



Environment, Energy
and Climate Action

Prince Edward Island High Capacity Wells

November 2021

The following tables list the high capacity wells in the province of Prince Edward Island and the extraction rate approved for withdrawal. They are separated into separate tables by use for aquaculture, municipal central supply, private central supply, irrigation for agriculture, irrigation for other purposes, industrial/commercial and others (heat transfer, fire). Actual use may be less than the approved rate.

Prince Edward Island High Capacity Wells - Aquaculture

Year	Owner	Location	Purpose	Fresh/Salt Water	Months of Usage	Well Number	Total Extraction Rate (igpm)**
Before1990*	Acadian Fisheries Co-op	Abram's Village	Aquaculture & Industrial	Salt water	3	3	100-200***
Before1990*	Acadian Seaplants Ltd	Naufrage	Aquaculture & Industrial	Salt water	3	1	100-200***
Before1990*	Alberton Fisheries Ltd.	Alberton	Aquaculture & Industrial	Salt water	3	2	100-200***
Before1990*	Beach Point Co-op	Beach Point	Aquaculture & Industrial	Salt water	3	4	100-200***
Before1990*	Murray Harbour Seafoods	Murray Harbour	Aquaculture & Industrial	Salt water	3	6	100-200***
Before1990*	Tignish Fisheries	Tignish Run	Aquaculture & Industrial	Salt water	3	1	100-200***
1987	Dept. of Fisheries & Oceans	Ellerslie	Aquaculture & Industrial	Salt water	3	1	150
1988	Dover Fish Hatchery	Dover	Aquaculture	Fresh water	12	3	400
1990	Edward Gallant & Sons	Mininegash	Aquaculture & Industrial	Salt water	3	1	50
1991	Carr's Lobster Pound/Carr's Shellfish Market	Stanley Bridge	Aquaculture & Industrial	Salt water	3	1	400
1995	PEI Mussel Farms	Red Head	Aquaculture & Industrial	Salt water	12	1	80
1995	Royal Star Foods	Tignish	Aquaculture & Industrial	Salt water	3	2	500
1995	Souris Food Park Development	Souris	Aquaculture & Industrial	Salt water	12	2	500
1996	Mark MacPhee	Little Harbour/Souris	Aquaculture & Industrial	Salt water	3	1	550
1998	Guimond Ass. Ltd. c/o J.W	Borden - Carleton	Aquaculture & Industrial	Salt water	3	1	500
1999	Polar Sea Foods c/o JWEL	Borden - Carleton	Aquaculture & Industrial	Salt water	3	1	166
2000	Craig Boudreau	Pleasant Grove	Aquaculture & Industrial	Salt water	3	1	500
2003	Confederation Cove Mussel/Howard Cove shellfish	Borden	Aquaculture & Industrial	Salt water	12	3	800
2004	Canadian Mussels Ltd.	Gaspereaux	Aquaculture & Industrial	Salt water	12	3	1200
2004	Ewen Clark	Summerside	Aquaculture & Industrial	Salt water	6	1	500
2005	Ewen Clark	Summerside	Aquaculture & Industrial	Salt water	6	1	500
2010	Dover Fish Hatchery	Alliston	Aquaculture	Fresh water	12	3	500
2011	AquaBounty Canada	Souris	Aquaculture & Industrial	Salt water	12	1	250
2013	Finance PEI	Souris	Aquaculture & Industrial	Salt water	0	3	1500
2013	Halibut PEI	Victoria	Aquaculture & Industrial	Salt water	12	2	450
2015	Ocean Trout Farms Inc	Brookvale	Aquaculture	Fresh water	12	3	900
2016	AquaBounty Canada	Rollo Bay	Aquaculture	Fresh water	12	4	1375
2016	Summerside Port Corporation Inc.	Summerside	Aquaculture	Salt water	3	1	750
2017	Prince Edward Aqua Farms	Springbrook	Aquaculture & Industrial	Salt water	12	5	500
2017	Prince Edward Aqua Farms	Springbrook	Aquaculture & Industrial	Salt water	12	4	1000
2017	Mytilus Parent Ltd.	Orwell Cove	Aquaculture & Industrial	Salt water	12	2	450
2018	Tethys Aquaculture Canada	Victoria	Aquaculture & Industrial	Fresh water	12	2	200
2018	Tethys Aquaculture Canada	Victoria	Aquaculture & Industrial	Salt water	12	2	200
2018	Raspberry Point Oysters	North Rustico	Aquaculture & Industrial	Salt water	12	2	250
2019	The center for Aquaculture Technologies Canada(CATC)	Souris	Aquaculture & Industrial	Fresh water	12	1	30
					Total	75	

* Wells drilled before 1990 did not have a groundwater permit.

** Total extraction rate is the total approved withdrawal that may be utilized from the well or group of wells. Actual use may be less.

