

DEVELOPMENT COST CHARGES CONSULTATION PROCESS July 17, 2013 – Comments

An important part of the process of reviewing and revising DCC rates is public consultation and input. The open house today is designed to provide information on what DCCs are, who pays them, what the money is used for and how the rates are calculated. All the information gathered will be submitted to Council in a public presentation at a Committee of the Whole meeting. Further public presentations may be held if required prior to the Development Cost Charges bylaw being presented for consideration at a regular Council meeting. Your input is valued at any time during the process and we encourage you to talk to one of the City representatives listed below.

Comments in writing should be submitted by August 16 to:

Administration Department, City of Parksville Box 1390, 100 Jensen Avenue East Parksville, BC V9P 2H3

1. Please provide the following information to help us respond to your comments.

Name:	Phone:
Address:	Email:

2. Please indicate any of the following which apply:

City of Parksville Resident/Taxpayer	Yes	No
Business Owner / Operator in City of Parksville	Yes	No
Developer	Yes	No
Public Interest Organization Representative	Yes	No

3. Comments on the proposed DCC rates? (If not enough space here, please write on back)

THANK YOU FOR ATTENDING THE OPEN HOUSE TODAY

Fred Manson, Chief Administrative Officer	250 954-4666
Lucky Butterworth, Director of Finance	250 954-3063
Blaine Russell, Director of Community Planning	250 954-4673
Vaughn Figueira, Director of Engineering	250 951-2473



DEVELOPMENT COST CHARGES

INFORMATION SESSION

July 17, 2013



City of Parksville | 100 Jensen Avenue East (P O Box 1390), Parksville, BC V9P 2H3 Phone 250 248-6144 | Fax 250 954-6650 | <u>www.parksville.ca</u>



WHAT ARE DEVELOPMENT COST CHARGES?

Development cost charges (DCCs) are monies that are collected from land developers by a municipality to offset some of the infrastructure expenditures incurred to service the needs of new development.

A COMMON PHILOSOPHY

"The developer must pay for the costs associated with development."

MUNICIPAL VERSUS DEVELOPMENT

The cost of DCC projects are allocated between growth and the existing population. The total municipal contribution is the portion of the capital costs that will benefit existing users. The portion of the capital costs associated with growth and development represent the developer contribution.

MUNICIPAL ASSIST FACTOR

The Municipal Assist Factor is separate from any allocation of cost made between new development and existing users. The assist factor is the contribution that the existing population provides to assist growth in paying its portion of the DCC infrastructure costs.

DCCs =

Net Capital Infrastructure Costs (- % Assist Factor)

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New Development Units

City of Parksville | 100 Jensen Avenue East (P O Box 1390), Parksville, BC V9P 2H3 Phone 250 248-6144 | Fax 250 954-6650 | www.parksville.ca



FIVE DCC CATEGORIES

- Open spaces/parkland
- Roads
- Storm sewer
- Water
- Sanitary sewer

DCC RATE CALCULATION FACTORS

- Required works
- Estimate Infrastructure costs
- Cost allocation to Growth/existing users
- Future Growth Projections
- Assign costs to land use types
- Convert costs into DCC rates
- Apply Assist factor

CITY OF PARKSVILLE ASSUMPTIONS

Municipal Assist Factor 1%
Projected population growth 1.15%
Single/multi-family dwelling proportion 59% / 41%
Occupancy rate per dwelling 2
2013 base population 12,157



2014 - 2033 DCC SUMMARY

	Roads	Storm	Water	Sanitary	Open Spaces	Total
8.1 Summary of Proposed DCCs					·	
Single Family Residential - Unit	6,487.17	1,586.03	11,075.82	207.52	1,249.03	20,605.57
Multi Residential -M ²	30.64	4.59	100.69	1.89	11.36	149.17
Commercial M ²	89.04	5.08	49.84	0.93	5.62	150.51
Industrial M ²	35.30	7.14	49.84	0.93	0.00	93.21
Institutional M ²	89.04	2.85	60.92	1.14	0.00	153.95
8.2 Comparison to Current DCCs						
Single Family Residential - Unit	3,799.98	1,383.79	6,997.14	381.49	1,911.04	14,473.44
Multi Residential -M ²	17.95	4.00	63.61	3.47	17.37	106.40
Commercial M ²	52.16	4.43	29.99	1.63	8.19	96.40
Industrial M ²	20.68	6.23	29.99	1.63	0.00	58.53
Institutional M ²	52.16	2.49	36.65	2.00	0.00	93.30
Difference						

Single Family Residential - Unit	2,687.19	202.24	4,078.68	(173.97)	(622.01)	6,132.13
Multi Residential -M ²	12.69	0.59	37.08	(1.58)	(6.01)	42.77
Commercial M ²	36.88	0.65	19.85	(0.70)	(2.57)	54.11
Industrial M ²	14.62	0.91	19.85	(0.70)	0.00	34.68
Institutional M ²	36.88	0.36	24.27	(0.86)	0.00	60.65



DCC OPEN HOUSE

Presentations - 4:00 pm and 5:30 pm

DCC Program Review Capital Projects

Display Information

Overview of DCC Process Capital Program Population Estimates Calculations Proposed DCC Rates Next Steps

WHAT'S NEXT

- Clarification or questions regarding the technical information prior to August 16 may be emailed to Lucky Butterworth at <u>Ibutterworth@parksville.ca</u>
- Comments in writing should be forwarded to the administration department.
- Staff to review input and make recommendations for DCC adjustments as required.
- Public meeting to receive public/stakeholder input TBA
- Council consideration of bylaw
- Possible public meeting to review any DCC adjustments
- Provincial approval of bylaw
- Council adoption of bylaw

