C0902332	KARLITE MFG LTD	8875 YOUNBOU RD	COWICHAN LAKE Land District	Commercial/Industrial	15,917
I	00000075021	092C0902327	HENLEY	8351 BEAVER ROAD	COWICHAN LAKE Land District	domestic	7,958

Electoral Area/ Municipality	Tag Number	BCGS Mapsheet	Owner	Street Address	Land District	Well Use	Reported Yield (m ³ /year)
I	000000075047	092C0894421	TIMBERWEST	230M N OF YOUBOU CREEK/E OF LK	COWICHAN LAKE Land District	Municipal	59,688
I	000000075063	092C09031315	MCCARVILLE	YOUBOU ROAD	COWICHAN LAKE Land District	Domestic	13,927
I	000000075132	092C09014210	MRUS/STONE	NANTREE ROAD	COWICHAN LAKE Land District	domestic	15,917
Electoral Area I Total							830,661
Lake Cowichan	000000013347	092C0902412	PETER OLSEN	Not recorded	COWICHAN LAKE Land District	domestic	11,938
Lake Cowichan	000000034473	092C0902414	OLSEN'S	Not recorded	COWICHAN LAKE Land District	unknown	39,792
Lake Cowichan	000000067640	092C0902416	WILLIAM DORBY	OLD COWICHAN LAKE RD	COWICHAN LAKE Land District	Domestic	0
Lake Cowichan	000000067642	092C0902417	WILLIAM DORBY	OLD COWICHAN LAKE ROAD	COWICHAN LAKE Land District	Domestic	15,917
Town of Lake Cowichan Total							67,647
North Cowichan	000000000513	092B0723318	L C SMITH	MENZIES RD	QUAMICHAN Land District	unknown	0
North Cowichan	000000000514	092B07231452	WORTH	WINCHESTER RD	QUAMICHAN Land District	unknown	15,917
North Cowichan	000000000519	092B07231464	JOHN LEE	NORMANDY RD	QUAMICHAN Land District	unknown	4,974
North Cowichan	000000000521	092B07233110	GILBERT TAYLOR	MENZIES RD	QUAMICHAN Land District	domestic	3,979
North Cowichan	000000000523	092B0723142	STIRLING ESTATES LTD	COWICHAN RIVER ESTATES	QUAMICHAN Land District	unknown	0
North Cowichan	000000000890	092B08222323	BRIAN THICKE	HERD RD	COMIAKEN Land District	unknown	2,984
North Cowichan	000000000891	092B08223114	GARY MIDDLEMISS	RICHARDS TRAIL	SOMENOS Land District	unknown	0
North Cowichan	000000000900	092B08212445	G ROLFE	Not recorded	SOMENOS Land District	unknown	13,927
North Cowichan	000000000906	092B08221316	WENDY PATTISON	Not recorded	SOMENOS Land District	unknown	19,896
North Cowichan	000000001308	092B0724337	Not recorded	Not recorded	SOMENOS Land District	unknown	3,382
North Cowichan	000000003119	092B0822145	HEAVINGHAM	Not recorded	COMIAKEN Land District	unknown	0
North Cowichan	000000004049	092B0724332	M MACREA	Not recorded	SOMENOS Land District	Unknown	0
North Cowichan	000000004050	092B0724434	R L PERKINS	Not recorded	COMIAKEN Land District	unknown	0
North Cowichan	000000004052	092B0724311	Not recorded	Not recorded	QUAMICHAN Land District	unknown	0
North Cowichan	000000004055	092B0724316	Not recorded	Not recorded	QUAMICHAN Land District	unknown	0
North Cowichan	000000004058	092B0724346	REYNOLDS	Not recorded	COWICHAN Land District	domestic	0
North Cowichan	000000004059	092B0723434	LYDIA W EVANS	Not recorded	SOMENOS Land District	Unknown	0
North Cowichan	000000004060	092B0724313	Not recorded	Not recorded	QUAMICHAN Land District	unknown	0
North Cowichan	000000004062	092B0723438	Not recorded	Not recorded	SOMENOS Land District	not in use	0
North Cowichan	000000004063	092B0724432	PARSON	Not recorded	COMIAKEN Land District	unknown	0
North Cowichan	000000004064	092B0723435	Not recorded	Not recorded	SOMENOS Land District	not in use	0
North Cowichan	000000004065	092B0724329	FLYNN	Not recorded	COWICHAN Land District	other	39,792

Electoral Area/ Municipality	Tag Number	BCGS Mapsheet	Owner	Street Address	Land District	Well Use	Reported Yield (m ³ /year)
North Cowichan	00000004067	092B0724325	ST PETERS CHURCH	Not recorded	COWICHAN Land District	domestic	79,584
North Cowichan	00000004068	092B0724324	MOURAN	Not recorded	COWICHAN Land District	domestic	0
North Cowichan	00000004069	092B0724312	Not recorded	Not recorded	QUAMICHAN Land District	unknown	0
North Cowichan	00000004070	092B0723141	WOLTER	Not recorded	QUAMICHAN Land District	unknown	0
North Cowichan	00000004071	092B07243210	GREEN	Not recorded	COWICHAN Land District	domestic	0
North Cowichan	00000004077	092B0724326	BRENTON	Not recorded	COWICHAN Land District	domestic	0
North Cowichan	00000004084	092B07231415	GARNETT MILLER	VIMY ROAD	QUAMICHAN Land District	unknown	995
North Cowichan	00000004085	092B0724327	MCCULLOCH	Not recorded	COWICHAN Land District	unknown	0
North Cowichan	00000004088	092B0724341	HAMILTON	Not recorded	COMIAKEN Land District	Domestic	0
North Cowichan	00000004089	092B0723327	Not recorded	Not recorded	QUAMICHAN Land District	unknown	0
North Cowichan	00000004091	092B0724433	BRADBROOK	Not recorded	COMIAKEN Land District	unknown	1,990
North Cowichan	00000004092	092B0724342	J H SPEER	Not recorded	COMIAKEN Land District	Unknown	0
North Cowichan	00000004095	092B0724335	C F FERNIE	Not recorded	SOMENOS Land District	Unknown	0
North Cowichan	00000004097	092B07243411	J GREAVE	Not recorded	COMIAKEN Land District	domestic	0
North Cowichan	00000004100	092B0723439	LUCIUS J HAMILTON	Not recorded	QUAMICHAN Land District	Domestic	0
North Cowichan	00000004101	092B0723416	GWYN	Not recorded	QUAMICHAN Land District	unknown	0
North Cowichan	00000004108	092B0723433	Not recorded	Not recorded	SOMENOS Land District	not in use	0
North Cowichan	00000004115	092B0723322	Not recorded	Not recorded	QUAMICHAN Land District	unknown	0
North Cowichan	00000004117	092B0723345	Unknown	Not recorded	SOMENOS Land District	Unknown	0
North Cowichan	00000004119	092B07234313	Not recorded	Not recorded	QUAMICHAN Land District	not in use	0
North Cowichan	00000004120	092B0724349	OBRIAN	Not recorded	COMIAKEN Land District	domestic	0
North Cowichan	00000004121	092B07243310	W MUNROE	Not recorded	SOMENOS Land District	Unknown	0
North Cowichan	00000004125	092B07243410	Not recorded	Not recorded	COMIAKEN Land District	Unknown	0
North Cowichan	00000004127	092B0723414	W J CURRY	Not recorded	QUAMICHAN Land District	unknown	0
North Cowichan	00000004134	092B0724344	BLANC	Not recorded	COWICHAN Land District	Unknown	0
North Cowichan	00000004138	092B0724348	LAKE VIEW MANOR RH	Not recorded	COMIAKEN Land District	unknown	79,584
North Cowichan	00000004143	092B0724338	R TULL	Not recorded	SOMENOS Land District	Unknown	0
North Cowichan	00000004144	092B0724339	MACDONALD	Not recorded	SOMENOS Land District	Unknown	0
North Cowichan	00000004149	092B0723323	Not recorded	Not recorded	QUAMICHAN Land District	unknown	0
North Cowichan	00000004154	092B0724331	Not recorded	Not recorded	QUAMICHAN Land District	not in use	0
North Cowichan	00000004155	092B0723311	SAM BENNETT	Not recorded	QUAMICHAN Land District	unknown	6,964

Electoral Area/ Municipality	Tag Number	BCGS Mapsheet	Owner	Street Address	Land District	Well Use	Reported Yield (m ³ /year)
North Cowichan	00000004157	092B0724323	MOFFATT	Not recorded	COWICHAN Land District	domestic	0
North Cowichan	00000004162	092B0724333	Not recorded	Not recorded	SOMENOS Land District	not in use	0
North Cowichan	00000004166	092B0723146	Not recorded	Not recorded	QUAMICHAN Land District	unknown	0
North Cowichan	00000004167	092B0724343	DAVIDSON	Not recorded	COMIAKEN Land District	Domestic	0
North Cowichan	00000004175	092B0723145	Not recorded	Not recorded	QUAMICHAN Land District	unknown	0
North Cowichan	00000004177	092B07234115	A EMERY	EVANS ROAD	SOMENOS Land District	unknown	7,958
North Cowichan	00000004178	092B0723328	SCOTT	Not recorded	QUAMICHAN Land District	unknown	0
North Cowichan	00000004179	092B07234314	Not recorded	Not recorded	SOMENOS Land District	not in use	0
North Cowichan	00000004180	092B07234113	AUCHENACHIE	Not recorded	QUAMICHAN Land District	unknown	0
North Cowichan	00000004182	092B0723412	Not recorded	Not recorded	QUAMICHAN Land District	unknown	0
North Cowichan	00000004190	092B07243413	H BAZETT	Not recorded	COWICHAN Land District	unknown	0
North Cowichan	00000004193	092B0724431	R L PERKINS	Not recorded	COMIAKEN Land District	unknown	0
North Cowichan	00000004195	092B0723431	Not recorded	Not recorded	QUAMICHAN Land District	not in use	0
North Cowichan	00000004197	092B0724347	GILLMAN	Not recorded	COWICHAN Land District	domestic	0
North Cowichan	00000004198	092B0724345	LE QUESNEL	Not recorded	COWICHAN Land District	Domestic	1,990
North Cowichan	00000004199	092B0724334	Not recorded	Not recorded	SOMENOS Land District	not in use	0
North Cowichan	00000004201	092B0723432	Not recorded	Not recorded	QUAMICHAN Land District	not in use	0
North Cowichan	00000004202	092B07231416	Not recorded	Not recorded	QUAMICHAN Land District	unknown	0
North Cowichan	00000004203	092B07243416	HAYWARD	Not recorded	COMIAKEN Land District	unknown	0
North Cowichan	00000004205	092B07234315	Not recorded	Not recorded	SOMENOS Land District	not in use	0
North Cowichan	00000004206	092B0723437	Not recorded	Not recorded	SOMENOS Land District	not in use	0
North Cowichan	00000004209	092B0724322	A CUMMINGS	Not recorded	QUAMICHAN Land District	domestic	0
North Cowichan	00000004210	092B0723417	Not recorded	Not recorded	SOMENOS Land District	Unknown	0
North Cowichan	00000004217	092B0723436	Not recorded	Not recorded	SOMENOS Land District	not in use	0
North Cowichan	00000004223	092B0723325	Not recorded	Not recorded	QUAMICHAN Land District	unknown	0
North Cowichan	00000004229	092B07243212	HAXTHOW	Not recorded	COWICHAN Land District	Domestic	0
North Cowichan	00000005572	092B08212326	C PARKER	Not recorded	SOMENOS Land District	unknown	39,792
North Cowichan	00000007396	092B08221413	BUNNY	Not recorded	COMIAKEN Land District	unknown	0
North Cowichan	00000007400	092B08212312	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007401	092B08221418	P CHAPMAN	Not recorded	COMIAKEN Land District	unknown	9,948
North Cowichan	00000007403	092B08221420	Not recorded	Not recorded	COMIAKEN Land District	unknown	0

Electoral Area/ Municipality	Tag Number	BCGS Mapsheet	Owner	Street Address	Land District	Well Use	Reported Yield (m ³ /year)
North Cowichan	00000007405	092B08212115	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007406	092B08221423	BAILEY	Not recorded	COMIAKEN Land District	domestic	0
North Cowichan	00000007407	092B08221424	GANDERTON	Not recorded	COMIAKEN Land District	domestic	0
North Cowichan	00000007408	092B08221425	R KAUFMANN	Not recorded	COMIAKEN Land District	unknown	3,979
North Cowichan	00000007410	092B0822123	ARNOLD	Not recorded	COMIAKEN Land District	unknown	0
North Cowichan	00000007414	092B08221431	H VAUX	Not recorded	COMIAKEN Land District	unknown	1,990
North Cowichan	00000007418	092B0821236	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007420	092B0822122	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007421	092B0821231	LLOYD	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007423	092B0822211	P STONE	Not recorded	COMIAKEN Land District	domestic	0
North Cowichan	00000007424	092B0822212	WOHLEN	Not recorded	COMIAKEN Land District	domestic	0
North Cowichan	00000007425	092B0822213	NIELSON	Not recorded	COMIAKEN Land District	domestic	198,961
North Cowichan	00000007426	092B0822214	WOLFE	Not recorded	COMIAKEN Land District	domestic	0
North Cowichan	00000007427	092B0822216	J AITKEN	Not recorded	COMIAKEN Land District	domestic	238,753
North Cowichan	00000007428	092B08212443	G ROLFE	Not recorded	SOMENOS Land District	unknown	3,581
North Cowichan	00000007429	092B0822218	VIC PALMER	Not recorded	COMIAKEN Land District	unknown	0
North Cowichan	00000007432	092B08222111	R ADAMS	Not recorded	COMIAKEN Land District	unknown	0
North Cowichan	00000007433	092B0822221	P E PRATT	Not recorded	COMIAKEN Land District	domestic	0
North Cowichan	00000007437	092B08212213	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007440	092B0822233	BAZETT	Not recorded	COMIAKEN Land District	domestic	0
North Cowichan	00000007442	092B0822235	G WHITTAKER	ESCARPMENT WAY	COMIAKEN Land District	domestic	3,979
North Cowichan	00000007443	092B0822236	L W LARSON	Not recorded	COMIAKEN Land District	unknown	0
North Cowichan	00000007444	092B0822237	MCPHERSON	Not recorded	COMIAKEN Land District	unknown	0
North Cowichan	00000007445	092B0822238	KAUFMANN	Not recorded	COMIAKEN Land District	domestic	0
North Cowichan	00000007449	092B08222312	FLETT	Not recorded	COMIAKEN Land District	domestic	0
North Cowichan	00000007450	092B0822131	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007451	092B0821239	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007453	092B0821244	A E ELLIOTT	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007455	092B08212212	T W WOODS	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007459	092B0821217	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007461	092B08212425	Not recorded	Not recorded	SOMENOS Land District	unknown	0

Electoral Area/ Municipality	Tag Number	BCGS Mapsheet	Owner	Street Address	Land District	Well Use	Reported Yield (m ³ /year)
North Cowichan	00000007463	092B08212426	R G BELL	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007471	092B0822311	DOUGLAS HAYES	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007472	092B0822312	ROY E DOTY	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007474	092B0822314	GAMBLE	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007475	092B0822315	J ROBISON	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007478	092B0822318	R E DOTY	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007479	092B08214221	DODDS & MCNEIL	MAYS RD & ISLAND HWY	SOMENOS Land District	unknown	3,979
North Cowichan	00000007485	092B0822321	CARSON	Not recorded	COMIAKEN Land District	unknown	0
North Cowichan	00000007486	092B0822322	WILLIAM VAN EUWEN	Not recorded	COMIAKEN Land District	domestic	0
North Cowichan	00000007487	092B0822323	HOFFMAN	Not recorded	COMIAKEN Land District	unknown	0
North Cowichan	00000007489	092B08212221	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007490	092B0821218	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007495	092B08221412	CHAPMAN	Not recorded	COMIAKEN Land District	unknown	0
North Cowichan	00000007498	092B0821447	GALLUPE	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007500	092B0821246	W SKED	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007503	092B0822148	TREHERNE	Not recorded	COMIAKEN Land District	domestic	0
North Cowichan	00000007506	092B0821247	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007510	092B08212218	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007512	092B0822144	CROSSEN	Not recorded	COMIAKEN Land District	unknown	0
North Cowichan	00000007513	092B0821424	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007514	092B0821228	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007517	092B0821428	LONSDALE	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007524	092B0822413	W H S HUNT	Not recorded	COMIAKEN Land District	unknown	0
North Cowichan	00000007530	092B08212211	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007531	092B0821211	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007532	092B0822113	C B WILLSON	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007540	092B08212417	HIGHMOOR	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007544	092B0821235	J SHARP	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007549	092B0821241	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007553	092B08214214	NEIL PACK	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007556	092B08212319	Not recorded	Not recorded	SOMENOS Land District	unknown	0