*** Estimated Flow

Prince Edward Island High Capacity Wells - Municipal Central Supply

Year	Owner	Location	Purpose	Months of Usage	Number of Wells	Total Extraction Rate (igpm)*
1888	Charlottetown Water and Sewer Utility	Charlottetown	Central Water Supply	2	1	200
1940	Slemon Park Corporation	Slemon Park	Central Water Supply	12	3	200
1990	City of Summerside	Summerside	Central Water Supply	12	1	50
1993	City of Summerside	Summerside	Central Water Supply	12	1	275
1993	City of Summerside	Summerside	Central Water Supply	12	1	0
1993	City of Summerside	Summerside	Central Water Supply	12	1	100
1993	City of Summerside	Summerside	Central Water Supply	12	1	50
1993	City of Summerside	Summerside	Central Water Supply	12	1	70
1993	City of Summerside	Wilmot	Central Water Supply	12	5	1000
1995	Town of Montague	Montague	Central Water Supply	12	2	300
1995	Town of Souris	Souris	Central Water Supply	12	4	500
1999	Town of Stratford	Stratford	Central Water Supply	12	2	350
2000	Town of Cornwall	Cornwall	Central Water Supply	12	2	50
2000	Town of Cornwall	Cornwall	Central Water Supply	12	2	60
2001	Charlottetown Water and Sewer Utility	Suffolk	Central Water Supply	12	4	800
2002	Community of Tignish	Tignish	Central Water Supply	12	3	150
2002	Town of Borden-Carleton	Borden-Carleton	Central Water Supply	12	5	250
2005	Town of Kensington	Kensington	Central Water Supply	12	4	80
2005	Abegweit First Nations	Lennox Island	Central Water Supply	12	3	100
2007	Charlottetown Water and Sewer Utility	Brackley	Central Water Supply	12	4	1000
2007	Charlottetown Water and Sewer Utility	Miltonville	Central Water Supply	0	5	1050
2007	Charlottetown Water and Sewer Utility	Union	Central Water Supply	12	5	1250
2007	Georgetown Water Utility	Georgetown	Central Water Supply	12	3	500
2008	Abegweit First Nations	Scotchfort	Central Water Supply	12	2	100
2008	Town of Stratford	Stratford	Central Water Supply	12	2	50
2008	Community of North Rustico	North Rustico	Central Water Supply	12	3	50
2009	Town of Stratford	Stratford	Central Water Supply	12	3	300
2010	Town of Stratford	Stratford	Central Water Supply	12	2	375
2010	Community of Crapaud	Crapaud	Central Water Supply	12	2	80
2011	Village of Victoria	Victoria	Central Water Supply	12	2	100
2017	Town of Cornwall	Cornwall	Central Water Supply	12	3	150
2019	City of Summerside	Linkletter	Central Water Supply	12	3	750
				Total	85	

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Prince Edward Island High Capacity Wells - Private Central Supply

Year	Owner	Location	Purpose	Months of Usage	Number of Wells	Total Extraction Rate (igpm)*
1995	Western Destinations Inc.	Mill River	Central Water Supply	12	1	50
1997	GAPC Canada Ltd.	Point Pleasant	Central Water Supply	12	1	100
1999	Brudenell Resort	Brudenell	Central Water Supply	12	1	240
1999	Crowbush Resort	Lakeside	Central Water Supply	12	1	150
2000	Carl Barton	Cavendish	Central Water Supply	12	1	50
2000	Mar-Wood Properties	Roseneath	Central Water Supply	12	1	65
2000	Neil MacDonald	Brudenell	Central Water Supply	12	1	75
2001	Allan Potato Handling Equ	Dunedin	Central Water Supply	12	1	55
2001	Northport Development Inc	Northport	Central Water Supply	12	1	105
2003	Glasgow Hills Corporation	New Glasgow	Central Water Supply	12	1	50
2003	MacRae Holdings	Winsloe	Central Water Supply	12	1	50
2004	Maude & Robert Taylor Matheson	North Granville	Central Water Supply	12	1	83
2007	Parks Canada	Dalvay	Central Water Supply	12	1	100
				Total	13	

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Prince Edward Island High Capacity Wells - Irrigation - Other