CITY OF PARKSVILLE GENERAL REVENUE CAPITAL FUND DCC CAPITAL EXPENDITURES

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Parkland Open Spaces																				
Land Acquisition& Development for Park Expansion	0	0	0	0	0	0	1,000,000	0	0	0	0	1,000,000	0	0	0	0	1,000,000	0	0	0
Land acquisition & Development for Links Rathtrevor Trail Development	500,000	1,400,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trail Development	0	50,000	0	50,000	0	50,000	0	50,000	0	50,000	0	50,000	0	50,000	0	50,000	0	50,000	0	0
	500,000	1,450,000	0	50,000	0	50,000	1,000,000	50,000	0	50,000	0	1,050,000	0	50,000	0	50,000	1,000,000	50,000	0	0
Parkland Open Spaces Source of Funds																				
Operations Existing	125,000	350,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Existing Municipal Assist	3.750	11.000	0	500	0	500	10.000	500	0	500	0	10,500	0	500	0	500	10,000	500	0	0
Total Operations	128,750	361,000	0	500	0	500	10,000	500	0	500	0	10,500	0	500	0	500	10,000	500	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Donations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Parkland Reserve	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Off Street Parking Reserve	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Sale Reserve	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
General Capital Reserve	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carry Forward reserve Short Term Capital Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Debt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DCC Open Space Reserve	371,250	1,089,000	0	49,500	0	49.500	990,000	49,500	0	49,500	0	1,039,500	0	49,500	0	49,500	990.000	49,500	0	0
Dee open opace reserve		1,003,000	0	43,000	0	43,300	330,000	43,300	0	+3,300	0	1,055,500	0	+3,500	0	43,300	330,000	43,000	0	0
Total Parkland Open Spaces Sources of Funds	500,000	1,450,000	0	50,000	0	50,000	1,000,000	50,000	0	50,000	0	1,050,000	0	50,000	0	50,000	1,000,000	50,000	0	0
Open Space DCC Reserve Fund																				
Opening Balance	2,100,945	1,891,036	910,195	1,054,740	1,150,716	1,304,191	1,405,236	414,934	497,212	641,143	727,792	878,566	-292,728	-157,847	-86,552	52,923	127,318	-1,138,299	-1,100,583	-991,802
Add: Interest Earned	41,612	20,029	23,209	25,321	28,699	30,922	9,131	10,941	14,108	16,015	19,333	0	0	0	1,165	2,802	0	0	0	0
D.C.C. Revenue	119,729	120,800	121,336	123,699	124,776	125,311	126,395	128,752	129,823	130,370	131,441	133,799	134,881	135,952	138,310	138,858	106,622	107,699	108,781	94,790
Less: Trans for Capital	074 050	4 000 000	•	40 500	0	40 500	000 000	40 500	0	40 500	0	1 000 500	0	40 500	0	40 500	000.000	40 500	~	0
Expenditure	371,250	1,089,000	0	49,500	0	49,500	990,000	49,500	0	49,500	0	1,039,500	0	49,500	0	49,500	990,000	49,500	U	0
Closing Balance	\$1,887,998	\$937,428	\$1,079,507	\$1,176,525	\$1,327,414	\$1,431,619	\$577,586	\$668,349	\$812,836	\$910,506	\$1,062,055	\$156,476	\$294,489	\$386,062	\$532,660	\$632,489	\$(253,531)	\$(198,001)	\$(91,915)	\$531

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CITY OF PARKSVILLE GENERAL REVENUE CAPITAL FUND OPEN SPACES DCC CAPITAL EXPENDITURE PROGRAM

		4.2 Ec	quivalent Po	opulation Ca	Iculation	4.3 DCC Calc	lulation for Ope	en spaces															
			Total Units	Density or Equivalent Population Factor		DCC Capital & Debt Cost Allocation	Required DCC Rates	Old Rates															
	Single Family Residential		381	2	762	,	1249.03	1911.04															
	Multi Residential - M ²		136,930	0.0181818	2490		11.36																
	Commercial M ²		69,238	0.009			5.62																
	Industrial M ²			0.0045		0	0.00																
	Institutional M ²			0.011	0	0	0.00	0															
					3875	2,419,998																	
Year			2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	
	Capital Cost		500,000	1,450,000	0	50,000	0	50,000	1,000,000	50,000	0	50,000	0	1,050,000	0	50,000	0	50,000	1,000,000	50,000	0	0	\$5,350,000
	Grants		0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Donations		0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Parkland Reserve		0	0	0	•	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Off Street Parking Reserve Land Sale Reserve		0	0	0	•	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	General Capital Reserve		0	0		•	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Carry Forward reserve		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Short Term Capital Borrowi	na	0	0	0	•	0	0	0	0	0	0	Ő	0	0	0	0	0	ů 0	0	0	0	ů 0
	Debt		0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Net Cost Allocation -Existing		500,000 125,000					/	1,000,000 0	50,000 0	0 0	50,000 0	0 0	1,050,000 0	0 0	50,000 0	0 0	50,000 0	1,000,000 0	50,000 0	0 0	0 0	5,350,000 475,000
	Allocation - New	-	375,000	1,100,000	0	50,000	0	50,000	1,000,000	50,000	0	50,000	0	1,050,000	0	50,000	0	50,000	1,000,000	50,000	0	0	4,875,000
	Municipal Assist	I.00%	3,750	11,000	0	500	0	500	10,000	500	0	500	0	10,500	0	500	0	500	10,000	500	0	0	48,750
	Total Municipal Cost	=	128,750	361,000	0	500	0	500	10,000	500	0	500	0	10,500	0	500	0	500	10,000	500	0	0	523,750
	DCC Allocation Interest allocation		371,250 41,545						990,000 12,710	49,500 14,707	0 17,886	49,500 20,036	0 23,370	1,039,500 3,443	0 6,480	49,500 8,495	0 11,721	49,500 13,918	990,000 0	49,500 0	0 0	0 12	4,826,250 305,307
																			E	xisting Open	spacesDCC	Reserve Fund	Balan 2,100,945
																			Ν	et Amount to	be Paid by	DCC's	\$2,419,998