Electoral Area/ Municipality	Tag Number	BCGS Mapsheet	Owner	Street Address	Land District	Well Use	Reported Yield (m³/year)
North Cowichan	00000007557	092B0822133	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007558	092B08212214	C R BAZETT	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007559	092B08212430	MARTIME SERVICE STN	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007561	092B08212431	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007562	092B08212223	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007565	092B08212220	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007570	092B08221411	TYERMAN	Not recorded	COMIAKEN Land District	domestic	0
North Cowichan	00000007573	092B08212424	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007577	092B0821215	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007578	092B08214215	J H FRY	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007584	092B0821214	LEWIS HOLDEN	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007590	092B08212219	BELWHA KENNELS	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007591	092B0822146	V L STANLEY-JONES	Not recorded	COMIAKEN Land District	unknown	0
North Cowichan	00000007594	092B0822139	J H MOORE	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007602	092B0821222	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007605	092B0821448	GORLE	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007613	092B08212226	J FARSBY	Not recorded	SOMENOS Land District	unknown	1,990
North Cowichan	00000007619	092B0822115	GEORGE TABNU	Not recorded	SOMENOS Land District	unknown	39,792
North Cowichan	00000007621	092B08212229	A K JOWANT	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007627	092B0821234	BURNSIDE	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007629	092B0821216	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007632	092B0821429	J H FRY	Not recorded	SOMENOS Land District	Unknown	27,854
North Cowichan	00000007643	092B08212217	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007644	092B0821223	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007654	092B0821224	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007657	092B08212429	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007659	092B08212419	CLIVE JUSTICE	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007660	092B08212222	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007664	092B0821233	LACHMAN	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007668	092B08221110	JAMES H TAYLOR	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007669	092B08212420	TOM GIBSON	Not recorded	SOMENOS Land District	unknown	0

Electoral Area/ Municipality	Tag Number	BCGS Mapsheet	Owner	Street Address	Land District	Well Use	Reported Yield (m³/year)
North Cowichan	00000007672	092B0821212	JACK A SHANEMAN	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007678	092B0821425	WHITTAKER	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007681	092B0821237	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007697	092B08212216	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007700	092B08214212	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007710	092B08212418	E JOHNSON	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007714	092B0821245	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007715	092B08212422	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007716	092B0821421	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007718	092B08212317	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007720	092B08212421	HEMSLOW	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007729	092B08212215	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007731	092B0821229	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007733	092B0821221	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007742	092B0821243	COUPLAND	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007744	092B0821242	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007748	092B08212410	R E LUNDAHL	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007750	092B08212318	HOWARTH	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007751	092B08214213	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007755	092B08221312	TEST HOLE	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007757	092B08212415	MARTIN	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007759	092B0821232	E E SMART	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007760	092B08212114	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007762	092B08212423	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007764	092B08212411	FRANK WATSON	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007771	092B0821249	GEO SINCLAIR	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007772	092B0822147	PAQUETTE	Not recorded	COMIAKEN Land District	domestic	0
North Cowichan	00000007774	092B0822114	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007778	092B0821213	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007782	092B08212414	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007783	092B08212321	Not recorded	Not recorded	SOMENOS Land District	unknown	0

Electoral Area/ Municipality	Tag Number	BCGS Mapsheet	Owner	Street Address	Land District	Well Use	Reported Yield (m³/year)
North Cowichan	00000007785	092B08212313	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007787	092B08221111	GOMMIE	Not recorded	SOMENOS Land District	unknown	119,376
North Cowichan	00000007788	092B08214211	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007789	092B08214219	J LOMAS	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007794	092B0822143	R DUNCAN	Not recorded	COMIAKEN Land District	domestic	0
North Cowichan	00000007795	092B0822117	BROOM	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007796	092B0821248	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007798	092B08212210	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007799	092B0821225	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007801	092B0822125	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007803	092B0821226	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007811	092B08212416	GEO SINCLAIR	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007813	092B08212316	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007815	092B0821238	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007817	092B08212117	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007818	092B0822134	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007820	092B08212412	FRANCIS KLEIN	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007825	092B0821423	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007828	092B08221310	B C WALKER	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007831	092B0822132	J B METCALF	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007832	092B08212436	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007834	092B08214218	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007835	092B08212432	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007839	092B08212112	WATSON	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007843	092B08212110	LEWIS HOLDEN	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000007844	092B08212116	SAVILLE	Not recorded	SOMENOS Land District	Unknown	0
North Cowichan	00000007846	092B0821219	Not recorded	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000013534	092B07243412	NEW HAM	Not recorded	COWICHAN Land District	unknown	0
North Cowichan	00000013716	092B07234110	CONNOLLY	Not recorded	QUAMICHAN Land District	unknown	0
North Cowichan	00000013967	092B08212111	MCEWAN	Not recorded	SOMENOS Land District	unknown	2,785
North Cowichan	00000014050	092B08212113	GAUNS	Not recorded	SOMENOS Land District	unknown	6,367

Electoral Area/ Municipality	Tag Number	BCGS Mapsheet	Owner	Street Address	Land District	Well Use	Reported Yield (m ³ /year)
North Cowichan	000000014290	092B07234316	EVANS	Not recorded	QUAMICHAN Land District	Unknown	2,984
North Cowichan	000000014852	092B08212118	V DEAN	Not recorded	SOMENOS Land District	unknown	995
North Cowichan	000000014880	092B0723342	W E OLSON	Not recorded	QUAMICHAN Land District	Unknown	3,979
North Cowichan	000000014900	092B07243414	A P ISMAY	Not recorded	COMIAKEN Land District	unknown	0
North Cowichan	000000014903	092B07233410	COWICHAN SCHOOL #65	Not recorded	SOMENOS Land District	Unknown	4,974
North Cowichan	000000015096	092B0822119	M ROCHONTS	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	000000015098	092B08212439	J OLTENAU	Not recorded	SOMENOS Land District	unknown	2,586
North Cowichan	000000015499	092B08212320	M WILSON	Not recorded	SOMENOS Land District	unknown	995
North Cowichan	000000015500	092B08212227	P MARCHAND	Not recorded	SOMENOS Land District	unknown	4,974
North Cowichan	000000015502	092B08222310	COOTES	Not recorded	COMIAKEN Land District	unknown	358,129
North Cowichan	000000015597	092B0723348	LARSEN	Not recorded	QUAMICHAN Land District	Unknown	9,948
North Cowichan	000000015641	092B07234317	BAWA SINGH	Not recorded	SOMENOS Land District	Unknown	995
North Cowichan	000000015648	092B0822149	EDWARDS	Not recorded	COMIAKEN Land District	domestic	995
North Cowichan	000000015657	092B0723418	POSEHN	Not recorded	QUAMICHAN Land District	domestic	995
North Cowichan	000000015826	092B08212119	L STEWART	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	000000015827	092B0822112	TOM BILTELT	Not recorded	SOMENOS Land District	unknown	5,969
North Cowichan	000000015830	092B08212433	DEXTER	Not recorded	SOMENOS Land District	domestic	7,958
North Cowichan	000000015831	092B0822232	E M RICHARDSON	Not recorded	COMIAKEN Land District	domestic	0
North Cowichan	000000016438	092B08212228	O A ANDERSON	Not recorded	SOMENOS Land District	unknown	1,990
North Cowichan	000000016439	092B08212225	R GRANT	Not recorded	SOMENOS Land District	unknown	15,917
North Cowichan	000000016441	092B08212325	H SANDERS	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	000000016570	092B08221419	Not recorded	Not recorded	COMIAKEN Land District	unknown	5,969
North Cowichan	000000016603	092B0822219	DR MCKENZIE	Not recorded	COMIAKEN Land District	unknown	1,990
North Cowichan	000000016604	092B08212324	H SANDERS	Not recorded	SOMENOS Land District	domestic	3,979
North Cowichan	000000016660	092B0724411	CATHOLIC RECTORY	Not recorded	COWICHAN Land District	domestic	19,896
North Cowichan	000000016829	092B08214217	J WEST	Not recorded	SOMENOS Land District	unknown	398
North Cowichan	000000016830	092B08212230	SUCHAN SINGH	Not recorded	SOMENOS Land District	unknown	9,948
North Cowichan	000000016832	092B0822239	SKOVBARD	Not recorded	COMIAKEN Land District	unknown	0
North Cowichan	000000016834	092B08212427	THUNDERBIRD INDUSTRI	Not recorded	SOMENOS Land District	unknown	11,938
North Cowichan	000000017065	092B08214223	MUN OF N COWICHAN	Not recorded	SOMENOS Land District	unknown	19,896
North Cowichan	000000017068	092B0723329	SD 65 COWICHAN	Not recorded	QUAMICHAN Land District	unknown	0

Electoral Area/ Municipality	Tag Number	BCGS Mapsheet	Owner	Street Address	Land District	Well Use	Reported Yield (m³/year)
North Cowichan	00000017114	092B0723441	A LLOYD	Not recorded	SOMENOS Land District	Domestic	995
North Cowichan	00000017130	092B08212120	J H MEREDETE JONES	Not recorded	SOMENOS Land District	unknown	995
North Cowichan	00000017132	092B0723422	CITY OF DUNCAN TW 1	Not recorded	QUAMICHAN Land District	other	596,882
North Cowichan	00000018065	092B08212428	PAUL M BRAMMALL	Not recorded	SOMENOS Land District	unknown	2,984
North Cowichan	00000018122	092B07231417	IAN JONES	Not recorded	QUAMICHAN Land District	unknown	19,896
North Cowichan	00000018219	092B08212435	A DAWSLEY	Not recorded	SOMENOS Land District	unknown	1,990
North Cowichan	00000018238	092B0724328	SAM YATES	CAMPBELL	COWICHAN Land District	unknown	1,990
North Cowichan	00000018695	092B08212232	WEIR SMA	DRINKWATER RD	SOMENOS Land District	unknown	3,979
North Cowichan	00000018717	092B08212413	JIM PLUNET	Not recorded	SOMENOS Land District	unknown	995
North Cowichan	00000018718	092B08214224	SOMENOS SCHOOL	Not recorded	SOMENOS Land District	unknown	5,969
North Cowichan	00000018787	092B08212224	C VAN JARVELD	Not recorded	SOMENOS Land District	unknown	5,969
North Cowichan	00000018799	092B08221422	R KAUFMANN	Not recorded	COMIAKEN Land District	unknown	4,974
North Cowichan	00000018800	092B08214216	ANDY MCNEILL	Not recorded	SOMENOS Land District	unknown	5,969
North Cowichan	00000018883	092B07234318	GEORGE CHESTER	Not recorded	QUAMICHAN Land District	Domestic	19,896
North Cowichan	00000019091	092B08212434	GEORGE ROLFE	Not recorded	SOMENOS Land District	unknown	3,979
North Cowichan	00000019255	092B08212442	EMILE VIALA	Not recorded	SOMENOS Land District	unknown	597
North Cowichan	00000019256	092B08222311	T Y BAZETT	Not recorded	COMIAKEN Land District	unknown	0
North Cowichan	00000019257	092B08222110	D MACADAMS	Not recorded	COMIAKEN Land District	unknown	169,117
North Cowichan	00000019258	092B08212440	WALTER LARRER	Not recorded	SOMENOS Land District	unknown	4,974
North Cowichan	00000019289	092B08212322	GEORGE FRASER	Not recorded	SOMENOS Land District	unknown	1,393
North Cowichan	00000019290	092B0821227	MUSEUM FOREST	Not recorded	SOMENOS Land District	other	4,974
North Cowichan	00000019366	092B07231322	A LEGER	Not recorded	QUAMICHAN Land District	unknown	3,979
North Cowichan	00000019444	092B08212323	W F RICHTER	Not recorded	SOMENOS Land District	unknown	995
North Cowichan	00000019446	092B08221318	PETER KING	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000019485	092B08212233	MARSHALL	Not recorded	SOMENOS Land District	unknown	15,917
North Cowichan	00000019486	092B08212234	CLIFF SELLERS	Not recorded	SOMENOS Land District	unknown	11,938
North Cowichan	00000019487	092B08212121	C THORNE	Not recorded	SOMENOS Land District	unknown	15,917
North Cowichan	00000019548	092B08212235	JOHN PADDLE	Not recorded	SOMENOS Land District	unknown	2,984
North Cowichan	00000019622	092B07243111	MUN OF N COWICHAN #1	Not recorded	QUAMICHAN Land District	unknown	0
North Cowichan	00000019623	092B0724317	MUN OF N COWICHAN #3	Not recorded	QUAMICHAN Land District	unknown	119,376
North Cowichan	00000019744	092B08212441	ROBSON (BECAN CAFE)	Not recorded	SOMENOS Land District	unknown	597

Electoral Area/ Municipality	Tag Number	BCGS Mapsheet	Owner	Street Address	Land District	Well Use	Reported Yield (m ³ /year)
North Cowichan	00000019801	092B0724315	MUN OF N COWICHAN #2	Not recorded	QUAMICHAN Land District	unknown	0
North Cowichan	00000019833	092B07243311	PINK	Not recorded	SOMENOS Land District	Unknown	5,969
North Cowichan	00000019908	092B08212437	J HASLOM	OFF HERD	SOMENOS Land District	unknown	2,984
North Cowichan	00000019936	092B07243110	MUN OF N COWICHAN	BEVERLY ST	QUAMICHAN Land District	unknown	1,293,244
North Cowichan	00000020029	092B0822141	HOWARD VAUX	HERD RD	SOMENOS Land District	unknown	1,990
North Cowichan	00000020042	092B0821427	BC HYDRO	BC HYDRO	SOMENOS Land District	unknown	3,979
North Cowichan	00000020090	092B08221427	JOHNSON	Not recorded	COMIAKEN Land District	unknown	1,990
North Cowichan	00000020201	092B08221415	DEE SHOOLINGIN	TOM WINDSOR RD	SOMENOS Land District	unknown	39,792
North Cowichan	00000020264	092B0821426	BC HYDRO	HYDRO PROJECT	SOMENOS Land District	unknown	9,948
North Cowichan	00000020271	092B0822121	F SEIFERT	Not recorded	SOMENOS Land District	unknown	7,958
North Cowichan	00000020573	092B0821422	JENKINS	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000020574	092B08214210	JENKINS	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000020614	092B0821412	H ELZINGA	Not recorded	SOMENOS Land District	unknown	79,584
North Cowichan	00000020645	092B08214222	HARVEY DOBBES	Not recorded	SOMENOS Land District	unknown	2,984
North Cowichan	00000020954	092B07234210	MUN OF N COWICHAN	Not recorded	QUAMICHAN Land District	unknown	0
North Cowichan	00000020955	092B0723429	MUN OF N COWICHAN	Not recorded	QUAMICHAN Land District	unknown	0
North Cowichan	00000020956	092B0723425	MUN OF N COWICHAN	Not recorded	QUAMICHAN Land District	unknown	0
North Cowichan	00000020957	092B0723428	MUN OF N COWICHAN	Not recorded	QUAMICHAN Land District	unknown	0
North Cowichan	00000020958	092B0723427	MUN OF N COWICHAN	Not recorded	QUAMICHAN Land District	unknown	0
North Cowichan	00000020959	092B0723426	MUN OF N COWICHAN	Not recorded	QUAMICHAN Land District	unknown	0
North Cowichan	00000021167	092B0723321	GOULDING	Not recorded	QUAMICHAN Land District	unknown	0
North Cowichan	00000021533	092B0822126	JOHN PITE	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000021839	092B0822411	R CARBERRY	OSBORNE BAY RD	COMIAKEN Land District	unknown	3,979
North Cowichan	00000021921	092B0724318	Not recorded	Not recorded	QUAMICHAN Land District	unknown	397,921
North Cowichan	00000021981	092B0723347	MARGARET LEAKEY	SAHTLAM RD.	SOMENOS Land District	Unknown	1,990
North Cowichan	00000022169	092B0822336	BOB NORCROSS	Not recorded	SOMENOS Land District	unknown	29,844
North Cowichan	00000022394	092B07234118	GIBBONS RD TRAILER P	Not recorded	QUAMICHAN Land District	unknown	79,584
North Cowichan	00000022957	092B0822313	GEORGE HIGHMOORE	Not recorded	SOMENOS Land District	unknown	9,948
North Cowichan	00000023307	092B08222313	VIC HICKS	Not recorded	COMIAKEN Land District	unknown	0
North Cowichan	00000023317	092B08221416	JOHN COMER	Not recorded	SOMENOS Land District	unknown	0
North Cowichan	00000023692	092B08222314	M NICOL	Not recorded	COMIAKEN Land District	unknown	5,969