Year	Owner	Location	Purpose	Months of Usage	Number of Wells	Total Extraction Rate (igpm)**
1995	Brudenell River & Dunderave Golf Course	Brudenell	Irrigation- Golf	4	2	250
1995	Glen Afton Golf Course	Nine Mile Creek	Irrigation- Golf	4	1	300
1998	Countryview Golf Club	Fairview	Irrigation- Golf	4	2	40
1999	Crowbush Cove	Lakeside	Irrigation- Golf	4	1	300
1999	Fox Meadow Golf course	Stratford	Irrigation- Golf	4	1	105
1999	Glasgow Hills Resort & Golf	New Glasgow	Irrigation- Golf	4	1	300
1999	Mill River Golf Course	Woodstock	Irrigation- Golf	4	1	200
2000	Andersons Creek Golf Club	Stanley Bridge	Irrigation- Golf	4	2	100
2000	Rustico Resort Golf & Tennis Club	Cymbria	Irrigation- Golf	4	1	215
2001	Brudenell River & Dunderave Golf Course	Roseneath	Irrigation- Golf	4	1	250
2001	Central Queens Soccer Ass	Hunter River	Irrigation - Soccer	3	1	100
2001	Eagles Glenn Golf Resort	Cavendish	Irrigation- Golf	4	1	60
2001	Stanhope Golf & Country	Stanhope	Irrigation- Golf	4	1	250
2016	Clyde River Golf Club	Clyde River	Irrigation- Golf	4	1	30
*	Green Gables Golf Club	Cavendish	Irrigation- Golf	4	1	500
				Total	18	

* No permit due to the owner being the Federal Government.

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Prince Edward Island High Capacity Wells - Agricultural Irrigation

Year	Owner	Location	Purpose	Months of Usage	Number of Wells	Total Extraction Rate (igpm)*
1994	BIRCH FARMS LIMITED	Bedeque	Irrigation - Agriculture	2-3	1	300
1994	Cavendish Farms	Stanley Bridge	Irrigation - Agriculture	2-3	1	250
1994	Fairhaven Farms Ltd	Lower Bedeque	Irrigation - Agriculture	2-3	1	200
1994	Gary Linkletter	Linkletter	Irrigation - Agriculture	2-3	1	300
1994	Gary Linkletter	Linkletter	Irrigation - Agriculture	2-3	1	240
1994	Leo Bealieu	Kensington	Irrigation - Agriculture	2-3	1	180
1994	WILLARD WAUGH & SONS LTD	Wilmot	Irrigation - Agriculture	2-3	1	425
1995	Bedeque Farms Ltd.	Bedeque	Irrigation - Agriculture	2-3	1	365
1995	Bedeque Farms Ltd.	Chelton	Irrigation - Agriculture	2-3	1	300
1995	Bedeque Farms Ltd.	Fernwood	Irrigation - Agriculture	2-3	1	400
1995	Cavendish Farms	Baltic	Irrigation - Agriculture	2-3	1	150
1995	Cavendish Farms	Clermont	Irrigation - Agriculture	2-3	1	400
1995	Cavendish Farms	Darnley	Irrigation - Agriculture	2-3	1	175
1995	Cavendish Farms	Freetown	Irrigation - Agriculture	2-3	1	600
1995	Cavendish Farms	French River	Irrigation - Agriculture	2-3	1	500
1995	Cavendish Farms	Indian River	Irrigation - Agriculture	2-3	1	400
1995	Cavendish Farms	Traveller's Rest	Irrigation - Agriculture	2-3	1	450
1995	Cavendish Farms	Freetown	Irrigation - Agriculture	2-3	1	500
1995	Gary Linkletter	Miscouche	Irrigation - Agriculture	2-3	1	280
1995	Gary Linkletter	Miscouche	Irrigation - Agriculture	2-3	1	475
1995	INDIAN RIVER FARMS LTD	Baltic	Irrigation - Agriculture	2-3	1	200
1995	INDIAN RIVER FARMS LTD	Baltic	Irrigation - Agriculture	2-3	1	300
1996	Cavendish Farms	Grahams Road	Irrigation - Agriculture	2-3	1	200
1996	HAKKERS PRODUCE INC	Newtown Cross	Irrigation - Agriculture	2-3	1	245
1996	INDIAN RIVER FARMS LTD	Baltic	Irrigation - Agriculture	2-3	1	170
1996	INDIAN RIVER FARMS LTD	Baltic	Irrigation - Agriculture	2-3	1	175
1996	Leo Bealieu	Lower Hamilton	Irrigation - Agriculture	2-3	1	200
1998	McCain Foods Ltd, Tyler Langdon	Central Bedeque	Irrigation - Agriculture	2-3	1	250
1999	Birch Farms Ltd.	Lower Bedeque	Irrigation - Agriculture	2-3	1	400
1999	Island Milk Distributors Ltd	Hazel Grove	Irrigation - Agriculture	2-3	1	90
1999	Leo Bealieu	Baltic	Irrigation - Agriculture	2-3	1	200
2000	HAKKERS PRODUCE INC	Newtown Cross	Irrigation - Agriculture	2-3	1	140
2001	Bedeque Farms Ltd.	Fernwood	Irrigation - Agriculture	2-3	1	250
2001	BIRCH FARMS LIMITED	Searltown	Irrigation - Agriculture	2-3	1	280
2001	Kevin Carver	Alliston	Irrigation - Agriculture	2-3	1	200
2001	VALLEY GROVE ENTERPRISES LTD	Port Hill	Irrigation - Agriculture	2-3	1	700
				Total	36	