CITY OF PARKSVILLE GENERAL REVENUE CAPITAL FUND DCC CAPITAL EXPENDITURE PROGRAM

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
ROAD DCC PROJECTS																				
	_	_	_	_		_	_		_	_	_		_	_			_	_	_	_
Despard: Hwy 4a to Craig	0	0	0	0	0	0	0	0	0	0	0	, - ,	0	0	0	0	0	0	0	0
Hirst Ave: MacMillian to Moilliet	0	0	0	0	937,500		0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hwy 19A: Finholm to Rushton Lane	0	0	0	0	0	0	0	0	0	0	0	857,296	0	0	0	0	0	0	0	0
Hwy 19A: Langara to Grieg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,375,000
Hwy 4A: Despard to Jensen	0	0	0	0	0	0	0	3,005,000	0	0	0	0	757.000	0	0	0	0	0	0	0
Jensen; Bagshaw - Isl Hwy	0	0	0	0	0	0	0	0	0	0	0	0	757,000	0	0	0	0	0	0	0
Jensen, Corfield to Bagshaw	0	0	0	0	0	0	0	0	0	-	0	•	648,300 0	0	0	0	0	0	-	0
Northwest Bay Road: Langara to Boundary	0	0	0	0	0	0	0	0	0	0	0	1,875,000 0	Ũ	0	0	0	0	0	0	0
Stanford Ave: Hwy 19a to Craig Traffic Signals	0	0	0	0	0	0	0	0	0	0	0	0	1,875,000	0	0	0	0	0	0	0
Despard Ave/Craig	0	0	0	0	0	0	0	0	0	0	0	250,000	0	0	0	0	0	0	0	0
Jensen Ave/Alberni Highway Upgrade	0	0	0	0	0	0	0	0	0	0	0	250,000	798,500	0	0	0	0	0	0	0
Jensen Ave/Craig St	0	0	0	0	0	0	0	0	0	0	0	0	250,000	0	0	0	0	0	0	0
Stanford Ave/ Craig St	0	0	0	0	0	0	0	0	0	0	0	0	250,000	0	0	0	0	0	0	0
Intersection Shelly to Hwy 19A	0	0	0	0	0	•	0	0	0	0	0	0	230,000	0	0	0	0	0	0	0
Intersection Shelly to Tiwy TSA	0	0	0	0	0	230,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total DCC Captial	0	0	0	0	937,500	250,000	0	3,005,000	0	0	0	4,276,296	4,578,800	0	0	0	0	0	0	5,375,000
DCC Roads Source of Funds Operations Existing Municipal Assist	0	0	0	0	0 9,375		0	0 30,050	0	0	0	0 42.763	2,114,885 24.640	0	0	0	0	0	0	0 53,750
Total Operations	0	0	0	0	9,375	2,500	0	30,050	0	0	0	42,763	2,139,525	0	0	0	0	0	0	53,750
Grants	0	0	0	0	0,070	2,000	ů 0	00,000	0	0	Ő	12,700	2,100,020	0	ů 0	Ő	0	Ő	0	00,700
Donations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
General Capital Reserve	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carry-forward Reserve	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Debt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Road DCC Reserve	0	0	0	0	928,125	247,500	0	2,974,950	0	0	0	4,233,533	2,439,275	0	0	0	0	0	0	5,321,250
Total Road DCC Source of Funds	0	0	0	0	937,500	250,000	0	3,005,000	0	0	0	4,276,296	4,578,800	0	0	0	0	0	0	5,375,000
DCC Road Reserve	_																			
Opening Balance	637,664	1,373,101	2,126,515	2,899,228	3,700,671	3,575,872	4,146,497	4,987,740	2,817,391	3,644,774	4,493,152	5,365,298	1,939,646	276,255	1,074,240	1,901,581	2,749,826	3,449,375	4,169,396	4,910,328
Add: Interest Earned	30,215	46,794	63,797	81,433	78,687	91,243	109,755	61,996	80,203	98,871	118,063	42,682	6,079	23,639	41,844	60,510	75,903	91,747	108,051	0
Trans To	705,222	706,620	708,916	720,010	724,639	726,882	731,488	742,605	747,180	749,507	754,083	765,199	769,805	774,346	785,497	787,735	623,646	628,274	632,881	404,581
Less: Current Years Trans From	0	0	0	0	928,125	247,500	0	2,974,950	0	0	0	4,233,533	2,439,275	0	0	0	0	0	0	5,321,250
Closing Balance	\$1,373,101	\$2,126,515	\$2,899,228	\$3,700,671	\$3,575,872	\$4,146,497	\$4,987,740	\$2,817,391	\$3,644,774	\$4,493,152	\$5,365,298	\$1,939,646	\$276,255	\$1,074,240	\$1,901,581	\$2,749,826	\$3,449,375	\$4,169,396	\$4,910,328	\$(6,341)
-																				

CITY OF PARKSVILLE GENERAL REVENUE CAPITAL FUND **ROADS DCC EXPENDITURE PROGRAM**

5.2 Traffic	Generation Calcula	ition		5.3 Unit R	oad DCC Ca	alculation																
	Estimated New Development	Wt. Trip Rate	Total Trip Ends		DCC per Trip End	Required DCC Rates	Old Rates															
Single Family Residential - Lots	381	1.020000	389)	6359.97	6,487.17	3799.98															
Multi Residential - M ²	136,930	0.004818	660)	6359.97	30.64	<u>17.95</u>															
Commercial M ²	69,238	0.014000	969		6359.97	89.04	52.16															
Industrial M ²	2,438	0.005550	14		6359.97	35.30	20.68															
Institutional M ²	14,274	0.014000	200)	6359.97	89.04	52.16															
	Total Trip Ends		2,232	14,195,457																		
		2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	
Capital Cost (from Schedule "C") Regular Capital Carry-forward Capital																						
		0	C	0 0	0	937,500	250,000	0	3,005,000	0	0	0	4,276,296	4,578,800	0	0	0	0	0	0	5,375,000	\$18,422,59
Less: Grants Other Carry-Forward	-	0 0	C C		0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
Net Cost Less: Allocation -Existing	-	0 0	C	· •	0 0	937,500 0	250,000 0	0 0	3,005,000 0	0 0	0 0	0 0	4,276,296 0		0 0	0 0	0 0	0 0	0 0	0 0	5,375,000 0	18,422,59
Allocation - New		0	C	0 0	0	937,500	250,000	0	3,005,000	0	0	0	4,276,296	2,463,915	0	0	0	0	0	0	5,375,000	16,307,71
Municipal Assist																						
Single Family Residential Multi Residential	1%	0	0	-	0	1,634 2,772	436 739	0	5,237 8,886	0	0	0	7,453 12,645	4,294 7,286	0	0	0	0	0	0	9,368 15,894	28,42 48,22
Commercial M2	1% 1%	0	0	· •	0	4,070	739 1,085	0	8,886 13,046	0	0	0	12,645	7,286 10,697	0	0	0	0	0	0	23,335	48,22 70,79
Industrial m2	1%	0	C	-	0	59	16	0	188	ů 0	0 0	0	268	155	0 0	0	ů 0	0 0	0 0	0	337	1,02
Institutional M2	1%	0	C	0	0	840		0	2,693	0	0	0	3,832	2,208	0	0	0	0	0	0	4,816	14,61
Total Municipal Assist	-	0	C) 0	0	9,375	2,500	0	30,050	0	0	0	42,763	24,640	0	0	0	0	0	0	53,750	163,07
Total Municipal Cost	=	0	C) 0	0	9,375	2,500	0	30,050	0	0	0	42,763	2,139,525	0	0	0	0	0	0	53,750	2,277,96
DCC Allocation	=	0	C) 0	0	928,125	247,500	0	2,974,950	0	0	0	4,233,533	2,439,275	0	0	0	0	0	0	5,321,250	16,144,63
Interest Allocation		30,215	46,794	63,797	81,433	78,687	91,243	109,755	61,996	80,203	98,871	118,063	42,682	6,079	23,639	41,844 Ex	60,510 kisting Road D0	75,903 CC Reserve Fu	91,747 und Balance	108,051	0	1,311,51 <u>637,66</u>