Electoral Area/ Municipality	Tag Number	BCGS Mapsheet	Owner	Street Address	Land District	Well Use	Reported Yield (m ³ /year)
North Cowichan	00000023923	092B08214227	BRIAN HAYNES	MAYS RD	SOMENOS Land District	domestic	1,990
North Cowichan	00000024083	092B08221319	DAVID WRIGHT	Not recorded	SOMENOS Land District	unknown	1,592
North Cowichan	00000024503	092B07243415	KEN ARMOUR	COWICHAN BAY	COMIAKEN Land District	unknown	15,917
North Cowichan	00000024847	092B0822111	WRIGHT	Not recorded	SOMENOS Land District	unknown	9,948
North Cowichan	00000024855	092B07234111	BOLTON	Not recorded	QUAMICHAN Land District	unknown	49,740
North Cowichan	00000024957	092B0822118	R ROMULD	Not recorded	SOMENOS Land District	unknown	3,979
North Cowichan	00000025102	092B08212310	SVEN CLAUSEN	Not recorded	SOMENOS Land District	unknown	7,958
North Cowichan	00000025230	092B08223113	GORDON WEST	Not recorded	SOMENOS Land District	unknown	995
North Cowichan	00000025287	092B07234114	D FOSHER	Not recorded	QUAMICHAN Land District	unknown	13,927
North Cowichan	00000025488	092B07233116	G TAYLOR	Not recorded	SAHTLAM Land District	unknown	0
North Cowichan	00000025553	092B08221112	HYDES	Not recorded	SOMENOS Land District	unknown	9,948
North Cowichan	00000025555	092B0821417	PAKALUK	Not recorded	SOMENOS Land District	unknown	3,979
North Cowichan	00000025780	092B07231411	R C NASTROM	GIBBONS RD	QUAMICHAN Land District	unknown	29,844
North Cowichan	00000025784	092B0723312	L C SMITH	Not recorded	QUAMICHAN Land District	unknown	0
North Cowichan	00000026091	092B07233117	GARY SUTHERLAND	MENZIES RD, OFF GIBBONS	SAHTLAM Land District	unknown	19,896
North Cowichan	00000026122	092B0723419	GILLESPIE	CURRIE ROAD	QUAMICHAN Land District	unknown	0
North Cowichan	00000026474	092B0822116	A WILSON	CALAIS RD	SOMENOS Land District	unknown	3,979
North Cowichan	00000027228	092B08221114	F ZANTYOORT	Not recorded	SOMENOS Land District	unknown	79,584
North Cowichan	00000027346	092B08214220	CECIL FISK	BRADSHAW RD	SOMENOS Land District	unknown	3,979
North Cowichan	00000027407	092B0723131	J R MCDONALD	GIBBINS RD	QUAMICHAN Land District	unknown	7,958
North Cowichan	00000027415	092B07231410	PAT SHAW	GIBBENS RD	QUAMICHAN Land District	unknown	1,990
North Cowichan	00000027433	092B0724319	DOWRY CONST	LEWIS ST	QUAMICHAN Land District	unknown	0
North Cowichan	00000027533	092B0723324	MONTE HALLAM	GIBBONS RD	QUAMICHAN Land District	unknown	39,792
North Cowichan	00000028037	092B07231436	GARNET MILLER	VIMY RD	QUAMICHAN Land District	unknown	19,896
North Cowichan	00000028436	092B08221113	DICK RODMAN	LAKES RD	SOMENOS Land District	unknown	995
North Cowichan	00000028505	092B0822138	E D WOODWARD	HERD RD	SOMENOS Land District	unknown	4,974
North Cowichan	00000028892	092B08221317	HELGE BAKENES	THESTCOTT & NORCROSS	SOMENOS Land District	unknown	5,969
North Cowichan	00000029030	092B0822128	MARTIN	STAMPE RD	COMIAKEN Land District	unknown	4,974
North Cowichan	00000029079	092B08221315	HAROLD HALL	WESTCOTT & NORCROSS	SOMENOS Land District	unknown	23,875
North Cowichan	00000029548	092B0723136	TROTMAN	NORMANDY RD OFF GIBBENS	QUAMICHAN Land District	unknown	39,792
North Cowichan	00000029573	092B0822124	FORBES	Not recorded	COMIAKEN Land District	unknown	3,979

Electoral Area/ Municipality	Tag Number	BCGS Mapsheet	Owner	Street Address	Land District	Well Use	Reported Yield (m ³ /year)
North Cowichan	00000029576	092B0822127	NORMAN J MARTIN	LAKES RD	COMIAKEN Land District	unknown	3,979
North Cowichan	00000029631	092B07234211	J SANDERSON	PIONEER PARK	QUAMICHAN Land District	other	706,310
North Cowichan	00000029633	092B07234212	J SANDERSON	PIONEER PARK	QUAMICHAN Land District	other	706,310
North Cowichan	00000030429	092B07231425	RAY HALLUM	Not recorded	QUAMICHAN Land District	unknown	19,896
North Cowichan	00000030582	092B08221313	GORDON	MAYS RD	SOMENOS Land District	unknown	7,958
North Cowichan	00000030588	092B08221320	D GAMBLE	NORCROSS & HERD	SOMENOS Land District	unknown	2,586
North Cowichan	00000030597	092B08212444	ANDY BARANIUK	HERD RD	SOMENOS Land District	unknown	995
North Cowichan	00000030613	092B08212446	CARL JOHANSON	WESTCOTT RD & HERD RD	SOMENOS Land District	unknown	15,917
North Cowichan	00000030668	092B0723349	ART JOHNSON	OLD LAKE COWICHAN RD	QUAMICHAN Land District	Unknown	5,969
North Cowichan	00000030949	092B07231428	GARNET MILLER	COREY RD	QUAMICHAN Land District	unknown	23,875
North Cowichan	00000030955	092B07231437	G MILLER	VIMY RD	QUAMICHAN Land District	unknown	9,948
North Cowichan	00000031313	092B08221311	E D WOODWARD	HERD RD	SOMENOS Land District	unknown	5,969
North Cowichan	00000031999	092B0723143	BOB KOPPS	VIMY RD	QUAMICHAN Land District	unknown	39,792
North Cowichan	00000032078	092B08214226	JOHN SIGWICK	MAYS RD	SOMENOS Land District	unknown	2,984
North Cowichan	00000032258	092B08222317	PICKERING CONSTRUCTI	Not recorded	COMIAKEN Land District	unknown	5,969
North Cowichan	00000032295	092B0822129	NOWARTH HORST	Not recorded	COMIAKEN Land District	unknown	9,948
North Cowichan	00000032484	092B08221421	GERRY KUSTERS	Not recorded	COMIAKEN Land District	unknown	995
North Cowichan	00000032776	092B08221430	TERRY GROUHEL	Not recorded	COMIAKEN Land District	unknown	1,990
North Cowichan	00000032796	092B08212311	J GROICHER	Not recorded	SOMENOS Land District	unknown	1,990
North Cowichan	00000032971	092B0822324	RENE LA ROSE	Not recorded	COMIAKEN Land District	unknown	7,958
North Cowichan	00000033086	092B08221434	B J CHAPESKI	HERD RD	COMIAKEN Land District	unknown	5,969
North Cowichan	00000033212	092B07234310	CHANAN S JOHAL	Not recorded	QUAMICHAN Land District	Unknown	995
North Cowichan	00000033217	092B07231422	GRANT DONALD G	Not recorded	QUAMICHAN Land District	unknown	9,948
North Cowichan	00000033300	092B08222322	FLET ERNEST	FLETT RD	COMIAKEN Land District	unknown	7,958
North Cowichan	00000033746	092B0723317	NOWICKI	MENZIES RD	QUAMICHAN Land District	unknown	3,979
North Cowichan	00000034215	092B08221410	KUSTERS	RICHARDS TRAIL	COMIAKEN Land District	unknown	0
North Cowichan	00000034237	092B0822317	INGHAM	RICHARD TRAIL	SOMENOS Land District	unknown	19,896
North Cowichan	00000034300	092B07231426	L HOGG	VIMY RD	QUAMICHAN Land District	unknown	59,688
North Cowichan	00000034330	092B0723144	TOM B MILLER	RIVER VIEW EST VIMY RD	QUAMICHAN Land District	unknown	15,917
North Cowichan	00000034353	092B08212314	S CLAUSEN	SOMENOS RD	SOMENOS Land District	unknown	5,969
North Cowichan	00000034398	092B0822332	BERT OUD	JACKSON VALLEY RD.	SOMENOS Land District	unknown	39,792

Electoral Area/ Municipality	Tag Number	BCGS Mapsheet	Owner	Street Address	Land District	Well Use	Reported Yield (m ³ /year)
North Cowichan	00000034574	092B0723147	JPJ CONSTRUCTION	WINCHESTER RD	QUAMICHAN Land District	unknown	29,844
North Cowichan	00000034615	092B07233414	CHARLIE DOUGAN	OLD AND NEW LAKE COWICHAN RD	SOMENOS Land District	Unknown	23,875
North Cowichan	00000035021	092B0723148	GARNET MILLER	COWICHAN RIVER ESTATES	QUAMICHAN Land District	unknown	5,969
North Cowichan	00000035200	092B0723415	HENRY PETERS	Not recorded	QUAMICHAN Land District	unknown	11,938
North Cowichan	00000035201	092B07231431	FRASER CONSTRUCTION	RIVERVIEW SUB	QUAMICHAN Land District	unknown	7,958
North Cowichan	00000035227	092B0822338	BERT OUD	Not recorded	SOMENOS Land District	unknown	3,979
North Cowichan	00000035241	092B07231412	J P J CONSTRUCTION	LANCHASTER RD	QUAMICHAN Land District	unknown	19,896
North Cowichan	00000035249	092B07231441	R CRAWFORD	VIMY RD	QUAMICHAN Land District	unknown	39,792
North Cowichan	00000035268	092B07231444	D BERG	GIBBONS RD	QUAMICHAN Land District	unknown	9,948
North Cowichan	00000035339	092B07231414	BEAVERIDGE DENNY C	COWICHAN RIVER ESTATES	QUAMICHAN Land District	unknown	14,922
North Cowichan	00000035427	092B0723339	W R HARRIS	Not recorded	SOMENOS Land District	Unknown	1,990
North Cowichan	00000035491	092B0822137	HAYES LOGGING COMPAN	MAYS RD	SOMENOS Land District	unknown	79,584
North Cowichan	00000035553	092B08214225	R MOIR	MAYS RD	SOMENOS Land District	unknown	3,979
North Cowichan	00000035666	092B07231418	B CLOUGH	CAMBRAI & LANCASTER	QUAMICHAN Land District	unknown	5,969
North Cowichan	00000035713	092B08222315	J MOECK	RICE & HERD RD	COMIAKEN Land District	unknown	1,990
North Cowichan	00000035730	092B0723149	BEAVERIDGE	COWICHAN RIVER EST	QUAMICHAN Land District	unknown	0
North Cowichan	00000035737	092B08222316	J MOECK	RICE & HERD RD	COMIAKEN Land District	unknown	1,990
North Cowichan	00000035817	092B07233415	T TROUSDALE	OLD LAKE COWICHAN RD	QUAMICHAN Land District	Unknown	5,969
North Cowichan	00000035851	092B07231447	SINT NICHOLAS CONST	VIMY RD	QUAMICHAN Land District	unknown	23,875
North Cowichan	00000035857	092B07233418	T TROUSDALE	OLD LAKE COWICHAN RD	QUAMICHAN Land District	Unknown	1,790,646
North Cowichan	00000036029	092B07231421	ROBT HAIGHT	VIMY RD	QUAMICHAN Land District	unknown	11,938
North Cowichan	00000036032	092B08221435	COWICHAN RUGBY CLUB	HERD RD	COMIAKEN Land District	unknown	1,990
North Cowichan	00000036119	092B07234312	CHANAN S JOHAL	Not recorded	QUAMICHAN Land District	Unknown	7,958
North Cowichan	00000036128	092B07231438	BRIER DICKINSON	COWICHAN RIVER EST	QUAMICHAN Land District	unknown	13,927
North Cowichan	00000036178	092B07231445	JPJ CONSTRUCTION	VIMY RD	QUAMICHAN Land District	unknown	29,844
North Cowichan	00000036551	092B07233416	T M SINGH	CASTLE RD OFF OLD LK COWICHAN	QUAMICHAN Land District	Unknown	23,875
North Cowichan	00000036599	092B07241348	MUN OF N COWICHAN	BETWEEN BOYS RD & COWICHAN R	QUAMICHAN Land District	domestic	3,979,212
North Cowichan	00000036609	092B0723344	DOUGAN EVANS	OLD AND NEW LAKE COWICHAN RD	SOMENOS Land District	Unknown	0
North Cowichan	00000036610	092B0723346	DOUGAN EVANS	OLD AND NEW LAKE COWICHAN RD	SOMENOS Land District	Unknown	0
North Cowichan	00000036611	092B07233411	DOUGAN EVANS	OLD AND NEW LAKE COWICHAN RD	SOMENOS Land District	Unknown	0
North Cowichan	00000036618	092B0822331	PHILIP ROTH	RICHARDS TRAIL	SOMENOS Land District	unknown	3,979

Electoral Area/ Municipality	Tag Number	BCGS Mapsheet	Owner	Street Address	Land District	Well Use	Reported Yield (m³/year)
North Cowichan	00000036650	092B07231446	JPJ CONSTRUCTION	VIMY RD	QUAMICHAN Land District	unknown	7,958
North Cowichan	00000036787	092B07231315	G K SCHMIDT	Not recorded	QUAMICHAN Land District	unknown	19,896
North Cowichan	00000036789	092B07231456	G K SCHMIDT	Not recorded	QUAMICHAN Land District	unknown	9,948
North Cowichan	00000036807	092B07231314	G K SCHMIDT	VIMY RD	QUAMICHAN Land District	unknown	2,984
North Cowichan	00000036839	092B07231318	G K SCHMIDT	Not recorded	SAHTLAM Land District	unknown	1,990
North Cowichan	00000036856	092B07231312	TROTMAN R	NORMANDY RD	QUAMICHAN Land District	unknown	5,969
North Cowichan	00000036872	092B07231455	G K SCHMIDT	Not recorded	QUAMICHAN Land District	unknown	29,844
North Cowichan	00000036962	092B07231419	J ARMSTRONG	COWICHAN RIVER ESTATES	QUAMICHAN Land District	unknown	4,974
North Cowichan	00000036964	092B07231423	J ARMSTRONG	COWICHAN RIVER ESTATES	QUAMICHAN Land District	unknown	4,974
North Cowichan	00000037033	092B07231440	JPJ CONSTRUCTION	STIRLING ESTATES	QUAMICHAN Land District	unknown	0
North Cowichan	00000037036	092B07233210	R STRANG	GIBBENS RD	QUAMICHAN Land District	unknown	11,938
North Cowichan	00000037056	092B07231420	MCPHEATORS DAVID	STIRLING ESTATES	QUAMICHAN Land District	unknown	0
North Cowichan	00000037146	092B07231430	JPJ CONSTRUCTION	STIRLING ESTATES	QUAMICHAN Land District	unknown	1,990
North Cowichan	00000037147	092B07231434	JPJ CONSTRUCTION	STIRLING ESTATES	QUAMICHAN Land District	unknown	0
North Cowichan	00000037473	092B07231439	JPJ CONSTRUCTION	STIRLING ESTATES	QUAMICHAN Land District	unknown	17,906
North Cowichan	00000037491	092B07231459	D MCPHEATORS	VIMY RD	QUAMICHAN Land District	unknown	2,984
North Cowichan	00000037600	092B07234116	J PARADIS	EVANS RD	SOMENOS Land District	unknown	5,969
North Cowichan	00000038843	092B07234124	DONNA HOLT	CURRIE RD	QUAMICHAN Land District	unknown	11,938
North Cowichan	00000039296	092B0822316	PHIL ROTH	RICHARD TRAIL	SOMENOS Land District	unknown	6,964
North Cowichan	00000039339	092B07231433	SINT NICHOLAS CONST	WINCHESTER RD	QUAMICHAN Land District	unknown	119,376
North Cowichan	00000039340	092B07231429	JPJ CONSTRUCTION	WINCHESTER RD	QUAMICHAN Land District	unknown	29,844
North Cowichan	00000039353	092B08223319	W VONDERVEEN	RICHARDS TRAIL	SOMENOS Land District	unknown	39,792
North Cowichan	00000039443	092B07243314	Not recorded	Not recorded	SOMENOS Land District	Unknown	3,979
North Cowichan	00000039444	092B07243313	DICKIE'S	TOWNEND RD	SOMENOS Land District	Unknown	5,969
North Cowichan	00000039642	092B08221314	JIM NORCROSS	MAY RD	SOMENOS Land District	unknown	7,958
North Cowichan	00000039731	092B0724336	JENSEN	INVERARITY RD	SOMENOS Land District	unknown	3,979
North Cowichan	00000040399	092B07231463	SINT NICHOLAS CONST	STERLING ESTATES	QUAMICHAN Land District	unknown	3,979
North Cowichan	00000040933	092B07231413	SINT NICHOLAS CONST	VINNY RD SUB	QUAMICHAN Land District	unknown	9,948
North Cowichan	00000042091	092B07231453	GUS SINTNICHOLAS CON	LANCHASTER RD	QUAMICHAN Land District	unknown	1,393
North Cowichan	00000042396	092B08212315	GLEN VIEW RANCHES	SOMENOS RD	SOMENOS Land District	unknown	5,969
North Cowichan	00000042680	092B07231457	SINT NICHOLAS CONST	LANCHASTER RD	QUAMICHAN Land District	unknown	0