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Prince Edward Island High Capacity Wells - Industrial/Commercial

Year	Owner	Location	Purpose	Months of Usage	Well Number	Total Extraction Rate (igpm)*
1987	O'Leary Produce	Fortune Cove	Industrial	4	1	200
1988	Leaver Mushroom Co.	Lower Freetown	Industrial	4	1	50
1989	Doiron Fisheries	North Rustico	Industrial	3	1	100
1989	Harrington Farm Centre	Harrington	Industrial	12	1	60
1989	PEI Tourism & Parks	Brookvale	Commercial	4	2	50
1990	Swim Gym Fitness Center	Montague	Commercial	12	1	40
1994	Central Kings Development	Rosneath	Industrial	12	1	125
1994	Island Stone Products Ltd	Kilmuir	Industrial	12	1	100
1994	Strait Crossing Joint Venture	Carleton	Industrial	12	1	60
1995	PEI Mussel Farms Inc.	Red Head	Industrial	12	1	80
1996	Western Development Corp.	Ellerslie	Industrial	12	1	150
1997	East Prince Waste Managem	Wellington	Industrial	12	1	100
1996	Keeping and MacKay Ltd.	Beach Point	Industrial	12	6	325
2000	North Lake Fisheries Co-op	North Lake	Industrial	4	3	165
2002	Albany Beef Plant	Albany	Industrial	12	2	150
2002	Island waste management centre	Brookfield	Composting	12	2	60
2005	100447 PE Inc.	Cavendish	Commercial - Fun park	4	1	10
2006	Cavendish Farms	Clermont Station	Industrial	12	3	417
2006	Cavendish Farms	New Annan	Industrial	12	8	790
2008	Inn at Spry Point	Spry Point	Commercial	12	1	50
2009	Sherwood Forest subdivision	Crapaud	Commercial	12	1	80
2017	Sandspit Entertainment	Cavendish	Commercial - Fun park	4	1	5
2018	Jasper Wyman & Son Canada Inc.	Morell	Industrial	12	3	200
				Total	44	

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Prince Edward Island High Capacity Wells - Heat Transfer, Fire

Year	Owner	Location	Purpose	Months of Usage	Number of Wells	Total Extraction Rate (igpm)*
1995	Royal Star Foods	Jude's Point	Fire	0	1	500
1995	St. Peters Dev. Corp (Fire Dept.)	St. Peter's	Fire	0	1	75
1997	Diagnostic Chemicals Ltd./Biovectra Inc.	Charlottetown	Heating	12	1	110
1997	Env. Ind. Services Inc.	Poole's Corner	Fire	0	1	100
1997	Loyalist Country Inn	Summerside	Heating	12	1	80
1997	Wandlyn /Holiday Inn	Charlottetown	Heating	12	1	50
1997	Watts Properties Inc.	Summerside	Heating	12	1	150
1999	Borden Carleton Holding	Borden Carleton	Heating	12	1	60
1999	Southport Home Centre Ltd	Stratford	Fire	0	1	100
1999	Transporation and Public	Tyne Valley	Fire	0	1	300
2001	Alberton Fire Hall	Alberton	Fire	0	2	180
2001	East Prince Health/Prince County Hospital	Summerside	Heating	12	1	60
2001	Rodd Golf and Beach Hotel	Lakeside	Heating	12	1	100
2002	Atlantic Technology centre/Holland College	Charlottetown	Heating	12	1	104
2002	UPEI	Charlottetown	Heating	12	2	325
2003	MDS - Production facility	Slemon Park	Heating	12	1	100
2004	Cavendish Farm	O'Leary	Fire	0	1	200
2004	PEI energy/ VERESEN ENERGY INFRASTRUCTURE	Charlottetown	Heating	12	1	75
2004	Summerside Wellness Centre	Summerside	Heating	12	1	125
2008	Cows	Charlottetown	Heating	12	1	100
2010	Inn on the Hill/Quality Suits	Charlottetown	Heating	12	1	80
2014	Novartis Animal Health Canada/ ELANCO CANADA	Charlottetown	Heating	12	1	200
2017	Bedeque Area Recreation Center	Central Bedeque	Fire	0	1	350
2018	Tyne Valley Rural Community Fire Company	Tyne Valley	Fire	0	1	350
2019	Federal Government-DVA	Charlottetown	Heating	12	1	150
2021	Charlottetown Area Development Corporation (CAD)	Charlottetown	Heating	12	1	80
2021	UPEI	Charlottetown	Heating	12	4	600
2021	PEI Transportation and Infrastructure Department	Cornwall	Heating	12	2	300
				Total	34	

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