Year

Net Amount to be Paid by DCC's

\$14,195,457

CITY OF PARKSVILLE GENERAL REVENUE CAPITAL FUND DCC CAPITAL EXPENDITURE PROGRAM

Big Ave: Outfall 0		2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Bis Ave: Outfall 0	Storm Sewer DCC projects																				
Bis Ave: Outfall 0	Bagshaw St: Stanford to Hwy 19A	0	0	0	0	0	0	0	0	0	0	0	231,450	0	0	0	0	0	0	0	0
Forsynt Are: Cameron to Pym 0<		0	0	0	0	0	104,400	0	0	0	0	0		0	0	0	0	0	0	0	0
Hird Are: Med-Miller to Molifiet 0 <	Digby 3-1 Gaetjen to Outfall	0	0	0	0	0	246,800	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hwy 19: Shelly to Mills 0	Forsyth Ave: Cameron to Pym	0	0	0	0	0	0	205,800	0	0	0	0	0	0	0	0	0	0	0	0	0
Jenser: Exagative to Hwy 19A 0		0	0	0	93,800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jansan: Confield Baghaw 0	Hwy 19a: Shelly to Mills	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	146,500	0	0	0	0
McVickers-Fring AdSouth 0		0	0	0	0	0	0	0	0	0	0	0	0	0	176,300	0	0	0	0	0	0
Moss Ave: Bass to Craig Turner Road 0		Ũ	0	•	Ũ	•	•	-	•	0	•	Ũ	-	•		-	0	0	0	•	0
Turner Road 0 <th< th=""><th></th><th>0</th><th>0</th><th>0</th><th>-</th><th>0</th><th>0</th><th>0</th><th>0</th><th>0</th><th>0</th><th>0</th><th>0</th><th>0</th><th>105,820</th><th>0</th><th>0</th><th>0</th><th>0</th><th>0</th><th>0</th></th<>		0	0	0	-	0	0	0	0	0	0	0	0	0	105,820	0	0	0	0	0	0
Total DCC Capital 0 0 0 421,900 0 881,700 205,800 0 0 231,450 0 408,320 0 146,500 146,50 0 0 0 0 0 0 0 0		0	Ũ	Ũ		•	0	Ũ	Ũ	0	•	•	Ũ	0	0	0	0	0	0	•	0
DCC Storm Sewer Source of Funds Operations 0 0 375,066 0 117,800 0 0 0 111,096 195,994 0 </th <th>Turner Road</th> <th>0</th> <th>0</th> <th>0</th> <th>0</th> <th>0</th> <th>530,500</th> <th>0</th>	Turner Road	0	0	0	0	0	530,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Operations Existing 0 0 375,066 0 117,800 0 0 0 111,096 0 195,994 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 111,096 0 195,994 0	Total DCC Capital	0	0	0	421,900	0	881,700	205,800	0	0	0	0	231,450	0	408,320	0	146,500	0	0	0	0
Existing 0 0 375,066 0 117,800 0 0 111,096 195,994 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 111,096 195,994 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1204 0 1214 0 1466 0																					
Municipal Assist 0 0 468 7,639 2,059 0 0 1,204 0 2,124 0 1,466 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1,466 0	•	0	0	0	275.000	0	117 000	0	0	0	0	0	111 000	0	105 004	0	0	0	0	0	0
Total Operations 0 0 0 375,534 0 125,439 2,059 0 0 0 112,300 0 198,118 0 1,466 0	0							-		-								-	-		
Grants 0 <th></th> <th></th> <th></th> <th>9</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th><u> </u></th> <th></th> <th>•</th> <th></th> <th>Ŷ</th> <th></th> <th></th> <th></th> <th>0</th> <th>0</th> <th>3</th> <th></th>				9						<u> </u>		•		Ŷ				0	0	3	
Donations 0		-	-	-	,		,	,	-		-	-	,	-	,		,	0	0	•	
Parkland Reserve000 <th></th> <th></th> <th>0</th> <th>•</th> <th>•</th> <th></th> <th>•</th> <th></th> <th>•</th> <th>•</th> <th>0</th> <th>•</th> <th>•</th> <th></th> <th>•</th> <th>•</th> <th>0</th> <th>0</th> <th>0</th> <th>Ũ</th> <th></th>			0	•	•		•		•	•	0	•	•		•	•	0	0	0	Ũ	
Off Street Parking Reserve 0		0	0	•	Ũ	•	•	•	0	0	0	•	0	•	0	0	0	0	0	Ũ	
Land Sale Reserve000 <th></th> <th>0</th> <th>0</th> <th>0</th> <th>0</th> <th>0</th> <th>Ő</th> <th>•</th> <th>0</th> <th>0</th> <th>0</th> <th>•</th> <th>Ő</th> <th>Ő</th> <th>0</th> <th>0</th> <th>Ő</th> <th>0</th> <th>0</th> <th>0</th> <th></th>		0	0	0	0	0	Ő	•	0	0	0	•	Ő	Ő	0	0	Ő	0	0	0	
General Capital Reserve 0 <th>6</th> <th>0</th>	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carry-forward Reserve 0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Short Term Capital Borrowing 0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Debt 0	Storm DCC Zone IV	0	0	0	46,366	0	756,261	203,741	0	0	0	0	119,150	0	210,202	0	145,034	0	0	0	0
	Short Term Capital Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Storm Sewer Sources of Funds 0 0 421,900 0 881,700 205,800 0 0 0 408,320 0 146,500 0 </th <th>Debt</th> <th>0</th>	Debt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total Storm Sewer Sources of Funds	0	0	0	421,900	0	881,700	205,800	0	0	0	0	231,450	0	408,320	0	146,500	0	0	0	0
Storm DCC Reserve	Storm DCC Reserve																				
		-178,906	-94,920					302,905	-365,948	-480,201	-390,218	-299,988	-209,261	-116,455	-142,299	-48,504	-162,826	-66,702	-156,353	-100,476	-44,099
			v	,	,	,	,	-	-	•	°,	-	-	v	•	•	0	0	Ũ	-	0
D.C.C. Revenue 83,986 83,840 84,082 86,168 86,661 86,908 87,408 89,488 89,983 90,230 90,727 92,806 93,306 93,795 95,880 96,124 55,383 55,877 56,377 43,581		83,986	83,840	84,082	86,168	86,661	86,908	87,408	89,488	89,983	90,230	90,727	92,806	93,306	93,795	95,880	96,124	55,383	55,877	56,377	43,581
Less: Trans for Capital																					
Expenditure 0 0 0 0 46,366 0 756,261 203,741 0 0 0 119,150 0 210,202 0 145,034 0 0 0 0	Expenditure	0	0	0	0	46,366	0	756,261	203,741	0	0	0	0	119,150	0	210,202	0	145,034	0	0	0
Closing Balance \$(94,920) \$(11,080) \$74,645 \$164,431 \$209,332 \$302,905 \$(365,948) \$(480,201) \$(390,218) \$(299,988) \$(209,261) \$(116,455) \$(142,299) \$(48,504) \$(162,826) \$(66,702) \$(156,353) \$(100,476) \$(44,099) \$(518)	Closing Balance	\$(94,920)	\$(11,080)	\$74,645	\$164,431	\$209,332	\$302,905	\$(365,948)	\$(480,201)	\$(390,218)	\$(299,988)	\$(209,261)	\$(116,455)	\$(142,299)	\$(48,504)	\$(162,826)	\$(66,702)	\$(156,353)	\$(100,476)	\$(44,099)	\$(518)