Electoral Area/ Municipality	Tag Number	BCGS Mapsheet	Owner	Street Address	Land District	Well Use	Reported Yield (m ³ /year)
North Cowichan	00000042818	092B07243312	RON WHITEHOUSE	Not recorded	SOMENOS Land District	Unknown	1,990
North Cowichan	00000043034	092B07231449	R K FREEMAN	Not recorded	QUAMICHAN Land District	unknown	29,844
North Cowichan	00000043077	092B08222319	VICTOR HICKS	HERD & OSBORNE BAY RD	COMIAKEN Land District	unknown	995
North Cowichan	00000043117	092B07234119	POWELL CG LTD	GIBBINS ROAD	QUAMICHAN Land District	unknown	15,917
North Cowichan	00000043128	092B07234117	C G POWELL LTD	Not recorded	QUAMICHAN Land District	unknown	0
North Cowichan	00000043182	092B07231454	SINT NICHOLAS CONST	COW RIVER EST	QUAMICHAN Land District	unknown	1,990
North Cowichan	00000043404	092B08212447	G ROLFE	PRINCETON RD	SOMENOS Land District	domestic	13,927
North Cowichan	00000043463	092B0822319	CURRIE BRIAN	Not recorded	SOMENOS Land District	unknown	39,792
North Cowichan	00000043820	092B08222324	BRIAN THICKE	HERD RD	COMIAKEN Land District	domestic	2,984
North Cowichan	00000043872	092B07231460	JPJ CONSTRUCTION	COW RIVER ESTATES	QUAMICHAN Land District	unknown	3,979
North Cowichan	00000043886	092B07233213	HERBBIE CHEONG	Not recorded	QUAMICHAN Land District	unknown	39,792
North Cowichan	00000043955	092B0822231	DOUGAN	BAZETT RD	COMIAKEN Land District	domestic	3,979
North Cowichan	00000044251	092B0822329	R SCHMIDT REALTY	RICHARDS TRAIL RD	COMIAKEN Land District	domestic	4,974
North Cowichan	00000044252	092B0822343	G WHITTAKER	ESCARPMENT WAY	COMIAKEN Land District	domestic	9,948
North Cowichan	00000044411	092B07233211	DWIGHT COUSINS	GIBBINS RD	QUAMICHAN Land District	domestic	5,969
North Cowichan	00000044421	092B0822215	ARMINE PROPERTIES LT	PEMBERTEN LANE	COMIAKEN Land District	domestic	1,990
North Cowichan	00000044454	092B0822346	G WHITTAKER	ESCARPMENT WAY	COMIAKEN Land District	domestic	11,938
North Cowichan	00000044457	092B0822345	G WHITTAKER	ESCARPMENT WAY	COMIAKEN Land District	domestic	1,990
North Cowichan	00000044582	092B07233420	DUSTY BISSETT	OLD LAKE COWICHAN RD	QUAMICHAN Land District	Unknown	3,979
North Cowichan	00000044617	092B0821121	R J COUCH	DRINK WATER RD	SOMENOS Land District	domestic	0
North Cowichan	00000044706	092B07231427	JACQUELINE KALMAN	GIBBONS RD	QUAMICHAN Land District	domestic	0
North Cowichan	00000044741	092B07231470	D ELDER	WINCHESTER RD	QUAMICHAN Land District	domestic	15,917
North Cowichan	00000045224	092B07234121	D PARHAR	EVANS RD	SOMENOS Land District	domestic	13,927
North Cowichan	00000045690	092B07231232	BOB GALLAUGHER	HERITAGE RD	QUAMICHAN Land District	domestic	7,958
North Cowichan	00000045781	092B0723326	BOB FREEMAN	MENZIES ST	QUAMICHAN Land District	domestic	15,917
North Cowichan	00000045814	092B0822328	G K SCHMIDT REALTY	RICHARDS TRAIL	COMIAKEN Land District	domestic	2,984
North Cowichan	00000046159	092B08221436	PETER KING	HERD RD	COMIAKEN Land District	domestic	1,990
North Cowichan	00000046385	092B0822414	G WHITTAKER	ESCARPMENT WAY	COMIAKEN Land District	domestic	9,948
North Cowichan	00000046407	092B0822412	G WHITTAKER	ESCARPMENT RD	COMIAKEN Land District	domestic	3,979
North Cowichan	00000046453	092B0822135	STEVE YOUNG	MAYS RD	SOMENOS Land District	domestic	4,775
North Cowichan	00000046536	092B07231466	T MANGAT	WINCHESTER RD	QUAMICHAN Land District	unknown	19,896

Electoral Area/ Municipality	Tag Number	BCGS Mapsheet	Owner	Street Address	Land District	Well Use	Reported Yield (m ³ /year)
North Cowichan	000000046666	092B07233423	G MCCARTHY	CASTLEY RD	QUAMICHAN Land District	Domestic	2,984
North Cowichan	000000046672	092B07233421	G MCCARTHY	CASTLEY RD	QUAMICHAN Land District	Domestic	3,979
North Cowichan	000000046698	092B07233422	G MCCARTHY	CASTLEY RD	QUAMICHAN Land District	Domestic	19,896
North Cowichan	000000046747	092B0822327	CLEMENS	RICHARDS TRAIL	SOMENOS Land District	domestic	19,896
North Cowichan	000000046993	092B07231467	S ELZINGA	LANCHASTER DR	QUAMICHAN Land District	domestic	3,979
North Cowichan	000000046997	092B08212438	G K SCHMIDT	SPROTT RD	SOMENOS Land District	unknown	5,969
North Cowichan	000000047000	092B0822341	GEORGE WHITTAKER	ESCARPMENT WAY	COMIAKEN Land District	unknown	19,896
North Cowichan	000000047267	092B0822142	G PATERSON	TOM WINDSOR RD	SOMENOS Land District	domestic	5,969
North Cowichan	000000047353	092B08223211	GEORGE WHITTAKER	ESCARPMENT WAY	COMIAKEN Land District	unknown	7,958
North Cowichan	000000047531	092B07231458	H ELZINGA	CAMBRAI RD	QUAMICHAN Land District	domestic	13,927
North Cowichan	000000047537	092B07233216	BRIAN GRAFTON	VAN ROY RD	QUAMICHAN Land District	unknown	39,792
North Cowichan	000000047601	092B0822434	GEORGE WHITTAKER	ESCARPMENT WAY	COMIAKEN Land District	unknown	3,979
North Cowichan	000000047602	092B08223212	GEORGE WHITTAKER	ESCARPMENT WAY	COMIAKEN Land District	unknown	3,979
North Cowichan	000000047781	092B07231321	TAYLOR	4089 LANCASTER RD.	QUAMICHAN Land District	other	19,896
North Cowichan	000000047784	092B07231320	HORRIGAN	LANCASTER RD	QUAMICHAN Land District	unknown	13,927
North Cowichan	000000047954	092B07231468	BRIAN STOTT	WINCHESTER RD	QUAMICHAN Land District	domestic	7,958
North Cowichan	000000047969	092B07231462	A HOLS	LANCASTER RD	QUAMICHAN Land District	domestic	5,969
North Cowichan	000000047987	092B08221428	M HARMON	STAMPS RD	COMIAKEN Land District	domestic	1,990
North Cowichan	000000048140	092B0822342	GEORGE WHITTAKER	ESCARPMENT WAY	COMIAKEN Land District	unknown	3,979
North Cowichan	000000048210	092B0822431	GEORGE WHITTAKER	ESCARPMENT WAY	COMIAKEN Land District	unknown	3,979
North Cowichan	000000048531	092B07231465	PETER GRANTHAM	LANCASTER RD	QUAMICHAN Land District	domestic	3,979
North Cowichan	000000048550	092B07231461	ROSS PROUTY	CAMBRAI	QUAMICHAN Land District	domestic	11,938
North Cowichan	000000048618	092B07233212	ADRIAN BOUTIELLIER	MENZIES RD	QUAMICHAN Land District	unknown	5,969
North Cowichan	000000048664	092B0822344	GEORGE WHITTAKER	ESCARPMENT WAY	COMIAKEN Land District	domestic	1,393
North Cowichan	000000048674	092B08224312	A J HAMES	ESCARPMENT WAY	COMIAKEN Land District	domestic	17,906
North Cowichan	000000048676	092B08223210	LES WILLIAMS	RICHARDS TRAIL	COMIAKEN Land District	unknown	597
North Cowichan	000000048776	092B08221432	LES WILLIAMS	RICHARDS TRAIL	COMIAKEN Land District	domestic	3,979
North Cowichan	000000048830	092B07234120	EVERGREEN MOBILE HOM	GIBBONS RD	QUAMICHAN Land District	domestic	0
North Cowichan	000000048854	092B07234122	EVERGREEN MOBILE HOM	GIBBONS RD	QUAMICHAN Land District	unknown	0
North Cowichan	000000048867	092B07231432	J KALMAN	GIBBONS RD	QUAMICHAN Land District	domestic	29,844
North Cowichan	000000048903	092B07234112	PAT NELIGAN	GIBBINS RD	QUAMICHAN Land District	unknown	5,969

Electoral Area/ Municipality	Tag Number	BCGS Mapsheet	Owner	Street Address	Land District	Well Use	Reported Yield (m ³ /year)
North Cowichan	00000049268	092B07233412	LEN SIDOROFF	NORTH RD	SOMENOS Land District	Domestic	4,974
North Cowichan	00000049331	092B07233419	DALIWAL	OLD LAKE COWICHAN RD	QUAMICHAN Land District	Domestic	3,581
North Cowichan	00000049851	092B07233215	A VANDERVEEN	GIBBINS RD	QUAMICHAN Land District	domestic	15,917
North Cowichan	00000049852	092B07233214	A VANDERVEEN	GIBBINS RD	QUAMICHAN Land District	domestic	15,917
North Cowichan	00000049998	092B07234319	GURMET SALL	COWICHAN LAKE RD	QUAMICHAN Land District	Domestic	0
North Cowichan	00000049999	092B07234320	GURMET SALL	COWICHAN LAKE RD	QUAMICHAN Land District	Domestic	0
North Cowichan	00000050337	092B0723343	B JUDGE	OLD LAKE COWICHAN RD	SOMENOS Land District	Irrigation	99,480
North Cowichan	00000050594	092B0822325	S KRYSLER	TOM WINDSOR RD	SOMENOS Land District	domestic	2,984
North Cowichan	00000050636	092B07233220	D MUSGROVE	GIBBINS RD	QUAMICHAN Land District	domestic	39,792
North Cowichan	00000050655	092B07231450	J SLATER	GIBBINS RD	QUAMICHAN Land District	domestic	9,948
North Cowichan	00000050902	092B08222318	T Y BAZETT	BAZETT RD	COMIAKEN Land District	domestic	19,896
North Cowichan	00000050928	092B08221439	LEO WESELAK	LAKES RD	COMIAKEN Land District	domestic	0
North Cowichan	00000050929	092B08221438	LEO WESELAK	LAKES RD	COMIAKEN Land District	domestic	0
North Cowichan	00000050930	092B08221437	LEO WESELAK	LAKES RD	COMIAKEN Land District	domestic	0
North Cowichan	00000051026	092B08222325	E F FLETT	Not recorded	COMIAKEN Land District	domestic	597
North Cowichan	00000051027	092B08222326	FRED ROBBINS	HERD RD	COMIAKEN Land District	unknown	995
North Cowichan	00000051138	092B0822234	E F FLETT	FLETT RD	COMIAKEN Land District	domestic	4,974
North Cowichan	00000051896	092B07231443	D ROBINSON DERRICK	GIBBINS ROAD	QUAMICHAN Land District	domestic	2,984
North Cowichan	00000052010	092B07231442	TH TODD	GIBBINS RD	QUAMICHAN Land District	domestic	2,984
North Cowichan	00000052021	092B07231469	M GERGEL	LANCHASTER RD	QUAMICHAN Land District	domestic	9,948
North Cowichan	00000052274	092B07231451	WILLIAM AHOLA	COREY RD	QUAMICHAN Land District	domestic	19,896
North Cowichan	00000052281	092B08221321	PETER KING	NORCROSS RD	SOMENOS Land District	domestic	4,974
North Cowichan	00000052425	092B07233219	MARK WILLIAMS	VAN KOY RD	QUAMICHAN Land District	domestic	49,740
North Cowichan	00000052504	092B07231471	KEN O'CONNELL	LANCHASTER RD	QUAMICHAN Land District	domestic	7,958
North Cowichan	00000052813	092B0822326	G TUPPERT	RICE	COMIAKEN Land District	domestic	7,958
North Cowichan	00000053320	092B07233310	JOHN BROUWER	SAHTLAM RD	SOMENOS Land District	Domestic	19,896
North Cowichan	00000053414	092B07234123	EVERGREEN PLCE TRAIL	GIBBINS RD	QUAMICHAN Land District	domestic	0
North Cowichan	00000053679	092B07233417	WILFRED SORENSON	COWICHAN LAKE RD	QUAMICHAN Land District	Domestic	3,979
North Cowichan	00000053874	092B07243211	LATTER DAY SAINTS CH	TZOUHALEM RD	COWICHAN Land District	domestic	19,896
North Cowichan	00000053944	092B07233217	JACK BUCKLEE	VAN COY RD	QUAMICHAN Land District	domestic	39,792
North Cowichan	00000053949	092B08223111	BUZZ POWELL	RICHARDS TRAIL	SOMENOS Land District	irrigation	0

Electoral Area/ Municipality	Tag Number	BCGS Mapsheet	Owner	Street Address	Land District	Well Use	Reported Yield (m ³ /year)
North Cowichan	00000053950	092B08223112	BUZZ POWELL	RICHARDS TRAIL	SOMENOS Land District	irrigation	59,688
North Cowichan	00000053966	092B08223110	BISHOPS	RICHARDS TRAIL	SOMENOS Land District	domestic	39,792
North Cowichan	00000054043	092B0822415	C GLAUM	OSBOURNE BAY RD	COMIAKEN Land District	domestic	79,584
North Cowichan	00000054140	092B07233218	ED PAHL	GIBBONS RD	QUAMICHAN Land District	domestic	7,958
North Cowichan	00000054578	092B07234321	GURMET SALL	COWICHAN LAKE RD	QUAMICHAN Land District	Domestic	0
North Cowichan	00000055004	092B0822136	S M LACY	MAYS RD	SOMENOS Land District	domestic	19,896
North Cowichan	00000055481	092B08221433	HAROLD BLOOMFIELD	RICHARDS TRAIL	COMIAKEN Land District	domestic	7,958
North Cowichan	00000055678	092B0723341	HAMISH GIBSON	OLD LAKE COWICHAN ROAD	QUAMICHAN Land District	Domestic	2,984
North Cowichan	00000055773	092B08222320	JOSEPH B WHITAKER	OSBORNE WAY ROAD & HERD RD	COMIAKEN Land District	domestic	4,974
North Cowichan	00000056083	092B07233413	LEONARD SIDOROFF	NORTH RD	SOMENOS Land District	Domestic	7,958
North Cowichan	00000056149	092B0723337	ROGER CARR	OLD LAKE COWICHAN RD	QUAMICHAN Land District	Domestic	59,688
North Cowichan	00000056168	092B0822337	ROBERT E NORCROSS	MAYS ROAD	SOMENOS Land District	domestic	23,875
North Cowichan	00000056244	092B07233133	STAN LITTLE	MENZIES RD	SAHTLAM Land District	unknown	2,984
North Cowichan	00000056266	092B07233222	RALSTON RAHMER	GIBBINS RD	QUAMICHAN Land District	domestic	7,958
North Cowichan	00000056362	092B08221414	R HENDERSON	TOM WINDSOR RD	SOMENOS Land District	domestic	995
North Cowichan	00000056370	092B0822217	D J AITKEN	AITKEN ROAD	COMIAKEN Land District	domestic	3,979
North Cowichan	00000056396	092B08221417	R HENDERSON	TOM WINDSOR RD	SOMENOS Land District	domestic	0
North Cowichan	00000056397	092B08221429	R HENDERSON	TOM WINDSOR RD	COMIAKEN Land District	domestic	0
North Cowichan	00000056405	092B08221426	H FRASER	TOM WINDSOR RD	COMIAKEN Land District	domestic	5,969
North Cowichan	00000056415	092B08222321	BOB DOBSON	STAMPS ROAD	COMIAKEN Land District	domestic	1,990
North Cowichan	00000056475	092B0723319	PAUL SLEIGHT	MENZIES RD	QUAMICHAN Land District	domestic	5,969
North Cowichan	00000056490	092B0723413	HARDIAL ATWAL	END OF HOLIDAY LANE	QUAMICHAN Land District	domestic	0
North Cowichan	00000056491	092B07234311	HARDIAL ATWAL	HOLIDAY LANE	QUAMICHAN Land District	Domestic	3,979
North Cowichan	00000056493	092B07234322	FRED LOCKHART	HOLIDAY LANE	QUAMICHAN Land District	Domestic	11,938
North Cowichan	00000056704	092B07233312	J FLYNN	SAHTLAM RD	SOMENOS Land District	Unknown	1,990
North Cowichan	00000059193	092B07233221	D MUSGROVE	GIBBINS RD	QUAMICHAN Land District	domestic	39,792
North Cowichan	00000063020	092B08222327	ROCKY WHITTAKER	1352 HERD RD	COMIAKEN Land District	unknown	3,780
North Cowichan	00000063460	092B08212449	FAIVRE P	2827 SPROTT RD	SOMENOS Land District	domestic	9,948
North Cowichan	00000063475	092B07231474	LUDVIGSON ROYCE	5396 WINCHESTER RD	QUAMICHAN Land District	domestic	1,990
North Cowichan	00000063487	092B08221440	SEDGEWICK	7019 TOMWINDSOR RD	COMIAKEN Land District	domestic	1,990
North Cowichan	00000063498	092B07233149	WHITTAKER GARY	5815 MENZIES RD	QUAMICHAN Land District	domestic	13,927