CITY OF PARKSVILLE GENERAL REVENUE CAPITAL FUND STORM SEWER EXPENDITURE PROGRAM

	6.2 Imperviou	sness and Calculati	on of Equivalent	t Drainage Units	1	ſ	6.3 Unit St	orm Sewer DCC	Calculation													
	stimated New Development	Density Site Coverage	Runoff Coefficient	Impervious Area per Unit o Development	Equivalence Factor	Equivalent Drainage Units	DCC Capital Allocation	DCC per Equivalent Drainage Unit	Resulting Storm Sewer DCC Rates	Old Rates												
Single Family Residential - Units	381	10	0.	4 400.00	1.0000	381		1586.03	1.586.03	1383.79												
Multi Residential - M ²	136.930	55	0.					1586.03	4.59	4.00												
Commercial M ²	69.238	70%	0.			222		1586.03	5.08	4.43												
Industrial M ²	2,438	50%	0.					1586.03	7.14	6.23												
Institutional M ²	14.274	70%	0.	-				1586.03	2.85	2.49												
	14,274	70%	0.	5 0.7	0.0018	20		1586.03	2.85	2.49												
						1036	1,643,128															
		2014	201	5 2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	
C Summary ost																						
Regular Capital Carry- forward items																						
		0		0 0	421,900	0	881,700	205,800	0	0	0	0	231,450	0	408,320	0	146,500	0	0	0	0	
Grants		0		0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Other Funds		0		0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Carry-forward		0		0 0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0		0 0	421,900	0	881,700	205,800	0	0	0	0	231,450	0	408,320	0	146,500	0	0	0	0	
-Existing		0		0 0	375,066	0	117,800	0	0	0	0	0	111,096	0	195,994	0	0	0	0	0	0	_
- New		0		0 0	46,834	0	763,900	205,800	0	0	0	0	120,354	0	212,326	0	146,500	0	0	0	0	
Assist																						
Single Family Residential Units	1.0%	0		0 0	172	0	2,809	757	0	0	0	0	443	0	781	0	539	0	0	0	0	
Multi Residential Units	1.0%	0		0 0	179				0	0	0	0	460	0	812	0	560	0	0	0	0	
Commercial M2	1.0%	0		0 0	100	0	1,637		0	0	0	0	258	0	455	0	314	0	0	0	0	
Industrial m2	1.0%			0 0	5		81		0	0	0	0	13	0	23	0	16	0	0	0	0	
Institutional M2	1.0%	0	1	0 0	12	0	192	52	0	0	0	0	30	0	53	0	37	0	0	0	0	
nicipal Assist		0	1	0 0	468	0	7,639	2,059	0	0	0	0	1,204	0	2,124	0	1,466	0	0	0	0	_
nicipal Cost		0		0 0	375,534	0	125,439	2,059	0	0	0	0	112,300	0	198,118	0	1,466	0	0	0	0	_
cation		0		0 0	46,366	0	756,261	203,741	0	0	0	0	119,150	0	210,202	0	145,034	0	0	0	0	
llocation		0		0 1,643	3,618	4,606	6,665	0	0	0	0	0	0	0	0	0_	0	0	0 serve Fund Ba	0	0	

Net Amount to be Paid by DCC's

\$1,643,128

CITY OF PARKSVILLE WATER CAPITAL FUND DCC CAPITAL EXPENDITURE PROGRAM

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038
WATER DCC PROJECTS																									
Despard to Maple Crescent (HP7)-200 Main Gaetjen to Sunray - 150 main connection Hwy 4A to Cypress - 200 main Jensen: Bagshaw to Hwy 19A Jensen: Corfield to Bagshaw Reservoir #4 Duplication Stanford Ave: Shelly to Martindale Well - Springwood facility Reservoir #1 - Springwood Facility New Wells(Railway) Soriel to Chinook - New 150 main ERWS River Intake ERWS Water Treatment ERWS Aquifer Storage Recovery	693,197	0 0 0 0 0 0 0 0 0 3,039,449 5,927,669 2,178,459	0 0 0 0 0 0 0 250,000 0 2,512,108 7,100,108 1,883,108	0 0 0 0 0 0 0 98,667 113,467 69,067	0 0 0 224,000 0 128,700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 187,250 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 350,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	327,600 0 0 2,340,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 70,300 0 105,000 140,200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0									
Total DCC Capital			11,745,324	281,201	352,700	187,250	350,000	0	0	2,667,600	0	0	315,500	0	0	0	0	0	0	0	0	0	0	0	0
DCC Source of Funds OPERATIONS Existing Municipal Assist Total Operations Water DCC Reserve Fund Grants/Developer Contributions Long Term Debt	16,349 563,859 1,618,499 59,408 0	4,053,064 10,925 4,063,989 1,081,588 0 8,000,000 13,145,577	4,491,608 12,537 4,504,145 1,241,179 0 8,000,000 13,745,324	91,267 1,900 93,167 188,034 0 0 281,201	0 3,527 3,527 349,173 0 0 352,700	0 1,873 1,873 185,377 0 0 187,250	0 3,499 3,499 346,501 0 0 350,000	0 0 0 0 0 0 0 0	0 0 0 0	0 26,675 26,675 2,640,925 0 0 2,667,600	0 0 0 0 0 0	0 0 0 0 0 0 0	1,975 119,916 195,584 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0
Water DCC Reserve Fund Opening Balance Add: Interest Earned Trans To Less: Current Years Trans From DCC LTD Payments	523,609 0 1,083,737 1,618,499 78,479		(300,042) 0 1,094,091 1,241,179 641,051	(1,088,180) 0 1,115,173 188,034 924,623	(1,085,664) 0 1,125,077 349,173 854,914	(1,164,674) 0 1,130,000 185,377 854,914	Ó	0 1,160,989 0	0 1,170,893 0	(496,780) 0 1,175,926 2,640,925 846,144	(2,807,923) 0 1,185,833 0 846,144	(2,468,234) 0 1,206,814 0 846,144	0 1,216,820 195,584	(1,932,472) 0 1,226,675 0 846,144	0	(1,150,379) 0 1,252,679 0 846,144	(743,844) 0 974,613 0 846,144	(615,375) 0 984,519 0 846,144	(477,000) 0 994,524 0 846,144	(328,620) 0 874,048 0 846,144	(300,716) 0 884,003 0 846,144	(262,857) 0 893,959 0 846,144	(215,042) 0 903,864 0 846,144	(157,322) 0 918,853 0 846,144	(84,613) 0 928,761 0 846,144
Closing Balance	\$(89,632)	\$(300,042)	\$(1,088,180)	\$(1,085,664)	\$(1,164,674)	\$(1,074,965)	\$(1,136,374)	\$(821,529)	\$(496,780)	\$(2,807,923)	\$(2,468,234) \$	\$(2,107,564)	\$(1,932,472)	\$(1,551,941) \$	\$(1,150,379)	\$(743,844)	\$(615,375)	\$(477,000)	\$(328,620)	\$(300,716)	\$(262,857)	\$(215,042)	\$(157,322)	\$(84,613)	\$(1,996)

CITY OF PARKSVILLE WATER CAPITAL FUND DCC CAPITAL EXPENDITURE PROGRAM

	7.2 Equivaler	t Population Cal	culation		7.3 DCC Calcl	ulation for Wat	er																					
		Estimated New Development	Density or Equivalent Population Factor	Total Equivalent Population	DCC Capital & Debt Cost Allocation	Equivalent	Required DCC Rates	Old Rates																				
	Single Family Residential - Units			762			11075.82	6997.14																				
	Multi Residential - M ²	176,312		3206		5537.91	100.69	<u>63.61</u>																				
	Commercial M ²	74,862	0.009	674		5537.91	49.84	29.99																				
	Industrial M ²	3,114	0.009	28		5537.91	49.84																					
	Institutional M ²	18,379	0.011	202		5537.91	60.92	36.65																				
Year			2014	4872 2015	26,980,716 2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	Totals
Water DCC Summary																												
water DCC Summary	ry																											
Capital Co			2,241,766	11,145,577	11,745,324	281,201	352,700	187,250	350,000	0	0	2,667,600	0	0	315,500	0	0	0	0	0	0	0	0	0	0	0	0	\$29,286,918
Less:	Carry-forward		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Water Capital Reserve Grants		0 59,408	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 59,408
	Gas Tax Grants		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Long Term Debt			6,000,000	6,000,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12,000,000
Net Cost			2,182,358	5,145,577	5,745,324	281,201	352,700	187,250	350,000	0	0	2,667,600	0	0	315,500	0	0	0	0	0	0	0	0	0	0	0	0	17,227,510
Net Cost	Existing		547.510		4,491,608		352,700	187,250	350,000	0	0	2,007,000	0	0	117,941	0	0	0	0	0	0	0	0	0	0	0	0	9,301,390
Allocation	-		1,634,848	1,092,513			352,700	187,250	350,000	0	0	2,667,600	0	0	197,559	0	0	0	0	0	0	0	0	0	0	0	0	7,926,120
Municipal	l Assist Single Family Residential Multi Residential Commercial Industrial m2 Institutional	1% 1% 1% 1%	10,758 2,262	1,709 7,189 1,511 63 453	8,250 1,734 72	263 11	488 20	293 1,232 259 11 78	547 2,303 484 20 145	0 0 0 0 0	0 0 0 0	4,172 17,554 3,690 153 1,106	0 0 0 0 0	0 0 0 0 0	309 1,300 273 11 82	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0	0 0 0 0 0	12,397 52,157 10,964 455 <u>3,287</u>
Total Mun	nicipal Assist		16,349	10,925	12,537	1,900	3,527	1,873	3,499	0	0	26,675	0	0	1,975	0	0	0	0	0	0	0	0	0	0	0	0	79,260
Total Mun	nicipal Cost		563,859	4,063,989	4,504,145	93,167	3,527	1,873	3,499	0	0	26,675	0	0	119,916	0	0	0	0	0	0	0	0	0	0	0	0	9,380,650
DCC Allocation																												
DCC Cap	bital Allocation		1,618,499			188,034		185,377	346,501	0	0	2,640,925	0	0	195,584	0	0	0	0	0	0	0	0	0	0	0	0	7,846,860
	O Allocations (Principal & Int) DCC LTD Allocations		78.479	139,500 78,479		846,144 78,479		846,144 8,770	846,144 8,770	846,144	846,144	846,144	846,144	846,144	846,144	846,144	846,144	846,144	846,144	846,144	846,144	846,144	846,144	846,144	846,144	846,144	846,144	19,317,239 340,226
Total DCC Allocation			1,696,978					1,040,291	1,201,415	846,144	846,144	3,487,069	846,144	846,144	1,041,728	846,144	846,144	846,144	846,144	846,144	846,144	846,144	846,144	846,144	846,144	846,144	846,144	27,504,325
Interest A	Allocation		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 E	0 xisting Water D	0 ICC Reserve F	0 Fund Balance	0	0	0	0	0	0	0	0 523,609