Electoral Area/ Municipality	Tag Number	BCGS Mapsheet	Owner	Street Address	Land District	Well Use	Reported Yield (m³/year)
North Cowichan	00000063519	092B07233332	MARTEN ISLE	Not recorded	SOMENOS Land District	unknown	1,990
North Cowichan	00000063520	092B07233333	MARTEN ISLE	Not recorded	SOMENOS Land District	unknown	3,979
North Cowichan	00000063610	092B07234126	STEPHEN MCINNES	3252 GIBBONS RD	QUAMICHAN Land District	domestic	0
North Cowichan	00000063612	092B08212236	HENRIK KNUTH	6560 NORTH RD	SOMENOS Land District	domestic	0
North Cowichan	00000063613	092B08214113	AAGAARD	7125 MT PREVOST RD	SOMENOS Land District	domestic	23,875
North Cowichan	00000063639	092B07231487	RICK KATAGAWA	3927 CAMBRAI RD	QUAMICHAN Land District	domestic	19,896
North Cowichan	00000063805	092B0822347	BUNTON N	1821 ESCARPMENT WAY	COMIAKEN Land District	domestic	39,792
North Cowichan	00000063806	092B0822419	BOOTH RON	7047 OSBOURNE BAY RD	COMIAKEN Land District	domestic	2,984
North Cowichan	00000063816	092B07231478	CAMRAY INV INC	CAMBRAI RD	QUAMICHAN Land District	domestic	9,948
North Cowichan	00000063817	092B07231479	CAMRAY INV INC	CAMBRAI RD	QUAMICHAN Land District	domestic	19,896
North Cowichan	00000063818	092B07231480	CAMRAY INV INC	CAMBRAI RD	QUAMICHAN Land District	domestic	5,969
North Cowichan	00000063819	092B07231327	CAMRAY INV INC	CAMBRAI RD	QUAMICHAN Land District	domestic	11,938
North Cowichan	00000063820	092B07231326	CAMRAY INV INC	CAMBRAI RD	QUAMICHAN Land District	domestic	9,948
North Cowichan	00000063821	092B07231472	JONES IAN	3864 SCARPE RD	QUAMICHAN Land District	domestic	3,979
North Cowichan	00000063822	092B07233224	VANCE	3822 GIBBINS RD	QUAMICHAN Land District	domestic	29,844
North Cowichan	00000063823	092B07231477	VANCE	3822 GIBBINS RD	QUAMICHAN Land District	domestic	9,948
North Cowichan	00000063824	092B07233425	SOUTHWELL	3780 GIBBINS RD	QUAMICHAN Land District	domestic	5,969
North Cowichan	00000063825	092B07234125	BOMFORD BRIAN	GIBBONS RD	QUAMICHAN Land District	domestic	11,938
North Cowichan	00000063826	092B07243315	SVETICH JOHN	4041 COWICHAN LK RD	QUAMICHAN Land District	domestic	19,896
North Cowichan	00000063827	092B07233426	HORSFALL DEREK	3994 COWICHAN LAKE RD	QUAMICHAN Land District	irrigation	1,990
North Cowichan	00000063834	092B07233146	CLARKE R	5642 MENZIES RD	QUAMICHAN Land District	domestic	0
North Cowichan	00000063836	092B07233223	COOK J	3675 GIBBINS RD	QUAMICHAN Land District	domestic	3,979
North Cowichan	00000063837	092B07233429	SVETICH J	4041 OLD LK COWICHAN HWY	QUAMICHAN Land District	domestic	15,917
North Cowichan	00000063838	092B07233428	SVETICH JOHN	4041 OLD LK COWICHAN HWY	QUAMICHAN Land District	domestic	23,875
North Cowichan	00000063839	092B07233427	MAHON S	3870 COWICHAN LK RD	QUAMICHAN Land District	domestic	15,917
North Cowichan	00000063840	092B07231483	MR DENTON	LANCASTER RD	QUAMICHAN Land District	domestic	7,958
North Cowichan	00000063841	092B07231484	HAWTHORN JOHN	530 WINCHESTER RD	QUAMICHAN Land District	domestic	5,969
North Cowichan	00000063842	092B07231485	MOWICKI CALVIN	WINCHESTER RD	QUAMICHAN Land District	domestic	1,990
North Cowichan	00000063843	092B07231486	MCPHEATORS D	5281 WINCHESTER RD	QUAMICHAN Land District	domestic	5,969
North Cowichan	00000063846	092B07231481	BERGMAN GENE	4036 GIBBONS RD	QUAMICHAN Land District	domestic	11,938
North Cowichan	00000063847	092B07233145	KLUGHART LESTER	4013 ROBSON	QUAMICHAN Land District	domestic	3,979

Electoral Area/ Municipality	Tag Number	BCGS Mapsheet	Owner	Street Address	Land District	Well Use	Reported Yield (m³/year)
North Cowichan	00000063848	092B07233144	TAYLOR G	4180 COWICHAN LK RD	QUAMICHAN Land District	domestic	99,480
North Cowichan	00000063849	092B07233424	GONSKE GORDON	6009 CASTLEY RD	QUAMICHAN Land District	domestic	208,909
North Cowichan	00000063937	092B07234323	RADONS L	Not recorded	SOMENOS Land District	domestic	11,938
North Cowichan	00000063939	092B08214229	GRIER GORDON	7185 BELL MCKINNON RD	SOMENOS Land District	domestic	39,792
North Cowichan	00000063954	092B08214127	HARRISON MORGAN	1725 MT PREVOST RD	SOMENOS Land District	domestic	1,990
North Cowichan	00000063958	092B07233327	MARTEN ISLE	Not recorded	SOMENOS Land District	domestic	995
North Cowichan	00000063959	092B07233328	MARTEN ISLE	Not recorded	SOMENOS Land District	domestic	1,990
North Cowichan	00000063960	092B07233329	STEVE WHITE	1747 HERD RD	SOMENOS Land District	domestic	3,979
North Cowichan	00000063961	092B07233330	STEVE WHITE	Not recorded	SOMENOS Land District	domestic	5,969
North Cowichan	00000063962	092B07233331	STEVE WHITE OCIEAN F	Not recorded	SOMENOS Land District	domestic	3,979
North Cowichan	00000063964	092B07233431	J ARMSTRONG	COWICHAN RIVER ESTATES	QUAMICHAN Land District	unknown	4,974
North Cowichan	00000063988	092B07231476	FIELDEN DAN	WINCHESTER RD	QUAMICHAN Land District	domestic	5,969
North Cowichan	00000063996	092B07231475	REID	5245 WINCHESTER RD	QUAMICHAN Land District	domestic	7,958
North Cowichan	00000064031	092B08221322	LOUD FRED	6627 WESTCOTT RD	SOMENOS Land District	domestic	1,990
North Cowichan	00000064046	092B07233147	ROBERT HUGHS	5742 MENIZIES RD	QUAMICHAN Land District	domestic	15,917
North Cowichan	00000064048	092B07231328	WILLIAM DEXTER	5515 NORMADY RD	QUAMICHAN Land District	domestic	3,979
North Cowichan	00000065385	092B07233326	MATIN ILSE	COWICHAN LAKE RD	SOMENOS Land District	domestic	1,990
North Cowichan	00000065386	092B07233325	MARTEN ISLE	Not recorded	SOMENOS Land District	domestic	11,938
North Cowichan	00000065387	092B08212327	SINGH SALL KABUL	6940 MT PREVOST RD	SOMENOS Land District	domestic	9,948
North Cowichan	00000065389	092B08214128	NIKIRK H	7103 MT PREVOST RD	SOMENOS Land District	domestic	23,875
North Cowichan	00000067454	092B08224112	REINHARD MULLER	7390 WALTON MOUNTAIN RD	COMIAKEN Land District	domestic	1,990
North Cowichan	00000067458	092B08224113	LEWIS R. CROSBY	7305 OSBORNE BAY RD	COMIAKEN Land District	domestic	39,792
North Cowichan	00000068762	092B07233433	PATRICIA SAYCE	3908 COWICHAN LAKE RD	QUAMICHAN Land District	domestic	3,979
North Cowichan	00000068777	092B07233227	KAREN BRUCE	GIBBONS RD	QUAMICHAN Land District	domestic	5,969
North Cowichan	00000068791	092B07233435	PETER GILES	4015 COWICHAN LAKE RD	QUAMICHAN Land District	domestic	9,948
North Cowichan	00000068806	092B07234127	ELLENE THORNLEY	3392 GIBBONS RD	QUAMICHAN Land District	domestic	15,917
North Cowichan	00000068811	092B07233434	PATRICIA SAYCE	3908 COWICHAN LAKE RD	QUAMICHAN Land District	domestic	19,896
North Cowichan	00000068812	092B07233432	ROBERT LITTLE	3903 COWICHAN LAKE RD	QUAMICHAN Land District	domestic	3,979
North Cowichan	00000068816	092B07233226	SIEGRIED KEMMLER	3730 GIBBONS RD	QUAMICHAN Land District	domestic	995
North Cowichan	00000068820	092B07233225	SIEGRIED KAMMLER	3730 GIBBONS RD	QUAMICHAN Land District	domestic	0
North Cowichan	00000068832	092B07231488	PETER GOLINOWSKI	5562 VIMY RD	QUAMICHAN Land District	domestic	0

Electoral Area/ Municipality	Tag Number	BCGS Mapsheet	Owner	Street Address	Land District	Well Use	Reported Yield (m ³ /year)
North Cowichan	00000069307	092B08214422	BRUCE BROADFOOT	6258 NORTH RD	SOMENOS Land District	domestic	7,958
North Cowichan	00000069311	092B08212122	HAL LAIRD	3400 JOHNSTON RD	SOMENOS Land District	domestic	1,990
North Cowichan	00000069319	092B08221324	JOANNE TURCOTTE	2540 HERD RD	SOMENOS Land District	domestic	3,979
North Cowichan	00000069327	092B08223326	VIRGINIA NORCROSS	7453 MAYS RD	SOMENOS Land District	domestic	7,958
North Cowichan	00000069343	092B08221325	MARY MILLAR	6899 NORCROSS RD	SOMENOS Land District	domestic	1,592
North Cowichan	00000069347	092B07233437	LEONARD M. SIDOROFF	6262 NORTH RD	SOMENOS Land District	domestic	13,927
North Cowichan	00000069359	092B08223117	ROSE HOULE	7087 MAYS RD	SOMENOS Land District	domestic	11,938
North Cowichan	00000069379	092B08221115	HYLTON MCALISTER	6618 WESTCOTT RD	SOMENOS Land District	domestic	9,948
North Cowichan	00000069383	092B07233438	SILVIA DOUGLAS	6230 NORTH RD	SOMENOS Land District	domestic	9,948
North Cowichan	00000069387	092B07233439	BRUCE BROADFOOT	6258 NORTH RD	SOMENOS Land District	domestic	7,958
North Cowichan	00000069396	092B08211122	DAN ALTICE	6572 NORTH RD	SOMENOS Land District	domestic	0
North Cowichan	00000069402	092B082124	GERARDUS JAARVELD	6514 FORD RD	SOMENOS Land District	irrigation	9,948
North Cowichan	00000074556	092B0822418	WHITTAKER ESTATES H	OSBOURNE BAY RD	COMIAKEN Land District	domestic	9,948
North Cowichan	00000074585	092B07234213	J BONSALE	INDIAN RD	QUAMICHAN Land District	domestic	29,844
North Cowichan	00000074612	092B08224110	GEORGE WHITTAKER	ESCARPMENT WAY	COMIAKEN Land District	domestic	1,194
North Cowichan	00000074613	092B08224111	BURL WHITTAKER	ESCARPMENT WAY	COMIAKEN Land District	domestic	5,969
North Cowichan	00000074623	092B08214114	LORNE NIKIRK	Not recorded	SOMENOS Land District	domestic	5,969
North Cowichan	00000074624	092B08214115	LORNE NIKIRK	Not recorded	SOMENOS Land District	domestic	3,979
North Cowichan	00000074625	092B08214116	LORNE NIKIRK	Not recorded	SOMENOS Land District	domestic	5,969
North Cowichan	00000074631	092B08214117	LORNE NIKIRK	Not recorded	SOMENOS Land District	domestic	7,958
North Cowichan	00000074634	092B08214118	LORNE NIKIRK	Not recorded	SOMENOS Land District	domestic	3,979
North Cowichan	00000074639	092B08214120	TED JAMES	MT PREVIOVE RD	SOMENOS Land District	domestic	4,576
North Cowichan	00000074670	092B07233430	M SIDOROFF	6278 NORTH RD	SOMENOS Land District	domestic	13,927
North Cowichan	00000074679	092B08221323	ROGER FOUCHER	6542 WESTHOLME RD	SOMENOS Land District	unknown	398
North Cowichan	00000074804	092B07233151	DON GELDMAN	4016 OLD LAKE COWICHAN ROAD	QUAMICHAN Land District	domestic	59,688
North Cowichan	00000074996	092B07233340	COWICHAN BAY POULTRY	4081 SAHTLAM ROAD	SOMENOS Land District	Unknown	1,990
North Cowichan	00000075003	092B07234128	FAWCETT	3552 GIBBONS ROAD	QUAMICHAN Land District	domestic	5,969
North Cowichan	00000075030	092B07234129	COLLBECK	CASEY ROAD	QUAMICHAN Land District	domestic	99,480
North Cowichan	00000075050	092B08221326	ALLEN	6600 WESCOTT ROAD	SOMENOS Land District	domestic	597
North Cowichan	00000075067	092B07233228	MILLAR	GIBBONS ROAD	QUAMICHAN Land District	domestic	7,958
North Cowichan	00000075075	092B07231489	MACEY	WINCHESTER ROAD	QUAMICHAN Land District	domestic	597

Electoral Area/ Municipality	Tag Number	BCGS Mapsheet	Owner	Street Address	Land District	Well Use	Reported Yield (m³/year)
North Cowichan	00000075076	092B07231490	MACEY	WINCHESTER ROAD	QUAMICHAN Land District	domestic	5,969
North Cowichan	00000075081	092B07233152	WRIGHT	MENZIES ROAD	QUAMICHAN Land District	domestic	23,875
North Cowichan	00000075097	092B08223214	THIBIDEAU	RICHARDS TRAIL	SOMENOS Land District	domestic	3,382
North Cowichan	00000075098	092B07234324	ELLISON	3565 LAKE COWICHAN ROAD	QUAMICHAN Land District	Domestic	5,969
North Cowichan	00000075110	092B08214429	SCHMUCK/MONINGTON	RELKE ROAD	SOMENOS Land District	domestic	19,896
North Cowichan	00000075111	092B08214430	SCHMUCK/MONINGTON	BUCK ROAD	SOMENOS Land District	domestic	11,938
North Cowichan	00000075112	092B08214431	SCHMUCK/MONINGTON	RELKE ROAD	SOMENOS Land District	domestic	13,927
North Cowichan	00000075113	092B08214432	SCHMUCK/MONINGTON	RELKE ROAD	SOMENOS Land District	domestic	597
North Cowichan	00000075114	092B08214433	SCHMUCK/MONINGTON	BUCK ROAD	SOMENOS Land District	domestic	0
North Cowichan	00000075115	092B08214434	SCHMUCK/MONINGTON	RELKE ROAD	SOMENOS Land District	domestic	0
North Cowichan	00000075116	092B08214435	SCHMUCK/MONINGTON	BUCK ROAD	SOMENOS Land District	domestic	13,927
North Cowichan	00000075128	092B08214230	RELKE	7575 MAYS ROAD	SOMENOS Land District	domestic	0
North Cowichan	00000075129	092B08214436	RELKE	7575 MAYS ROAD	SOMENOS Land District	domestic	7,958
North Cowichan	00000075130	092B08214437	RELKE	7575 MAYS ROAD	SOMENOS Land District	domestic	0
North Cowichan	00000075131	092B08214438	RELKE	7575 MAYS ROAD	SOMENOS Land District	domestic	0
North Cowichan	00000075133	092B07234131	BALIR	3276 GIBBONS ROAD	QUAMICHAN Land District	domestic	9,948
North Cowichan	00000075134	092B07234130	BALIR	3276 GIBBONS ROAD	QUAMICHAN Land District	domestic	0
North Cowichan	00000075135	092B07234132	BALBIR	3278 GIBBONS ROAD	QUAMICHAN Land District	domestic	0
North Cowichan	00000075146	092B0821126	DUNCAN MEADOWS GOLF	6507 NORTH ROAD	SOMENOS Land District	irrigation	0
North Cowichan	00000075147	092B0821127	DUNCAN MEADOWS GOLF	6507 NORTH ROAD	SOMENOS Land District	irrigation	0
North Cowichan	00000004132	092B0724413	CAPT MORGANS LODGE	Not recorded	COWICHAN Land District	other	0
North Cowichan	00000004124	092B0724235	SCHIFFEANO	Not recorded	COWICHAN Land District	domestic	0
North Cowichan	00000021375	092B07241313	PATTERSON	Not recorded	QUAMICHAN Land District	unknown	0
North Cowichan	00000023294	092B0724236	SLEGG BROS LUMBER	Not recorded	COWICHAN Land District	unknown	198,961
North Cowichan	00000024394	092B07241314	SILVER BRIDGE RESTAU	Not recorded	QUAMICHAN Land District	unknown	39,792
North Cowichan	00000029387	092B07241325	PATTERSON TEST WELL	Not recorded	QUAMICHAN Land District	unknown	0
North Cowichan	00000031885	092B07242312	DOMAN INDUSTRIES	DOMANS MILL	COWICHAN Land District	unknown	994,803
North Cowichan	00000031887	092B07242313	DOMAN INDUSTRIES	DOMANS MILL	COWICHAN Land District	unknown	268,597
North Cowichan	00000032491	092B07241336	CITY OF DUNCAN	Not recorded	QUAMICHAN Land District	unknown	1,615,560
North Cowichan	00000033436		GROUNDWATER SECTION	Not recorded	QUAMICHAN Land District	Observation Well #204	69,636
North Cowichan	00000033437		GROUNDWATER SECTION	Not recorded	QUAMICHAN Land District	Observation Well #205	69,636

Electoral Area/ Municipality	Tag Number	BCGS Mapsheet	Owner	Street Address	Land District	Well Use	Reported Yield (m ³ /year)
North Cowichan	00000033460		GROUNDWATER SECTION	Not recorded	QUAMICHAN Land District	Observation Well #122	0
North Cowichan	00000033461		GROUNDWATER SECTION	Not recorded	QUAMICHAN Land District	Observation well	79,584
North Cowichan	00000033478		GROUNDWATER SECTION	Not recorded	QUAMICHAN Land District	Observation Well #208	79,584
North Cowichan	00000033488	092B0724239	DOMAN INDUSTRIES	DOMANS MILL	COWICHAN Land District	unknown	69,636
North Cowichan	00000033623		GROUNDWATER SECTION	Not recorded	QUAMICHAN Land District	Observation Well #130	0
North Cowichan	00000033651		GROUNDWATER SECTION	Not recorded	QUAMICHAN Land District	Observation Well #211	0
North Cowichan	00000033892	092B07242311	DOMAN INDUSTRIES	DOMANS MILL	COWICHAN Land District	unknown	662,539
North Cowichan	00000034362	092B07241347	CITY OF DUNCAN	Not recorded	QUAMICHAN Land District	unknown	4,496,510
North Cowichan	00000035731		GROUNDWATER SECTION	Not recorded	QUAMICHAN Land District	Observation Well #125	0
North Cowichan	00000036727	092B07241349	MUN OF N COWICHAN	BETWEEN BOYS RD & COWICHAN R	QUAMICHAN Land District	domestic	2,984,409
North Cowichan	00000036870	092B07241350	MUN OF N COWICHAN	BETWEEN BOYS RD & COWICHAN R	QUAMICHAN Land District	domestic	4,213,986
North Cowichan	00000053082	092B0724138	MUN OF N COWICHAN	BOYS ROAD HATCHERY	QUAMICHAN Land District	other	4,999,880
North Cowichan	00000053195	092B07242314	BLACKELEY	COWICHAN BAY ESTUARY	COWICHAN Land District	irrigation	49,740
District of North Cowichan Total							36,891,478
Total reported yield							81,039,050
Reported yield of wells owned by major utilities							53,539,050
Reported yield of private wells							27,500,000

5.0 Agricultural water use survey results

Section 4.2.1 of *Water Issues* contains information about a survey form that was prepared to ask farmers in the Cowichan Basin about their water use. The form was reviewed by staff of the Ministry of Agriculture and Lands, and was distributed by the Island Farmers' Alliance. Of the 88 forms mailed out, 13 were returned. The results of the survey are presented in Table 12.

Table 12
Results of survey mailed to farmers in the Cowichan Basin

A: What is the nature of your water use now?						B: How will farming and water use change over 10 to 25 years			C: What water issues do you face today and in 10 to 25 years?
Type of crop or farm activity	Total hectares	Irrigated hectares	Source	Irrigation method	Water used per year	Kind of farming activity	Type of change	Expected change in water requirements	
Corn	8					Dairy	No change	No change	Water rates going up for dairy purposes
Grass	75	20	Surface	Spray	20 acre-feet (24,660 m ³ , 1283 m ³ /ha)				
Dairy			Public						
Hay and pasture	100 acres (40 ha)		Well		400 gallon + a day (552 m ³ /year)		Over the next 10 to 25 years, I hope to have large dug out ponds to irrigate for second and third cut hay and more pasture for my cows		Richards Creek runs through my farm on Richards Trail. The last time the creek got cleaned out was around 1981. Richards Creek is plugged with beaver dams, reed grass, blackberries, logs and sticks. The creek banks are eroding into the creek causing more clogs. The creek has oxygen at my farm, then there is little oxygen towards Somenos Lake. Ideas for Richards Creek: One side of the creek should have trees for shade, the other side should have an easement where excavators, dump trucks, brush cutters and pick up trucks to make sure the creek is kept clean all the time.
Hay	30.6 acres (12 ha)					At least half of the productive land is under water from Nov. until June. Normally, the land is dry enough to get on it by July 1st, but this year, owing to a beaver dam, there is still water on my land.			Until the level of Quamichan Lake is maintained at summer levels, it is impossible to grow anything but sub-standard Reed Canary grass hay. By the time the land is dry enough to hold the tractor, the grass is over-ripe.

A: What is the nature of your water use now?						B: How will farming and water use change over 10 to 25 years			C: What water issues do you face today and in 10 to 25 years?
Hay and beef cattle	40	15	Surface	Spray	35 acre/ft (43,155 m ³ , 2877 m ³ /ha)	Increase hay production	Increase irrigation requirements to guarantee 2nd and 3rd cuttings	Increased	
						Diversify to other crops	Blueberries	Reduce water required on land taken out of hay production	
						Trout Farm (on land) recirculation system	Water requirements to be met on new wells	Increased	Surface water from stream is not capable of meeting all irrigation requirements on farm especially by late July-August. Depending on weather.
Container nursery ornamental trees, shrubs, etc.	2	0.5	Public	Spray, Other	416,000 I.G (1,890 m ³) in 2004; 467,000 (2,121 m ³) in 2003; 305,000 (1,385 m ³) in 2002, 292,000 (1,326 m ³) in 2001; 4051,000 (1,840 m ³) in 2000. Average = 3425 m ³ /ha	We expect to downsize and retire		Less water used	Justifying water use in the face of increasing residential demand and higher municipal revenues from residential sources.
Dairy Farming	80	50	Public	Reel	30,000 m ³ , 600 m ³ /ha	Dairy Farming	I don't expect any change	I may need more water	The major water issues I face today are that I get my water from the municipality and I pay between \$10,000 and \$12,000 of water a year, which is outrageous but the municipality will not reduce my water rates. I have no wells on my property and this is my only source of water to grow crops. Thank you.

Hay, sheep and hazelnuts	74 acres (30 ha)								Our major issue is how to get rid of the ground water laying on our bottom lands. We are losing thousands of dollars in hay crops, nut crops, etc. because of run off is impeded into Quamichan Lake. There has to be a complete clean out of the McIntyre Creek to assist the water escape.
Vegetables	24		Flooded			0			The district of North Cowichan has purposely flooded our farm for the past decade. They have taken upon themselves, the position not to honor an ARDA agreement they signed in 1982 with the help of Federal and Provincial governments.
Beef and Forage	30.4 acres (12 ha)		Well			Not without water			Today: No adequate water. Need access to municipal water system. Let's get back to basics. Forget fancy pools and more subsidized transit that few use! Get everyone access to good quality water first. 10-25yrs: Farm will be shut down without sufficient water. Wells in this area (Herd Rd) are insufficient
Christmas tree plantation	10					same	None		I have 2 lakes and a creek so water supply, if I needed it, is not a problem.
Hay and Silage	150 acres (61 ha)	dry land crops	Public			Beef and Hay	Retire	Have no water, would like to irrigation	Lack of water for irrigation. With water we could double production. Irrigation runoff could help streams return increase fish population.
Christmas holly	4	4	Surface	Spray	35 acre-ft (43,155 m ³ , 10,800 m ³ /ha)		Selling portion of property in a few years	New owner may or may not continue with farming activities or may do new activities	Somenos Creek does not drain to Cowichan River like it has historically. Coho is threatened and some agricultural land is flooded. Cowichan River should be redesigned to allow Somenos Creek to drain properly.
Market garden	1.2	1.2	Surface, Public	Spray	35 acre-ft (43,155 m ³ , 35,960 m ³ /ha)				
Hay	10	0				Hay	No change	No	We do not face any issues as we do not irrigate.

6.0 Projected growth of agricultural water demand

Section 4.2.3 of the *Water Issues* report includes information on future agricultural use. The projected growth of water demand under the three scenarios is presented for each jurisdiction in the CVRD in Table 13.

Table 13
Projected agricultural water demand in the Cowichan Basin, by jurisdiction

Jurisdiction	ALR area and water use			
	Area of land in ALR (ha)	Projected 2031 water use (m ³ /ha/yr)		
		Scenario 1 (1/2 irrigated)	Scenario 2 (fully irrigated)	Scenario 3 (conservation irrigation)
Duncan		0	0	0
Lake Cowichan	7	24,500	49,000	24,500
North Cowichan	3,500	12,250,000	24,500,000	12,250,000
Area B, Shawnigan Lake	0	0	0	0
Area D, Cowichan Bay	600	2,100,000	4,200,000	2,100,000
Area E, Cowichan Station	800	2,800,000	5,600,000	2,800,000
Area F, Cowichan Lake	1,000	3,500,000	7,000,000	3,500,000
Area I, Youbou	0	0	0	0
Total Basin	5,900	20,650,000	41,300,000	20,650,000

7.0 Housing type estimates

Section 4.3 of the *Water Issues* report provides a summary of the current housing by type in the Cowichan Basin. A detailed table of housing type estimates is presented in Table 14.

Table 14
Estimated housing types in the Cowichan Basin, by jurisdiction, 2005

Jurisdiction, Housing type	Dwellings in Basin	Estimated % of dwellings by type	Number of dwellings by type
Duncan	2,347		
Urban		55	1,291
Suburban		10	235
Attached		35	821
Lake Cowichan	1,246		
Urban		60	748
Suburban		25	312
Attached		15	187
North Cowichan	6,557		
Urban		30	1,951
Suburban		47	3,066
Rural		8	557
Attached		15	983
First Nation Reserves	393		
Urban		15	59
Suburban		75	295
Rural		10	39
Area D, Cowichan Bay	113		
Suburban		60	68
Rural		40	45
Area E, Cowichan Station	765		
Urban		35	268
Suburban		45	344
Rural		20	153
Area F, Cowichan Lake	686		
Urban		5	34
Suburban		60	412
Rural		35	240
Area I, Youbou	594		
Urban		10	59
Suburban		60	356
Rural		30	178
Total Basin	12,701		
Urban		35	4,410
Suburban		40	5,087
Rural		10	1,213
Attached		15	1,991

8.0 Forecast change in housing stock

Section 4.3 of the *Water Issues* report summarizes housing forecasts for 2031 under the *status quo* and the densified assumptions. A detailed description of forecast change in housing stock is included in Table 15.

Table 15
Forecast change in housing stock in the Cowichan Basin, 2005-2031, by jurisdiction

Jurisdiction, Housing type	Present housing mix		“Densified” housing mix	
	% of dwellings by type	Number of dwellings	% of dwellings by type	Number of dwellings
Duncan		3,028		3,028
Urban	55	1,665	55	1,665
Suburban	10	303	5	151
Attached	35	1,060	40	1,211
Lake Cowichan		1,607		1,607
Urban	60	964	60	964
Suburban	25	402	15	241
Attached	15	241	25	402
North Cowichan		8,459		8,459
Urban	30	2,538	38	3,172
Suburban	47	3,976	34	2,855
Rural	8	676	4	317
Attached	15	1,269	25	2,115
First Nation Reserves		507		507
Urban	15	76	30	152
Suburban	75	380	65	330
Rural	10	51	5	25
Area D, Cowichan Bay		146		146
Urban	0	0	10	15
Suburban	60	88	60	88
Rural	40	58	30	44
Area E, Cowichan Station		986		986
Urban	35	345	50	493
Suburban	45	444	40	394
Rural	20	197	10	99
Area F, Cowichan Lake		885		885
Urban	5	44	15	133
Suburban	60	531	60	531
Rural	35	310	25	221
Area I, Youbou		766		766
Urban	10	77		115
Suburban	60	460		498
Rural	30	230		153
Total Basin		16,384		16,384
Urban	35	5,709	41	6,709
Suburban	40	6,584	31	5,088
Rural	9	1,522	5	859
Attached	16	2,570	23	3,728

9.0 Assumptions used in water forecasting

Water consumption estimates based on land use

Section 4.3 of the *Water Issues* report provides a summary of present and forecast water consumption levels in the Cowichan Basin, by land use and jurisdiction. A detailed presentation of present and forecast consumption levels is shown in Table 16.

Table 16
Water consumption estimates for the Cowichan Basin, by land use and jurisdiction, 2005 and 2031

Jurisdiction	2005 Use (m3/year)	2031 use (without densification)	2031 Use (with densification or conservation)
Duncan			
Urban	694,477	895,876	895,876
Suburban	205,363	264,918	132,459
Attached	164,290	211,934	242,210
Residential subtotal	1,064,130	1,372,727	1,270,545
Commercial	326,900	392,280	353,052
Institutional	67,300	80,760	72,684
Parks	100,500	110,550	99,495
Total	1,558,830	1,956,317	1,795,776
Lake Cowichan			
Urban	402,209	518,849	518,849
Suburban	272,563	351,606	210,963
Attached	37,380	48,220	80,367
Residential subtotal	712,151	918,675	810,180
Commercial	163,800	196,560	176,904
Industrial	30,600	36,720	33,048
Institutional	296,700	356,040	320,436
Parks	43,500	52,200	46,980
Total	1,246,751	1,560,195	1,387,548
North Cowichan			
Urban	1,049,584	1,353,964	1,706,613
Suburban	2,682,488	3,460,409	2,498,062
Rural	780,360	1,006,664	444,100
Apartments	196,600	253,614	422,952
Residential subtotal	4,709,032	6,074,651	5,071,727
Commercial	1,381,030	1,795,339	1,615,805
Industrial	992,100	1,190,520	1,071,468
Institutional	193,400	232,080	208,872
Parks	289,900	347,880	313,092
Total	7,565,462	9,640,470	8,280,964

Jurisdiction	2005 Use (m3/year)	2031 use (without densification)	2031 Use (with densification or conservation)
Reserves			
Urban	31,715	40,912	81,825
Suburban	257,906	332,699	288,339
Rural	55,020	70,976	35,488
Residential subtotal	344,641	444,587	405,652
Institutional	30,000	36,000	36,000
Total	374,641	480,587	441,652
Area D			
Urban	0	0	7,849
Suburban	59,378	76,597	76,597
Rural	63,336	81,703	61,278
Residential subtotal	122,714	158,300	145,724
Commercial	74,900	89,880	80,892
Industrial	9,600	11,520	10,368
Total	207,214	259,700	236,984
Area E			
Urban	143,955	185,702	265,289
Suburban	301,022	388,318	345,172
Rural	214,060	276,137	138,069
Residential subtotal	659,037	850,158	748,530
Commercial	12,200	14,640	13,176
Industrial	306,800	368,160	331,344
Total	978,037	1,232,958	1,093,050
Area F			
Urban	18,452	23,803	71,409
Suburban	360,124	464,560	464,560
Rural	336,116	433,589	309,706
Residential subtotal	714,691	921,952	845,676
Commercial	203,000	243,600	219,240
Industrial	350,400	420,480	378,432
Institutional	156,000	187,200	168,480
Parks	416,000	499,200	449,280
Total	1,840,091	2,272,432	2,061,108
Area I			
Urban	31,957	41,225	61,837
Suburban	311,850	402,287	435,810
Rural	249,480	321,829	214,553
Residential subtotal	593,287	765,340	712,200
Commercial	441,000	529,200	476,280
Industrial	566,400	679,680	611,712
Institutional	228,000	273,600	246,240
Parks	19,200	23,040	20,736

Jurisdiction	2005 Use (m3/year)	2031 use (without densification)	2031 Use (with densification or conservation)
Total	1,847,887	2,270,860	2,067,168
Total			
Urban	2,372,350	3,060,332	3,609,548
Suburban	4,450,692	5,741,393	4,451,962
Rural	1,900,042	2,451,054	1,525,771
Attached	398,270	513,768	745,530
Residential subtotal	9,121,353	11,766,546	10,332,810
Commercial	2,602,830	3,261,499	2,935,349
Industrial	2,255,900	2,707,080	2,436,372
Institutional	971,400	1,165,680	1,049,112
Parks	869,100	1,032,870	929,583
"Urban" Total	15,820,583	19,933,675	17,683,226

Human water use

In Section 4.4 of the *Water Issues* report, 2004 human surface water withdrawal is estimated as 58 million m³/year. This estimate was calculated based on:

- a. Licensed volume of surface water withdrawal by individual licencees (as shown in Section 3.0 of *Water Facts*), or 5,185,073 m³/year.
- b. Actual water withdrawal in 2004 (not licensed withdrawals) by major utilities licensed to take water from surface sources, or 1,182,276 m³/year.
- c. Actual water withdrawal in 2004 (not licensed amount) by Catalyst Paper, or 51,628,678 m³/year.

Section 4.4 of the *Water Issues* report also states that under *status quo* conditions, water demand could increase by 28% over the next 25 years, just to satisfy population growth. If economic development requires additional water, all of the current licensed capacity for surface withdrawals from lakes and streams in the Cowichan Basin could be used and additional licences issued, resulting in demand for 96 million m³/year of surface water by 2031. This estimate was calculated based on:

- a. Current licensed volume of surface water withdrawal by individual licencees (as shown in Section 3.0 of *Water Facts*), or 5,185,073 m³/year plus a 28% increase in licensed volume equals 6,636,893 m³/year.
- b. Current licensed volume of surface water withdrawal by major utilities, or 2,257,018 m³/year plus a 28% increase in licensed volume equals 2,888,983 m³/year.
- c. Current licensed volume of surface water withdrawal by Catalyst Paper, or 86,610,409 m³/year (assumed to be unchanged by 2031).

Removal of ground water by wells is estimated to withdraw 7.1 million m³/year from Cowichan River base flows in 2004, rising to 9.2 million m³/year by 2031. These estimates were calculated based on:

- a. The reported yield of private wells in the Cowichan Basin is 27.5 million m³/year (see Section 4.0 of *Water Facts*). Although it is impossible to prove due to a lack of data on well withdrawal in the Basin, this number is likely much higher than actual withdrawal from wells. For the purposes of this report, it is estimated that actual withdrawal from private wells is half of the maximum reported yield, or 13.8 million m³/year.
- b. Actual ground water withdrawal data from major utilities, or 7.4 million m³/year.
- c. For utility wells, which are near to the Cowichan River, 50% of pumping volume was assumed to affect river base flow, or 3.7 million m³/year plus a 28% increase equals 4.7 million m³/year.
- d. For all other wells, which could be further from the river, 25% of pumping volume was assumed to affect Cowichan River base flow, or 3.5 million m³/year plus a 28% increase equals 4.5 million m³/year.

These assumptions are conservative, as studies of wells on the Chemainus River have shown that base flows can be reduced by nearly 100% of the pumping volume.

Under this “high consumption” scenario, total withdrawals of surface water (96 million m³/year) and ground water (9 million m³/year) that could affect Cowichan River flow are estimated to reach 105 million m³/year by 2031 (Table 17 of the *Water Issues* report).

Withdrawal estimates shown in Table 18 of the *Water Issues* report assume a 10% increase in demand during a dry summer for all users except Catalyst Paper, whose demand is assumed to increase **by 2%** over a normal summer. Winter consumption is unchanged from a normal year.

10.0 Water pricing

Section 4.5 of the *Water Issues* report discusses water metering and pricing in the Cowichan Basin. A complete listing of prices for the Town of Lake Cowichan and the City of Duncan are included in this section.

Town of Lake Cowichan

SCHEDULE "A"			
ATTACHED TO AND FORMING PART OF WATER BYLAW NO. 774-2003			
WATER RATES	2004 Monthly Charges	2005 Monthly Charges	2006 Monthly Charges
	\$	\$	\$
Single Family Residence	18.50	19.43	20.40
Duplex or Two Dwelling Unit (Per Unit)	16.82	17.66	18.55
Triplex or Three Dwelling Unit (Per Unit)	15.47	16.25	17.06
Single Family Residence - Outside User	27.00	28.36	29.77
Apartment Building (Per Apartment)	16.16	15.31	14.47
Office or Store	15.04	13.09	11.13
Public Halls/ Churches	18.50	19.43	20.40
Licensed Clubs or Lounges & Pubs	38.31	62.53	66.76
Coffee Shop/ Café/ Take-out	18.20	16.33	12.46
Restaurant	28.07	34.07	40.06
Machine or Auto Body Shop	18.13	19.27	20.40
Barber Shop/ Beauty Parlour	17.58	18.15	18.73
Hotel - Per Room	12.54	9.24	5.93
Garage or Service Station	23.65	25.21	26.78
Car Wash (Metered Only)			
Laundromat (Per Washer)	20.18	21.20	22.25
Schools - Per Room (Classroom, Shop, Office, Etc.)	16.68	19.47	22.25
Strata RV Sites	9.37	10.25	11.13
Motel - Per Room	7.64	6.78	5.93
Campgrounds - Centralized Washroom (Per Unserviced Site)	2.95	3.10	3.26
Campgrounds (Per Serviced Site)	4.71	4.95	5.20
Metered Single Family Dwellings (Including Duplex and Triplex) - on a per registered title basis			
(a) Min Charge for the first 8,000 gallons or portion thereof per month	15.36	16.13	16.94
(b) For each additional 1,000 gallons or portion thereof when (a) has been exceeded	1.92	2.02	2.12
All other Metered Buildings - on a per registered title basis			
(a) Min Charge for the first 5,000 gallons or portion thereof per month	9.60	10.08	10.58
(b) For each additional 1,000 gallons or portion thereof when (a) has been exceeded	1.92	2.02	2.12
CONNECTION FEES			
	Existing unserviced lots and new lots fronting existing streets	Existing partially serviced lots	
	\$	\$	
3/4 inch including meter	1,100.00	-	
3/4 inch meter only	-	225.00	
3/4 inch meter, fittings and box	-	400.00	
1 inch including meter	1,400.00	-	
1 inch meter only	-	300.00	
1 inch meter, fittings and box	-	475.00	
larger than 1 inch	Actual Cost	Actual Cost	
Disconnection fee		50.00	
Reconnection fee		50.00	
Inspection fee		25.00	
Reinspection fee		26.00	

City of Duncan

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BYLAW NO. 1979, 2004

THE CORPORATION OF THE CITY OF DUNCAN
SCHEDULE "A"
PART I

Category	Charge for Water Supplied Within the City for Each Six Month Period	Charge for Water Supplied Without the City for Each Six Month Period
1.Private Dwelling House	61.00	76.00
2.Multiple Dwellings		
1 st Unit	61.00	76.00
Each additional unit	47.00	59.00
3.Commercial Premises (where not otherwise specified)		
For 1 st Two Fixtures	44.00	55.00
For Each Additional Fixture	8.50	9.50
4.Laundry & Dry Cleaners		
For First 10 Washers	301.00	366.00
For Each Additional Washer	18.00	21.00
5.Restaurant	160.00	195.00
6.Clubs & Lounges Where Liquid Refreshments are Served	157.00	191.00
7.Boarding House		
Having 10 Rooms or Less	95.00	116.00
For Each Additional Room	8.50	10.00
8.Hotel		
For Each Self-Contained Room	43.00	50.00
9.Hydrants	21.00	23.00
10.When a private dwelling is owned and occupied by a person resident within the City of the full age of 65 years and that person is in receipt of Provincial Government Income Assistance, know as G.A.I.N., or whose income does not exceed an amount equal to the Provincial Government maximum assistance, that person will be entitled, upon application, to a rebate of 50% of the charges set out in Item 1 of this Schedule.		

BYLAW NO. 1979, 2004

THE CORPORATION OF THE CITY OF DUNCAN
SCHEDULE "A"
PART II

Semi-Annual Charges for Service by Meter

COLUMN I QUANTITY	COLUMN II Metered Rate Charge for Metered Water Supplied Within the City for Each Six Month Period	COLUMN III Metered Rate Charge for Metered Water Supplied Without the City for Each Six Month Period
For the First 6,000 cubic feet or part thereof	61.00	76.00
For every 600 cubic feet or part thereof up to the next 24,000 cubic feet	4.00	4.10
For every 600 cubic feet or part thereof up to the next 30,000 cubic feet	4.20	4.30
For every 600 cubic feet or part thereof over and above 60,000 cubic feet	4.40	4.40
Multi-Family Minimum (Per Unit)	47.00	59.00

11.0 Values and issues identified by Forum

Section 5.1 of the *Water Issues* report provides a brief summary the values, issues, and priorities identified by the Water Management Forum at its inaugural meeting on April 14, 2005. This section provides a detailed summary of the results of the meeting.

Values of Water Identified by Forum Members

Personal Use:

- Cleaning – personal hygiene, clothes washing, house cleaning, consuming in its pure form and mixed in cooking.
- Aesthetics represents my livelihood.
- “Quality of life” residents will be strongest supporters.
- I value the aesthetic value of the basin. I enjoy swimming and boating on the lake and river. I very much appreciate a beautiful garden, thus value water to support it.
- Drinking water.
- Water flowers and lawns in residential areas.
- Residential water use (cleaning, cooking, sewage).
- Privilege that has been taken for granted.
- Fly fishing! A great river in a natural corridor.
- I personally recreate in areas around the lake and river on a regular basis. This is a very important aspect of my life!
- Recreation and meditation.
- Fishing, boating, swimming, and general recreation are important – all, by themselves, are secondary to the need for long term development that will provide a financial infrastructure capable of supporting the entire Basin.

Recreation and Aesthetics:

- I went tubing on the Cowichan River for the first time last summer. I have floated part of the Cowichan looking at fish. I love walking along the Cowichan River footpath and hearing the river and seeing the river. I like swimming in the river at many different locations, and swimming in Cowichan Lake at Youbou (discovered a new beach last summer). Cowichan Tribes people use the river a lot. One recreation activity that I heard was curtailed was the kids had to cool off in the small wading pools when water quality dropped at Mariners Pool (low flows combined with upstream farming?).
- Hiking and visual aesthetics protect wild nature via heritage status and park designation.
- I enjoy spending time at or near the lake and river. I have done so for over 20 years. If the quality of water depreciated to decrease the value I would be very upset.
- Myriad of recreational values – swimming, boating, fishing, water viewing, hiking along shorefront, diving.

- No development on lake itself – good view as opposed to looking at more houses and development.
- Lower Cowichan was used for canoe racing and is no longer done mainly because river levels were too low.
- Upper river is still healthy but lower reaches are diminished greatly due to silt-clay in less than 10 years.
- Tubing, anglers – commercial and recreational fishery.
- A population that engages in outdoor recreation is a healthy and environmentally aware population.
- Flows throughout the year. The Cowichan Basin is a popular area for recreation: swimming, boating, fishing, tubing, etc.

Economy:

- Wholy Water – bottled in the Cowichan Valley (contact Island Bagel) started in response to all the imported bottled water. Several of my friends work at the pulp mill. Water provides jobs for these friends of mine. I remember talking to Wayne Haddow last summer to find out if farmers were being affected by the water shortage. He told of one farmer who irrigates from a well, and summer 2004 was the first time his well had run dry. He had to irrigate intermittently to give the well time to recharge.
- River generates income via eco-tourism.
- Fishing guides.
- Cowichan River Provincial Park.
- I value our systems ability to support large economic players (mill, ecotourism, etc.)
- Allows residential, commercial and industrial growth – hence employment and economic support to Cowichan Valley.
- Continued operation of Norske Canada mill – 1,000+ jobs and economic driver in Cowichan Valley.
- Potential of river, lake and bay for ecotourism and sport fishing is huge. Fisheries values are high even though populations are low. Think of what might happen if reversed.
- Water supply as it relates to development, sewage treatment as it relates to development (no water, no sewage treatment – no development).
- Recreational fishery.
- The river (and lake) plays a major role in the economy of my area (Lake Cowichan).
- Water for navigation by industry.
- Water supply for industrial uses, agriculture, and aquaculture.
- Recreational uses and as an attraction for tourism both local and away from lake area.
- The basin also provides waterfowl viewing and hunting opportunities.
- Drainage corridor for agriculture.
- The number one issue – without a Basin economy that is self-supporting, the overall picture will be one of patchwork success and failure. For long term success and

economic stability, the five mainstays of industry, logging, fishing, tourism and agriculture will have to come to grips with the fact that the potential of property development, in the long term, may become the dominant revenue producer in the Basin.

Environment and Ecology:

- The environment has been altered so much (land clearing, increase in impermeable surfaces, dyking of waterways, landfill on wetlands) that I wonder if we have passed the point of no return.
- River system presently basically clean – pollution free.
- Heritage status – provincial and federal river system.
- I value the productivity of our basin, the ability for a system to support so much life.
- Biological and wildlife support in Cowichan Basin.
- Healthy fish population.
- Riparian zones.
- Control of environment because our perception is that nature's way is not working.
- A river environment that could be diminished through poor political leadership.
- I highly value the current quality of the environment in our Cowichan Basin and want it to remain the same or to be improved.
- Some red, yellow and blue listed species in the basin, and all are under pressure.
- Assuming that the planning and plan implementation is dealt with in a manner generally supportive of the environment then I do not see this as a major issue as the environment will become part of the general plan.

Utilities:

- I appreciate the availability of water to be able to bath, wash, etc., but I think conservation measures should be encouraged.
- Sewage dilution.
- Domestic water.
- Generally quality has been great but must be maintained.
- Beware of sewage, sewage treatment, and septic fields.
- Crofton water supply.
- South end (North Cowichan, City of Duncan, Cowichan Tribes water).
- Joint Utility Board sewage treatment lagoons and dilution.
- Lake Cowichan sewage treatment plant dilution.
- Water supply for urban, industrial, agricultural, and aquaculture uses.
- The big one is consistent, regulated water supply dealt with in a manner that does not negatively interfere with the existing waterfront. Disturbing the rights of both present and future waterfront owners will cause a significant problem. As in my comment on Economy, my view is that the long term success of Lake Cowichan will be based upon a

well thought out and carefully implemented property development plan. The ability of the Basin area to develop an overall, well planned economic strategy is critical to long term economic success.

Property and Development:

- Southeast Vancouver Island has been flagged as one of three major growth areas in British Columbia. How are we going to provide water to meet the potentially huge increase in demand?
- Maintain semi-wild environment along river corridor.
- Residential development along shoreline.
- I believe generally the quality of property has been made better by human intervention and a positive spin off has been development.
- Cottage country mindset, and a lack of setbacks! No greenways or trailways around watershed.
- See economy as it dovetails with ecology.
- I hope that development will occur in accordance with a well thought out plan.
- Population and recreation growth will continue to pressure real estate values and the resource base we value.
- I have managed, I am sure, to beat this to death in my earlier comments – plan, plan, plan and have a plan that covers Lake Cowichan first and the balance of the Basin second. No development until the plan is done, approved and ready to go.

Culture:

- In my short time working with Cowichan Tribes I have begun to appreciate the huge importance of the river on the Cowichan People. It is part of who they are. One fellow shared with me that his grandparents had taught him to respect the river as it could carry him away without anyone knowing, and his body might not be found. They also taught him to respect the river for if it is looked after it will feed you. Some of the Cowichan People have built their homes along the river for thousands of years, others built along the ocean. The river was part of their transportation system. There is a wonderful half hour video called “Wisdom of the River” that would be worthwhile for all Forum members to watch.
- First Nations cultural value.
- Local peoples attachment to and value of watershed (especially waterfront property owners).
- Sport fishing and traditional fishing have been affected. What are the contributing factors?
- Natural is becoming a religion.
- A very important aspect of our basin.

- Cowichan Tribes' long history of occupation and use. Also, the Cowichan River has spiritual values for many people.
- An important part of the racial structure of the area but not the most important part – culture must be progressive and must fit in with a program designed to meet the needs of all interest groups. Culture is neither the least nor the most important facet of generic population progress.

Other:

- Communicate with river and lakefront seasonal use property owners – via tax notices?
- I value the quality of water we receive from the basin and suggest that we include quality as a parameter we should attempt to manage.
- The precious life giving which has up til now been taken fro granted and has now brought together a large core group of people capable of resolving issues surrounding the use.
- The Cowichan holds the valued mystique of the “Warm Land”.
- I am of the view that the project must take in to account the possible development of reservoirs strategically placed both inside and outside of the Cowichan Basin Watershed.
- To depend upon aquifers for water supply is risky.
- To depend upon the Lake, as a supplier of more and more water, as the only supply of potable and commercial water is foolish in the extreme.
- Tapping an additional water source outside of an aquifer system could provide an ongoing supply of Basin water through Lake Cowichan; this approach is worthy of very serious consideration.
- The Water Use project is forced to work with a finite, and depleting source of water for an ever increasing demand. Any success we might have had with that constrictor is short term.

Water Issues Identified by Forum Members

Water Use and Demand:

- Drinking water [Crofton – 2,000 people)/South end (wells) – 20,000 people].
- High demand (all sources) at low flow.
- Mill at risk – constant demand, low availability.
- Look at future projected demand – related to land use demand.
- Community planning/growth management/conservation plan.
- Bulk supply demand from region – now and in future.
- Future uses – domestic, industrial, commercial.
- Water use needs to meet the needs of the stakeholders.
- Potential for use of Cowichan Lake to supply entire valley.
- Better water use data (metering?).
- Low flow fixtures.
- Relationship between development and water availability (capping) on development.
- Water recycling.
- Water licences seen as a commodity and an entitlement to water.
- Cost of water is not exponential to use.
- Increasing development (residential, commercial, industrial) = higher use, demand and waste to be dealt with.
- Main growth areas of BC (flagged by province).
- Haphazard approach to dealing with water use and demand – public perception needs to be shifted – conservation and connection to environment.
- Many conflicting interests in Basin, must balance and determine “need” versus “want”.
- Population growth and development – commercial, industrial, residential.
- Lack of groundwater regulation and protection.
- Pricing structure does not encourage conservation.
- Septic tank “natural flushing”.
- No integration of up-slope forestry into downstream values and use.
- Overcome our lake-centrism.

Storage:

- Inadequate – lake (needs redesigned).
- Are there secondary/other storage options?
- Impacts of tree removal especially on snow pack – also quality issue.
- Current storage inadequate to meet current water needs.
- Lake level impact on lakefront property owners beaches/land use (high and low).
- Uneven interests – lakefront owners versus all other water users (competing).
- Other options for storage besides Cowichan Lake.

- Balancing risk to running low on water at end of summer with flows at beginning of summer.
- Need to consider both surface storage and groundwater storage.
- Finite source, should look at how to better use what we have rather than look for more storage.
- Lack of understanding education of how current storage works, lack of management strategies.
- All impacts of storage not completely understood (effects on side channels – fisheries).
- Lack of understanding of variables/inputs (linear equation) into storage.
- What are side effects of storage increases?
- Outdated technology for monitoring.

Fisheries:

- High value – low population – high risk.
- Clay sediment in lower reaches – impacts on spawning beds.
- Dyking – cut off side channels – restore where possible.
- Sustained conservation flows cannot be met with current storage – can't enhance fisheries.
- Reducing mill flow in the summer period in favour of more flow in the winter.
- Enhancement not just maintenance of current fishery (flow, temperature, quality).
- Conservation for all users.
- High temperatures lethal for fish.
- Erosion leading to sedimentation of river.
- Reduction of fish stock (habitat) over the years.
- Appropriate flows required at different times of year.
- Side channels affected by weir operation.
- Not coordinated approach to fisheries recovery programs investment.
- Lay people don't understand fisheries issues, arguments.
- Rising demand for shrinking resource – habitat.
- Where are non-returning 98% of fish?

Other Ecological Issues:

- Temperature – sub-lethal for fish.
- Weir migration barrier for juveniles.
- Connectivity of river/estuary/sidechannels – wildlife impact, biological impact.
- Forest Management Practice (impacts to flow and quality).
- Riparian protection/river habitat protection.
- Poor drainage in lower valley impacting migratory waterfowl feeding.
- Many other organisms in Basin that are dependent on river and lake (natural shoreline).

- Need to consider ecosystems holistic approach to planning, not just charismatic species (salmon).
- Ecological damage resulting from logging.
- Present day river ecologically different from original.
- Don't appreciate ecological value of the system – including bioregional implications.

River Morphology (erosion, deposition):

- Erosion – silting
 - Navigational hazard (kayakers)
 - Loss of property
- Deposition by black bridge
 - Flooding downstream
 - Needs plan
- Sediment loading
 - Impact on success of sports fishery/First Nations fishery
 - Impact on mill operation
 - Impact on fish production
- Erosion/deposition management on system-wide scope not on site-specific basis.
- Deposition contributing to flooding in lower system.
- Act quickly/react to problems without planning long-term.
- Do not think of the river/lake as a system; try to fix problems in specific area with thinking of downstream affects.
- Removal of riparian vegetation higher in erosion.
- Side channel recruitment.
- Slides.
- Gravel management planning in lower system.

Flooding:

- Somenos – agriculture, homes, pump station (need to understand connections).
- Means to avoid control and lessen flooding – dykes – straitjacket.
- Less beachfront in summer if weir level raised.
- Aggrading gravel deposition.
- Impact to wildlife habitat and ecosystem due to increased flooding.
- Increase in impervious surfaces: higher in flooding.
- Decrease in vegetation, less retention of precipitation.
- Conflicts with certain land uses – agriculture.
- What do we do about flooding populated areas? Lake, Somenos, Clem-Clem-43 flooding areas? + upper river.

Recreation:

- Ecotourism (hikers, kayakers, fishers) - \$ X low impact.
- Too low for tubing.
- Sports fishery – huge! International.
- Low flows negatively affect recreation.
- More access.
- Good management of recreation for overuse.
- Degradation of river negatively affects recreational values.
- Recreational use must be managed properly to reduce effects on system.

Climate change:

- High risk – build insurance – storage offsets risk.
- Extreme events more frequent.
- Difficult to manage changing conditions in basin (rainfall, snow, temperature).
- Be flexible to allow for unforeseen changes.
- Will enhance all listed issues.
- Not much known about how climate change.
- More extreme cycles seen now.
- What if it does not rain? Rains too much?

Regulation and jurisdiction:

- Status quo isn't working – WMP – different management model.
- Need regulation – this is important resource – managed by single authority.
- Employment/tax loss.
- Inadequate regulation to protect watershed and riparian zones on private forest land.
- Need comprehensive Growth Management Plan for Lake Cowichan (cross-jurisdictional).
- Unreliable funding support for water management/projects from governments.
- Create basin water authority.
- Jurisdictional conflicts should not prohibit positive action.
- Consumption must be capped.
- Collaboration between levels of government a challenge.
- Enforcement required.
- Education.
- Narrow mandate for licensing – economic bias.
- Lack of standards for water use, land development unclear, fractured multijurisdictional responsibilities (weak and ineffective regulation and enforcement).
- More regulation may be needed to manage water.

Other:

- Sewage discharge – lack of dilution.
- Community not knowledgeable.
- Quality of water needs to be suitable for drinking.
- WMP needs to have a long timeline (30 years?).
- Competing interests of farmers and fishermen (e.g., Somenos).
- WMP will have huge economic impact in Basin.
- Water quality must be addressed.
- Lack of education on all issues and management strategies.
- Dilution issues – effluent discharge.
- Public and decision maker understanding and awareness.
- Knowledge management – many studies, poor availability and use.

12.0 Values and issues identified by the public

Section 5.2 of the *Water Issues* report discusses values and issues identified by the public on comment response forms in June 2004. A detailed summary of the input received from 241 response forms, prepared by Judith Cullington and Associates, is included below. The summary is also available on the CVRD web site.

Cowichan Basin Water Management Plan Report on Public Input June 2005

Analysis of Response Forms

“Let’s act big now. Clean water, as clean air, is essential to a healthy community.”

“I care about the lake and its future.”

“Effluent discharge should be removed from river.”

“Do not raise the lake – it will flood property and homes.”

“Produce a workable water management plan.”

“Impose tougher water restrictions!”

“Considering raising the weir – compensate land owners where appropriate.”

“It seems crazy to simply rely on the top metre or so of the depth of the lake for the water supply when the lake is over 500 ft. deep.”

“Protect the Cowichan River and Cowichan Lake from shoreline

“Limit logging in Cowichan River basin”

Prepared by Judith Cullington & Associates
for Westland Resource Group

July 2005

Summary

This document provides a summary of the input received from 241 response forms received from the public during the first round of consultation on the Cowichan Basin Water Management Plan (June 2005).

The importance of water

The most important aspects of water identified were:

- Clean drinking water
- A healthy ecosystem for plants and animals as well as people
- Healthy fish populations and fishing opportunities
- Maintaining viewsapes, aesthetics and the quality of life in the Basin

Issues

The most important issues for the Water Management Plan to address were identified as:

- Sufficient, clean drinking water (household supply)
- Sufficient water for fish and fishing
- Managing population growth and development
- Reducing the demand for water (by individuals, municipalities and industry)

Suggested Water Management Plan Directions

Proposed actions to be taken in response to water management issues included:

- Develop a Water Management Plan with lots of public input, based on solid research
- Manage growth and development in the Basin
- Implement demand management (through education, regulation and incentives)
- Investigate alternatives to raising the weir. Some respondents felt that raising the weir is the obvious solution, whereas others adamantly opposed this action. Alternatives should include options for storage other than Cowichan Lake, especially for the community of Crofton and the NorskeCanada mill.
- Protect water quality as well as quantity, through management of effluent discharge, and reduction of non-point sources of pollution (e.g., leaking septic fields, agricultural runoff, siltation)
- Manage logging in the watershed to retain water and avoid erosion and sedimentation.

A Water Management Plan is being developed for the Cowichan Basin. As a first step, the Water Management Plan team circulated a newsletter to all households in the Basin in June 2005. People were encouraged to complete a response form to contribute their ideas on issues and solutions for the Plan. In addition, open houses were held in Youbou, Honeymoon Bay and Duncan.

This document summarizes the main themes expressed in these response forms, and provides a brief analysis of the results. *Readers should note that although this report contains tabulated responses, this is not a statistically valid survey and it cannot be considered a reflection of the views of all residents of the Cowichan Basin. Rather, the forms reflect the views of those who took the time to submit a response form.* A complete transcript of the comments received can be seen in the document “Response Form Comments June 2005” (available from http://www.cvrld.bc.ca/water_cowichan/index.htm).

Respondents

In all, 241 response forms were received:

- 72 from open houses
- 72 by mail
- 47 dropped off at CVRD
- 28 faxed
- 20 from the Web site
- sets of e-mail comments

A few groups and individuals submitted attachments with their response forms.

Most respondents (212 of the 241) were full-time residents of the Cowichan Basin, another seven were seasonal residents. People identified themselves as being from:

- Duncan (43 responses)
- Lake Cowichan (31)
- Youbou (29)
- North Cowichan (29)
- Honeymoon Bay (12)
- Maple Bay (10)
- Sahtlam (9)
- Cowichan Bay (6)
- Crofton (5)
- Mesachie Lake (3)
- Somenos area (2)
- Other (22)
- Unspecified (43)

When asked “Which of the following best describes your interest in the Cowichan Basin” responses were:

- Waterfront property owners (72 respondents)
- Organization member (45). Organizations listed included naturalist groups, fly fishers, ratepayers associations, churches, hiking clubs and senior citizens.
- Sport fishing (33)
- Tourism operators (14)
- Farming (15)
- Government (7)
- Commercial fishing (4)
- Cowichan Tribes member (4)
- Other (32) (Many people who checked this box noted that they had some form of personal interest in water in the Cowichan Basin.)

The Importance of Water

When asked to identify the three aspects of water in the Cowichan Basin most important to them, people identified their first, second and third choices as shown in Table 17.

Table 17
Important aspects of water (by choice), identified in the public response forms

	First choice	Second choice	Third choice	Total
Clean drinking water	139	64	8	211
Habitat for plants and animals	27	101	32	160
Fish and fishing	9	38	26	73
Viewscapes, aesthetics, quality of life	1	26	37	64
Dilution of treated effluent	2	32	15	49
Recreation and tourism	2	24	20	46
High water levels	13	23	4	40
Irrigation for agriculture	0	18	17	35
Low water levels	4	22	7	33
Economic and employment benefits	1	16	14	31
First Nations cultural significance	0	8	6	14
Other	2	15	3	20

This table shows the number of times that respondents identified the options provided as their first, second and third choice for ‘most important aspect of water.’ If people checked several boxes without ranking them, all responses were assigned as a ‘second choice’. Several people checked more than three boxes, and there were several suggestions for aspects other than those given.

Clean drinking water and wildlife habitat rank as the most important aspects for respondents (identified by more than two-thirds of the respondents). Fish and fishing, aesthetics and effluent treatment were also identified as important by more than 20% of respondents.

These choices varied slightly according to where respondents live (see Table 18). Clean drinking water was rated as important by most respondents, but was rated very highly by residents of the District of North Cowichan and Duncan. High water levels are of particular concern for many lakeside residents. Low water levels were not rated as important by North Cowichan residents, however they rated economic benefits more highly than other area residents.

Table 18
Important aspects of water (percent of responses, by area of residence), identified in public response forms

	Lake (% of the 77 respondents)	River/Duncan (% of the 59 respondents)	North Cowichan (% of the 51 respondents)	Other (% of the 54 respondents)	Average for all respondents (% of the 241 responses)
Clean drinking water	84%	90%	98%	80%	88%
Habitat for plants and animals	69%	71%	69%	56%	66%
Fish and fishing	26%	25%	31%	41%	30%
Viewscapes, aesthetics, quality of life	27%	25%	25%	28%	27%
Dilution of treated effluent	22%	12%	22%	26%	20%
Recreation and tourism	27%	22%	8%	17%	19%
High water levels	27%	10%	0%	24%	17%
Irrigation for agriculture	12%	19%	16%	13%	15%
Low water levels	17%	15%	4%	17%	14%
Economic and employment benefits	14%	5%	20%	13%	13%
First Nations cultural significance	6%	3%	6%	7%	6%
Other	4%	10%	8%	13%	8%

This table shows the number of times that respondents checked identified the options provided (combining first, second and third choices), as a percentage of respondents from that area. The responses have been organized according to the residence of the person completing the form. Respondents from Lake Cowichan, Youbou, Honeymoon Bay, Mesachie Lake and Maple Bay were categorized as "Lake" residents. Those living along the Cowichan River or in Duncan are called "River/Duncan" respondents. Respondents from the District of North Cowichan are listed separately (and include residents of Crofton and Chemainus). People from all other areas (the estuary and people with a permanent residence outside of the Basin) are categorized as "other." There were only eight respondents from the estuary area so it was not appropriate to classify them separately.

Comments received on this question included:

- **Ecosystem protection:** a healthy ecosystem is important for people as well as wildlife
- **Lake levels:** the pros and cons of raising the weir
- **Effluent management:** concerns about treated effluent going into the river
- **Drinking water:** should be clean and free of chemicals
- **Water quality:** important to have clean water for people and wildlife
- **Logging and forestry:** overcutting leading to siltation and loss of storage
- **Population growth and development:** more people will put stress on water supply
- **Recreation and tourism:** the river has high tourism values

Several people commented that all of the options given were important.

Issues for the Water Management Plan

When asked “*What are the three most important issues that the Water Management Plan should address,*” people identified their first, second and third choices as shown in Table 19.

Table 19

Most important issues for the Water Management Plan (by choice), identified in the public response forms

	First choice	Second choice	Third choice	Total
Sufficient household water supply	87	52	14	153
Sufficient water for fish and fishing	25	73	27	125
Managing growth and development	14	59	36	109
Reducing demand for water	31	57	20	108
Responding to impacts of climate change	10	22	17	49
Addressing waterfront landowner concerns	18	20	9	47
Protecting recreation and tourism values	1	17	22	40
Sufficient water for effluent management	2	21	14	37
Sufficient water for irrigation	0	13	8	21
Reducing siltation in lower reaches	3	11	5	19
Sufficient water supply for business	1	10	6	17
Sufficient water for Crofton Mill	0	10	7	17
Other	8	8	7	23

This table shows the number of times that respondents identified the options provided as their first, second and third choice for ‘most important aspect of water.’ If people checked several boxes without ranking them, all responses were assigned as a ‘second choice’. Several people checked more than three boxes, and there were several suggestions for aspects other than those given.

The four most popular choices were sufficient water for household supply (drinking water), sufficient water for fish and fishing, managing growth and development, and reducing the demand for water. ‘Other’ issues that respondents identified included protecting water quality, education on the value/conservation of water, ecosystem and species protection and managing logging practices.

Again, choices varied slightly according to where respondents live (see Table 20). When compared to the ‘average’ respondent, North Cowichan residents were most likely to be concerned with household water supply and growth and development. Lakefront residents were most anxious about waterfront landowner concerns (however, this still ranked fifth among their important issues). Managing growth and development was a much higher priority in North Cowichan than elsewhere, and water for irrigation, business, Crofton’s mill, and sediment movement ranked low in all locations.

Table 20
Most important issues for the Water Management Plan (percent of responses, by area of residence), identified in the public response forms

	Lake (% of the 77 respondents)	River/Duncan (% of the 59 respondents)	North Cowichan (% of the 51 respondents)	Other (% of the 54 respondents)	Average for all respondents (% of the 241 responses)
Sufficient household water supply	58%	63%	75%	61%	63%
Sufficient water for fish and fishing	55%	53%	41%	57%	52%
Managing growth and development	47%	36%	61%	39%	45%
Reducing demand for water	40%	51%	53%	37%	45%
Responding to impacts of climate change	18%	19%	33%	13%	20%
Addressing waterfront landowner concerns	32%	8%	4%	28%	20%
Protecting recreation and tourism values	21%	14%	8%	22%	17%
Sufficient water for effluent management	14%	14%	12%	22%	15%
Sufficient water for irrigation	5%	12%	10%	9%	9%
Reducing siltation in lower reaches	9%	5%	8%	9%	8%
Sufficient water supply for business	6%	5%	4%	13%	7%
Sufficient water for Crofton Mill	5%	2%	10%	13%	7%
Other	6%	17%	10%	13%	10%

This table shows the number of times that respondents checked identified the options provided (combining first, second and third choices), as a percentage of respondents from that area.

Comments made in response to this question related to:

- **Water quality:** reduce pollution, siltation and effluent discharge
- **Water conservation:** reduce demand through education
- **Growth and development:** stop or control it
- **Water planning:** a plan (and action on the plan) are needed, with public input

Solutions

Respondents were asked “what should be done to resolve these issues?” This was deliberately set as an open ended question. The suggestions were varied and wide ranging, but can be summarized under the following headings.

- **Develop a plan:** There was considerable support for the notion of a Water Management Plan.
- **Get public input:** Talk to all residents of the basin, including ‘old-timers’, First Nations, provide various means for public input (such as the open houses) and make it the process open and science-based.
- **Conduct research:** Suggestions for research included information on the aquifer, leaking septic systems, water availability and alternatives to raising the weir.
- **Manage growth and development:** Development—especially around the lake—was a concern for many. Concerns included increased demand for water, the loss of lakeshore habitat (and resulting impacts on wildlife and water storage), and additional pollution of streams and the lake.
- **Encourage water conservation and demand management:** Numerous respondents raised concerns about water wasting, and suggested various forms of education, regulations, metering and pricing to reduce water use. Respondents also recommended that municipalities and industry (including NorskeCanada) reduce water use.
- **Raise the weir OR do not raise the weir:** Strongly expressed suggestions were received for and against raising the weir, with requests that landowners be compensated for loss of land if the weir were to be raised.
- **Find alternative storage:** There were several suggestions for providing additional storage elsewhere in the Cowichan Basin and in the Crofton/Chemainus area.
- **Maintain watershed health:** The health of the river and groundwater should be a top priority, and a precautionary approach should be taken in managing this resource.
- **Protect water quality:** Respondents requested top-of-the-line effluent treatment to protect the water quality in the river, and suggested regulations to control pollution from other sources (such as leaking septic systems and agricultural runoff).
- **Manage logging:** Respondents noted that the watershed forests play an important role in storing water, and that poor logging practices can lead to erosion and siltation

Additional Suggestions

Respondents were given an opportunity to make additional comments, and they did!

Major topics were:

- **General process:** Many people were happy to see that a Water Management Plan process is underway, and are looking forward to action, political support and a plan that truly addresses a full range of issues.
- **Weir levels:** This is clearly a ‘top-of-mind’ topic for many (both for and against raising the weir level).
- **Development:** Development should be controlled.
- **Logging:** Logging should be controlled.
- **Water quality:** The current water quality is first class, and this should be maintained by controls on pollution, effluent discharge, etc.
- **Drinking water:** Clean drinking water is a priority.
- **Demand management:** Individuals, municipalities and businesses should be encouraged or compelled to reduce water consumption and waste.
- **Crofton Mill and Crofton use of water:** The NorskeCanada mill and Town of Crofton should seek alternative (more local) storage.
- **Sustainability and ecosystem health:** Ecosystem protection is fundamental to the future health of people and wildlife.

Making Contact

When asked “*How would you like to be informed about further developments on the Water Management Plan, including future open houses?*” respondents noted their preferred methods were:

- Newsletters (119)
- Newspaper advertisements (117)
- E-mail (87)
- CVRD Web site (39)
- Other (17), including regular mail, through local organization newsletters, bulletins boards, and local radio stations.

A complete transcript of the comments received can be seen in the document “Response Form Comments June 2005” (available from http://www.cvrld.bc.ca/water_cowichan/index.htm).