Net Amount to be Paid by DCC's

\$26,980,716

CITY OF PARKSVILLE SANITARY SEWER CAPITAL FUND DCC CAPITAL EXPENDITURE PROGRAM

	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Sewer DCC Projects Hirst Ave: MacMillian to Moilliet	0	0 0	0 0	318,000 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
Total DCC Capital	0	0	0	318,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DCC Items Source of Funds Operations Existing Municipal Assist OPERATIONS Carry-forward Reserve Sewer Capital Fund DCC Res Fund GRANTS Long Term Debt	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 3,180 3,180 0 0 314,820 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
Total Capital Items Source of Funds	0	0	0	318,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sewer DCC Reserve Fund Opening Balance Add: Interest Earned Transfer to Less: Current Years Trans From	(105,827) 0 20,304 0	(85,523) 0 20,407 0	(65,116) 0 20,499 0	(44,617) 0 20,895 314,820	(338,542) 0 21,080 0	(317,462) 0 21,172 0	(296,290) 0 21,360 0	(274,930) 0 21,752 0	(253,178) 0 21,937 0	(231,241) 0 22,032 0	(209,209) 0 22,217 0	(186,992) 0 22,610 0	(164,382) 0 22,799 0	(141,583) 0 22,984 0	(118,599) 0 23,378 0	(95,221) 0 23,471 0	(71,750) 0 18,261 0	(53,489) 0 18,446 0	(35,043) 0 18,634 0	(16,409) 0 16,376 0
Closing Balance	\$(85,523)	\$(65,116)	\$(44,617)	\$(338,542)	\$(317,462)	\$(296,290)	\$(274,930)	\$(253,178)	\$(231,241)	\$(209,209)	\$(186,992)	\$(164,382)	\$(141,583)	\$(118,599)	\$(95,221)	\$(71,750)	\$(53,489)	\$(35,043)	\$(16,409)	\$(33)

CITY OF PARKSVILLE SANITARY SEWER CAPITAL FUND DCC CAPITAL EXPENDITURE PROGRAM

	8.2 Sewage Generation ar		Density or			Iculation for Sa																	
		Estimated New Development	Equivalent Population Factor	Total Equivalent Population	DCC Capital & Debt Cost Allocation	DCC per Equivalent Person	Required DCC Rates	Old Rates															
Sing	ale Family Residential - Units	381	2	762	2	103.76	207.52	381.49															
	ti Residential - M ²	136,930	0.0182	2490		103.76	1.89	3.47															
Com	nmercial M ²	69,238	0.009	623		103.76	0.93	1.63															
Indu	ustrial M ²	2,438	0.009	22	2	103.76	0.93	1.63															
	itutional M ²	14,274	0.011	157		103.76	1.14																
				4054	420,647																		
			2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Capital Cost			0	0	0	318,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$318,000
Less: Grar			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Othe	er Funding		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Net Cost			0	0	0	318,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	318,000
Allocation -Existing	p		0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	-																						
Allocation - New			0	0	0 0	318,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	318,000
Municipal Assist																							
Sing	gle Family Residential	1%	0	0	0	598		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	598
	ti Residential	1%	0	0	0	.,			0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,953
	nmercial	1%	0	0	0	489			0	0	0	0	0	0	0	0	0	0	0	0	0	0	489
	ustrial m2 itutional	1% 1%	0	0	0	17		-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17
Insti	itutional	1%	0	0	0	123	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	123
Municipal Assist			0	0	0 0	3,180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,180
Total Municipal Co	ost		0	0	0 0	3,180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,180
DCC Allocation			0	0	0	314,820	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	314,820
Interest Allocation	1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 Ex	0 isting Sanitar	0 y Sewer DCC	0 Reserve Fur	0 nd Balance	0 (105,827)

Year

Net Amount to be Paid by DCC's

\$420,647

ROAD DCC PROJECTS

Project No.	Description	Source	Description / Purpose	2013 Status	2013 DCC Total Project Cost	2013 DCC Portion	2013 Plan - Year Scheduled
R002	Jensen Ave; Corfield St to Bagshaw St	Transportation Plan Update 1994 - prepared by ND Lea 2002 - prepared by Boulevard Transportation	Ring Road Project - Construct new Road to Collector Standard	Pending Capital Project	\$ 337,100	52% - May 13, 2008 MTCAO Recommended ratio	2026
	Jensen; Bagshaw St to McVickers St & Hwy 19A intersection	12002 - prepared by	Ring Road Project - Construct new Road to Collector Standard	Pending Capital Project	\$ 393,600	52% - May 13, 2008 MTCAO Recommended ratio	2026
R006	Corfield St to Shelly Rd	Future Road Classification Plan - Transportation Plan Update 2002 - prepared by Boulevard Transportation	Upgrade to Collector standard	Pending Capital Project	\$ 1,425,000	76% - 2008 DCC Amendment	2026
R007	Despard Ave to Jensen	Future Road Classification Plan - Transportation Plan Update 2002 - prepared by Boulevard Transportation	Widen Road to Arterial Standard	Pending Capital Project	\$ 3,005,000	100%	2021
RUUX	Rushton Lane	Future Road Classification Plan - Transportation Plan Update 2002 - prepared by Boulevard Transportation	Widen Road to Arterial Standard	Future completion of interim work undertaken in 2013, ultimate build-out predicted for 2022 - Scheduled for 2025	\$ 857,296	100%	2025
R010	Despard Ave: Hwy 4A to Craig St			Pending Development / Capital project	\$ 1,294,000	100%	2025

Project No.	Description	Source	Description / Purpose	2013 Status	2013 DCC To Project Cos	2013 DCC Portion	2013 Plan - Year Scheduled
R011	Northwest Bay Road: Langara PI to Boundary			Pending Capital project	\$ 1,875	000 100%	2025
	Hirst Ave Upgrade: McMillan St to Moilliet St	Future Road Classification Plan - Transportation Plan Update 2002 - prepared by Boulevard Transportation	Upgrade to Collector standard	Pending Capital project	\$ 937	500 100%	2018
R014	Hwy 19A Upgrade: Langara PI to Greig Rd	Future Road Classification Plan - Transportation Plan Update 2002 - prepared by Boulevard Transportation	Widen Road to Arterial Standard	Pending Capital project	\$ 5,375	000 100%	2033
	Intersection Upgrades						
R009	Highway 19A & Shelly Rd	Transportation Plan Update 2002 - prepared by Boulevard Transportation	Traffic Signals	Outstanding - Pending Development / Capital Project currently being discussed with Developer to build at same time as Works & Services, Not on the current plan	\$ 250	000 100%	2019
R018	Jensen Ave / Craig St	Transportation Plan Update 2002 - prepared by Boulevard Transportation	Intersection Upgrade	Pending Capital project	\$ 250	000 100%	2026
R019	Jensen Ave / Alberni Highway		Intersection Upgrade, possible re-alignment	Pending Capital project	\$ 798	500 100%	2026

Project No.	Description	Source	Description / Purpose	2013 Status	2013 DCC Total Project Cost	2013 DCC Portion	2013 Plan - Year Scheduled
R020		Transportation Plan Update 2002 - prepared by Boulevard Transportation		Pending Capital project	\$ 250,000	100%	2025
R021		Transportation Plan Update 2002 - prepared by Boulevard Transportation		Pending Capital project	\$ 250,000	100%	2026

Total Road DCC Program:

\$ 18,264,496

DCC DRAINAGE PROJECTS

Project No.	Location	Source	Description / Purpose	2013 Status	2013 DCC Total Project Cost	2013 DCC Portion	2013 Plan - Year Scheduled
D002	Forsyth Ave: Cameron St to Pym St	Storm Drainage Study 1998 - prepared by Koers & Associates Engineering	Large Diameter Storm	Pending Capital Project	\$ 205,800	100%	2020
D003	Digby 3-1 Gaetjen St to Outfall	Storm Drainage Study 1998 - prepared by Koers & Associates Engineering	Large Diameter Storm	Pending Capital Project	\$ 129,000	100%	2019
D004	Bay Ave: Dogwood St to Outfall	Storm Drainage Study 1998 - prepared by Koers & Associates Engineering	Large Diameter Storm	Pending Capital Project	\$ 104,400	100%	2019
D007	Jensen Ave Upgrade: Bagshaw St to Hwy 19A	Storm Drainage Study 1998 - prepared by Koers & Associates Engineering	New Arterial Road - Large Diameter Storm	Pending Capital Project	\$ 65,700	52% May 13, 2008 MTCAO Recommended ratio	2026
D008	Jensen: Corfield St to BagshawSt	Storm Drainage Study 1998 - prepared by Koers & Associates Engineering	New Arterial Road - Large Diameter Storm	Pending Capital Project	\$ 91,700	52% May 13, 2008 MTCAO Recommended ratio	2026
D009	McVickers St, South of 19A / Ring Road	Storm Drainage Study 1998 - prepared by Koers & Associates Engineering	Large Diameter Storm	Pending Development / Capital Project	\$ 105,820	52% May 13, 2008 MTCAO Recommended ratio	2026
D010	Turner Rd: Shelly Rd to Englishman River	Storm Drainage Study 1998 - prepared by Koers & Associates Engineering	Large Diameter Storm	Pending Development / Capital Project	\$ 530,500	100%	2019
D012	Bagshaw St: Stanford Ave to Hwy 19A	Storm Drainage Study 1998 - prepared by Koers & Associates Engineering	Large Diameter Storm	Pending Development / Capital Project	\$ 31,900	52% May 13, 2008 MTCAO Recommended ratio	2025

D013	Hirst Ave: McMillan St to Moilliet St	Storm Drainage Study 1998 - prepared by Koers & Associates Engineering	Twin - Large Diameter Storm	Pending Capital Project	\$ 18,300	19.5% from 2004 Koers Capital Plan spreadsheet	2018
D014		Storm Drainage Study 1998 - prepared by Koers & Associates Engineering	Large Diameter Storm	Pending Capital Project	\$ 28,500	50% May 13, 2008 MTCAO Recommended ratio	2017
D015	Highway 19A: Shelly Rd to Mills St	Storm Drainage Study 1998 - prepared by Koers & Associates Engineering	Overland Flow Routing	Pending Capital Project	\$ 146,500	100%	2029

Total DCC

Drainage Program \$ 1,458,120

DCC WATER PROJECTS

Project No.	Location	Source	Description / Purpose	2013 Status	2013 DCC Total Project Cost	2013 DCC Portion	2013 Plan - Year Scheduled
W007	Jensen: Bagshaw to Hwy 19A - 210m - 200mm dia.	OCP Ring Road connection	New watermain for new Ring Road connection	Pending Capital Project	\$ 54,600	52% - May 13, 2008 MTCAO Recommended ratio	2026
W008	Jensen: Corfield to Bagshaw 205m - 200mm dia.	OCP Ring Road connection	New watermain for new Ring Road connection	Pending Capital Project	\$ 73,000	52% - May 13, 2008 MTCAO Recommended ratio	2026
W009	New - 150 main, connection Gaetjen to Sunray (LP 44)	Water Study Update - 2005 (June) - prepared by Koers and Associates	Water supply and distribution improvement	Pending Development / Capital Project	\$ 70,300	100%	2026
W011	Stanford Ave: Shelly Rd to Martindale Rd -320m - 200mm dia.		Water supply and distribution improvement	Pending Capital Project	\$ 224,000	100%	2018
W012	AWS - accelerated treatment plant from 2023 to 2016	AWS - Revised Capital Plan 2006	Water supply for future demands. New intake and treatment to VIHA standards	Pending Capital Projects scheduled for 2013 through 2017			
			River Intake / Supply Mains	Pending Design phase	\$ 6,496,971	100%	2014 / 2017
			Water Treatment Plant	Pending Design phase	\$ 6,917,221	100%	2014 / 2017
			Aquifer Recovery Storage	Pending Design phase	\$ 2,266,228	100%	2014 / 2017
W014	New - 200 main, Hwy 4A to Cypress (LP37)	Water Study Update - 2005 (June) - prepared by Koers and Associates	Water supply and distribution improvement	Pending Development / Capital project	\$ 187,520	100%	2019

Project No.	Location	Source	Description / Purpose	2013 Status	2013 DCC Total Project Cost	2013 DCC Portion	2013 Plan - Year Scheduled
W015	New - 200 main, Despard Ave to Maple Crescent (HP7)	Water Study Update - 2005 (June) - prepared by Koers and Associates	Water supply and distribution improvement	Pending Development / Capital project	\$ 327,600	100%	2023
W016	New - 150 main, Soriel Rd to Chinook Ave	Water Study Update - 2005 (June) - prepared by Koers and Associates	Water supply and distribution improvement	Pending Development / Capital project	\$ 128,700	100%	2018
W017	New - Reservoir No. 4 Duplication	Water Study Update - 2005 (June) - prepared by Koers and Associates	New Water Supply Reservoir	Pending Capital Project	\$ 2,340,000	100%	2023
New	Springwood Well No. 9		Additional Capacity	New Capacity related to growth project	\$ 300,000	100%	2014
New	Springwood Res No 1 - Raising Walls		Additional Capacity	New Capacity related to growth project	\$ 350,000	100%	2020
New	Railway Wells 9 & 10 - Add Capacity		Additional Capacity	New Capacity related to growth project	\$ 250,000	100%	2016

Total Water DCC Program: \$

19,086,140

DCC SEWER PROJECTS

Project No.	Location	Source	Description / Purpose	2013 Status	2013 DCC Total Project Cost	2013 DCC Portion	2013 Plan - Year Scheduled
S006		Sanitary Sewer Update - 1996 (Sept) - prepared by Koers & Associates Engineering	Pipe upsizing to handle full build out construction	Pending Capital Project	\$ 318,000	100%	2018

Total DCC Sewer \$ 318,000 Program: