



englishman river  
WATER SERVICE

**DATE:** April 6, 2016

**REPORT TO:** ENGLISHMAN RIVER WATER SERVICE MANAGEMENT BOARD

**FROM:** ENGLISHMAN RIVER WATER SERVICE MANAGEMENT COMMITTEE

**SUBJECT:** ENGLISHMAN RIVER WATER SERVICE (ERWS)  
FINAL 2016 - 2020 FINANCIAL PLAN

**PURPOSE:** ADOPTION OF THE ERWS FINAL 2016 - 2020 FINANCIAL PLAN

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**EXECUTIVE SUMMARY:**

The ERWS Final 2016 - 2020 Financial Plan sets out the financial requirements needed to advance the objectives of bulk water supply to the Joint Venture Communities. The proposed capital budget is based on a firm membrane filtration treatment capacity of 16 million liters per day.

The ERWS Final 2016 - 2020 Financial Plan reflects unspent funds from 2015 that are required to be added to the year 2016 budget to account for ongoing consulting and capital works carrying over into year 2016. The ERWS Final 2016 - 2020 Financial Plan also reallocates funds accordingly to reflect the current cost estimate prepared by CH2M Hill as outlined in the Draft Predesign Report, dated December 10, 2015.

**RECOMMENDATION(S):**

1. THAT the report from the Englishman River Water Service Management Committee, dated April 6, 2016, entitled ERWS Final 2016 - 2020 Financial Plan be received;
2. AND THAT the Englishman River Water Service Management Board accept the Final 2016 - 2020 Financial Plan as outlined in Table 1 attached to the April 6, 2016 report;
3. AND THAT the Englishman River Water Service Management Board recommend the Joint Ventures adopt their portion of the Final 2016 - 2020 Financial Plan as outlined in Table 2 attached to the April 6, 2016 report.

**BACKGROUND:**

Table 1 outlines the detailed total project cost and Table 2 references each jurisdiction's share to take forward to each respected Council / Board for ratification.

With the formation of the Englishman River Water Service and further advancement of the Capital Plan, the 2016 - 2020 Financial Plan was reviewed and updated in an effort to outline funding requirements for operations and capital expenditures for the next five years. It was determined that unspent funds from 2015 are required to be added to the 2016 - 2020 Final Financial Plan to account for works carried forward into year 2016. Unspent budget items in year 2015 are required to be transferred to year 2016 in order to finalize all tasks and keep the project on schedule. Being that the ERWS is a joint venture partnership, no formal governance is in place to carry forward funds from the current year into future year budgets as the ERWS is only funded by the partners for actual funds spent. Therefore, an increase in the 2016 budget is required to reflect an estimate of the unspent amounts and to reflect the amounts actually needed for 2016. Additionally, separate account numbers have been assigned to each jurisdictions' transmission main projects in an effort to track and attribute expenses to each project accordingly.

In summary, the adjustments to the 2016 - 2020 Financial Plan are:

- River Intake / Supply Mains for years 2016 and 2017, reduced from \$3,000,000 each year to \$2,400,000 respectively;
- Reallocate \$600,000 from River Intake / Supply Mains for years 2016 and 2017 to City of Parksville Transmission Main
- Carried Forward \$1,143,700 from year 2015 River Intake / Supply Mains budget and reallocate / re-budget to:
  - \$43,700 - Joint Transmission Main - Engineering
  - \$700,000 - City of Parksville Transmission Main - Contracts
  - \$400,000 - City of Parksville Transmission Main - Engineering
- Carried Forward \$860,900 from year 2015 Water Treatment budget and reallocate / re-budget to:
  - \$400,000 - Water Treatment - Engineering
  - \$460,900 - Water Treatment - Contracts

A Final 2016 - 2020 Financial Plan has been prepared for consideration by the ERWS Management Board. The proposed budget is shown on Table 1, attached.

#### **OPTIONS:**

1. Accept the ERWS Final 2016 - 2020 Financial Plan as presented in Table 1 attached.
2. Provide the ERWS Management Committee with further direction.

#### **ANALYSIS:**

##### Option 1

This is consistent with the ERWS Management Committee recommendation to proceed with the project and would allow completion by September 2018.



## Option 2

The 2016 - 2020 Final Financial Plan sets out the financial requirements needed for ERWS to carry out projects necessary to advance ERWS objectives.

### **FINANCIAL IMPACT:**

Cost sharing for the Englishman River Water Service budget is established based on ownership (i.e. Parksville 74 % and RDN 26 %) as referenced in Schedule "C" of the Englishman River Water Service Joint Venture, dated July 1, 2011.

Years 2016 to 2020 in the Financial Plan show substantial capital to carry out the construction of the new water intake and water treatment facility. Funds for such projects are currently available in both the City of Parksville and the Regional District of Nanaimo surplus reserve accounts and authorized long-term borrowing. The ERWS has received \$6 million in funding from senior government that will help augment these costs.

The ERWS Final 2016 - 2020 Financial Plan sets out the financial requirements needed for the ERWS staff to carry out the project for the next several years. Without this plan the capital projects and predesign activities would be delayed or halted due to insufficient funds.

### **REFERENCES:**

April 8, 2012 report from the Englishman River Water Service Management Committee to the Englishman River Management Board regarding the ERWS Project Implementation Strategy.

March 12, 2015 report from Englishman River Water Service Management Committee to the Englishman River Management Board providing an update regarding the Department of Fisheries and Oceans Canada position on the proposed new intake on the Englishman River.

November 13, 2014 report from Englishman River Water Service Management Committee to the Englishman River Management Board regarding ERWS Water Intake and Treatment Plant Phasing Options.

November 8, 2014 report from City of Parksville Chief Administrative Officer to Mayor and Council regarding ERWS Water Intake and Treatment Plant Options.

June 23, 2014 report from City of Parksville Chief Administrative Officer to Mayor and Council regarding borrowing bylaw referendum in conjunction with the November 2014 general local government elections.

Englishman River Water Service Agreement - July 1, 2011.

ERWS Revision to the Project Implementation Strategy - July 27, 2015.

Table 1, dated December 7, 2015 showing the recommended ERWS Revised 2016 - 2020 Financial Plan and Table 2 showing each Joint Venture's requisition share.

**TABLE 1  
ENGLISHMAN RIVER WATER SERVICE  
FINAL 2016 - 2020 FINANCIAL PLAN (\$)**

	2011 Actual	2012 Actual	2013 Actual	2014 Actual	2015 Actual	2015 Budget	2016 Budget	2017 Budget	2018 Budget	2019 Budget	2020 Budget
<b>REVENUE</b>											
<b>Joint Venture Requisitions</b>											
Parkville Requisition (74 %)	1,082,538	225,017	443,183	593,655	765,972	2,016,700	10,102,184	8,332,972	279,369	329,709	362,413
RDN Requisition (26%)	380,351	79,060	155,713	208,581	269,125	708,570	2,249,416	2,014,288	1,898,157	143,087	175,659
<b>Total Joint Venture Requisitions</b>	<b>1,462,889</b>	<b>304,077</b>	<b>598,896</b>	<b>802,236</b>	<b>1,035,097</b>	<b>2,725,270</b>	<b>12,351,600</b>	<b>10,347,260</b>	<b>2,177,525</b>	<b>472,796</b>	<b>538,072</b>
<b>Other Revenue</b>											
Grants	0	483,801	669,172	581,257	0	0	3,000,000	3,000,000	0	0	0
Transfer From Reserves	0	0	0	0	0	0	0	0	0	0	0
<b>Total Other Revenue</b>	<b>0</b>	<b>483,801</b>	<b>669,172</b>	<b>581,257</b>	<b>0</b>	<b>0</b>	<b>3,000,000</b>	<b>3,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>TOTAL REVENUE</b>	<b>1,462,889</b>	<b>787,878</b>	<b>1,268,068</b>	<b>1,383,493</b>	<b>1,035,097</b>	<b>2,725,270</b>	<b>15,351,600</b>	<b>13,347,260</b>	<b>2,177,525</b>	<b>472,796</b>	<b>538,072</b>
<b>EXPENDITURES</b>											
<b>Operating Administration (Operating)</b>											
Salaries / Wages 7-2-28-7310-300	1,950	0	259	0	258						
Training 7-2-28-7310-306	0	2,060	0	59	0	100	100	102	104	106	108
Conferences / Seminars 7-2-28-7310-307	0	1,006	0	0	0						
Memberships 7-2-28-7310-311	0	273	301	0	0						
Contracts 7-2-28-7310-330	1,628	748	5,109	1,819	0	2,000	2,000	2,040	2,081	2,122	2,165
Consulting 7-2-28-7310-331	256	0	0	470	0	500					0
Legal Fees 7-2-28-7310-332	0	2,596	0	0	3,427		3,500	3,570	3,641	3,714	3,789
Audit Fees 7-2-28-7310-333	0	4,172	4,100	4,100	4,100	4,100	4,100	4,182	4,266	4,351	4,438
Tel / Cable 7-2-28-7310-422	0	809	924	602	0	700	500	510	520	531	541
Meeting Costs 7-2-28-7310-423	8	478	608	1,276	1,901	1,500	1,500	1,530	1,561	1,592	1,624
Licences and Insurance 7-2-28-7310-400	0	0	0	0	884		500	510	520	531	541
Advertising 7-2-28-7310-410	0	0	0	766	11,382	600	200	204	208	212	216
Printing 7-2-28-7310-413					1,920						
Courier 7-2-28-7310-452	0	0	0	44	29		100	102	104	106	108
Small Tools, Equipment & Furniture 7-2-28-7310-450	81	1,631	139	356	0	500	500	510	520	531	541
Hydro 7-2-28-7310-461					53						
Minor Capital - Contracts 7-2-28-7350-330	1,209	0	0								
Minor Capital - Parts / Materials 7-2-28-7350-450	503	0	0								
Intake, Raw Watermain and Joint Transmission Mains										150,000	150,000
Water Treatment Plant										225,000	225,000
ASR										0	0
<b>Total Administration (Operating)</b>	<b>5,634</b>	<b>13,772</b>	<b>11,440</b>	<b>9,492</b>	<b>23,954</b>	<b>10,000</b>	<b>13,000</b>	<b>13,260</b>	<b>13,525</b>	<b>388,796</b>	<b>389,072</b>
<b>Total Operating</b>	<b>5,634</b>	<b>13,772</b>	<b>11,440</b>	<b>9,492</b>	<b>23,954</b>	<b>10,000</b>	<b>13,000</b>	<b>13,260</b>	<b>13,525</b>	<b>388,796</b>	<b>389,072</b>

Capital - Program Summary

Description	G/L	2011 Actual	2012 Actual	2013 Actual	2014 Actual	2015 Actual	2015 Budget	2016 Budget	2017 Budget	2018 Budget	2019 Budget	2020 Budget
Property Acquisition - Administration	7-6-28-9750-300	13,683	-4,070	11,203	0	0	0	0	0	0	0	0
Property Acquisition - Contracts	7-6-28-9750-330	4,983	0	0	0	0	0	0	0	0	0	0
Property Acquisition - Consulting	7-6-28-9750-331	6,574	0	0	0	0	0	0	0	0	0	0
Property Acquisition - Equipment Res Charge Out	7-6-28-9750-800	136	739	0	0	0	0	0	0	0	0	0
Property Acquisition - Parts Materials / Supplies	7-6-28-9750-450	1,200,550	0	0	0	0	0	0	0	0	0	0
<b>Total Property Acquisition</b>		<b>1,225,925</b>	<b>-3,331</b>	<b>11,203</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
River Intake / Supply Mains - Administration	7-6-28-9751-300	48,421	34,906	39,635	35,808	15,212		42,000	42,000	42,000	42,000	42,000
River Intake / Supply Mains - Contracts	7-6-28-9751-330	358	256	0	1,031	1,450	1,401,350	2,400,000	2,400,000	100,000	0	0
River Intake / Supply Mains - Engineering	7-6-28-9751-331	10,685	17,681	338,863	490,301	236,921		250,000	250,000	0	0	0
River Intake / Supply Mains - Legal	7-6-28-9751-332	0	0	0	0	1,592		0	0	0	0	0
River Intake / Supply Mains - Advertising	7-6-28-9751-410	0	0	0	603	0		0	0	0	0	0
River Intake / Supply Mains - Meetings	7-6-28-9751-423	0	103	3,822	790	780		0	0	0	0	0
River Intake / Supply Mains - Parts / Supplies	7-6-28-9751-450	3,023	389	1,008	443	489		0	0	0	0	0
River Intake / Supply Mains - Equip. Charge Out	7-6-28-9751-800	2,189	727	19	0	1,188		0	0	0	0	0
River Intake / Supply Mains - Equip. Lease / Rent	7-6-28-9751-340	28	0	915	0	0		0	0	0	0	0
Joint Transmission Main	7-6-28-9754-330							500,000	500,000			
Joint Transmission Main - Engineering	7-6-28-9754-331							43,700				
COP Transmission Main - Springwood / Pump Upgrade	7-6-28-9755-330							3,300,000	2,600,000			
COP Transmission Main - Springwood - Engineering	7-6-28-9755-331							400,000				
RDN - Craig Bay Pump Station / Top Bridge Transmission	7-6-28-9756-330									1,800,000		
<b>Total River Intake / Supply Mains</b>		<b>64,703</b>	<b>54,062</b>	<b>384,263</b>	<b>528,976</b>	<b>257,632</b>	<b>1,401,350</b>	<b>6,935,700</b>	<b>5,792,000</b>	<b>1,942,000</b>	<b>42,000</b>	<b>42,000</b>
Water Treatment - Administration	7-6-28-9752-300	23,513	44,296	41,016	33,595	16,831		42,000	42,000	42,000	42,000	42,000
Water Treatment - Travel	7-6-28-9752-307	0	0	6,420		0						
Water Treatment - Contracts	7-6-28-9752-330	27,222	20,167	0	1,032	446,971	1,089,190	7,210,900	6,750,000	180,000	0	0
Water Treatment - Engineering	7-6-28-9752-331	78,978	123,760	127,492	490,301	161,300		1,150,000	750,000	0	0	0
Water Treatment - Equip. Lease / Rental	7-6-28-9752-340	9,057	22,949	0	0	0		0	0	0	0	0
Water Treatment - Rent & Lease	7-6-28-9752-345	900	1,614	0	0	0		0	0	0	0	0
Water Treatment - Insurance	7-6-28-9752-400	102	102	0	0	0		0	0	0	0	0
Water Treatment - Advertising	7-6-28-9752-410	0	0	0	603	511		0	0	0	0	0
Water Treatment - Meeting Costs	7-6-28-9752-423	0	0	0	791	0		0	0	0	0	0
Water Treatment - Parts and Materials	7-6-28-9752-450	1,759	525	0	443	2,782		0	0	0	0	0
Water Treatment - Courier	7-6-28-9752-452	0	611	0	0	485		0	0	0	0	0
Water Treatment - Equip Res Charge	7-6-28-9752-800	0	306	739	0	485		0	0	0	0	0
Water Treatment - Gas & Oil	7-6-28-9752-460	689	0	0	0	0		0	0	0	0	0
Water Treatment - Hydro	7-6-28-9752-460					553						
<b>Total Water Treatment</b>		<b>142,219</b>	<b>214,330</b>	<b>175,666</b>	<b>526,765</b>	<b>629,918</b>	<b>1,089,190</b>	<b>8,402,900</b>	<b>7,542,000</b>	<b>222,000</b>	<b>42,000</b>	<b>42,000</b>

Capital - Program Summary

Description	G/L	2011 Actual	2012 Actual	2013 Actual	2014 Actual	2015 Actual	2015 Budget	2016 Budget	2017 Budget	2018 Budget	2019 Budget	2020 Budget
Aquifer Storage and Recovery - Administration	7-6-28-9753-300	0	47,966	68,824	42,248	10,218		0	0	0	0	15,000
Aquifer Storage and Recovery - Contracts	7-6-28-9753-330	0	184,135	234,995	135,486	99,833	224,730	0	0	0	0	0
Aquifer Storage and Recovery - Engineering	7-6-28-9753-331	24,407	263,943	229,267	128,733	13,232		0	0	0	0	50,000
Aquifer Storage and Recovery - Equip Rental	7-6-28-9753-340	0	1,806	1,619	605	0		0	0	0	0	0
Aquifer Storage and Recovery - Meeting Costs	7-6-28-9753-423	0	120	134	754	0		0	0	0	0	0
Aquifer Storage and Recovery - Advertising	7-6-28-9753-410				603	0		0	0	0	0	0
Aquifer Storage and Recovery - Parts / Materials	7-6-28-9753-450	0	9,491	136,424	5,894	0		0	0	0	0	0
Aquifer Storage and Recovery - Small Tools	7-6-28-9753-451	0	0	5,832	39	0		0	0	0	0	0
Aquifer Storage and Recovery - Courier	7-6-28-9753-452				161	0		0	0	0	0	0
Aquifer Storage and Recovery - Hydro	7-6-28-9753-461	0	0	500	1,652	0		0	0	0	0	0
Aquifer Storage and Recovery - Equip Res Charge Out	7-6-28-9753-800	0	1,585	7,901	2,086	309		0	0	0	0	0
<b>Total Aquifer Storage and Recovery</b>		<b>24,407</b>	<b>509,045</b>	<b>685,496</b>	<b>318,261</b>	<b>123,592</b>	<b>224,730</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>65,000</b>
<b>Total Capital</b>		<b>1,457,254</b>	<b>774,107</b>	<b>1,256,628</b>	<b>1,374,001</b>	<b>1,011,143</b>	<b>2,715,270</b>	<b>15,338,600</b>	<b>13,334,000</b>	<b>2,164,000</b>	<b>84,000</b>	<b>149,000</b>
<b>TOTAL EXPENDITURES</b>		<b>1,462,889</b>	<b>787,878</b>	<b>1,268,068</b>	<b>1,383,493</b>	<b>1,035,097</b>	<b>2,725,270</b>	<b>15,351,600</b>	<b>13,347,260</b>	<b>2,177,525</b>	<b>472,796</b>	<b>538,072</b>

**TABLE 2**  
**Parkville Requisition - ERWS**  
**FINAL 2016 - 2020 FINANCIAL PLAN (\$)**

	2011 Actual	2012 Actual	2013 Actual	2014 Actual	2015 Actual	2015 Budget	2016 Budget	2017 Budget	2018 Budget	2019 Budget	2020 Budget
<b>REVENUE</b>											
<b>Joint Venture Requisitions</b>											
Parkville Requisition (74%)	1,082,538	225,017	443,183	593,655	765,972	2,016,700	10,102,184	8,332,972	279,369	329,709	362,413
<b>Other Revenue</b>											
Grants	0	358,013	495,187	430,130	0	0	2,220,000	2,220,000	0	0	0
Transfer From Reserves	0	0	0	0	0	0	0	0	0	0	0
<b>Total Other Revenue</b>	<b>0</b>	<b>358,013</b>	<b>495,187</b>	<b>430,130</b>	<b>0</b>	<b>0</b>	<b>2,220,000</b>	<b>2,220,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>TOTAL REVENUE</b>	<b>1,082,538</b>	<b>583,030</b>	<b>938,370</b>	<b>1,023,785</b>	<b>765,972</b>	<b>2,016,700</b>	<b>12,322,184</b>	<b>10,552,972</b>	<b>279,369</b>	<b>329,709</b>	<b>362,413</b>
<b>EXPENDITURES</b>											
<b>Operating</b>	74%	74%	74%	74%	74%	74%	74%	74%	74%	74%	74%
<b>Administration (Operating)</b>											
Salaries / Wages 7-2-28-7310-300	1,443	0	192	0	191	0	0	0	0	0	0
Training 7-2-28-7310-306	0	1,524	0	44	0	74	74	75	77	79	80
Conferences / Seminars 7-2-28-7310-307	0	744	0	0	0	0	0	0	0	0	0
Memberships 7-2-28-7310-311	0	202	223	0	0	0	0	0	0	0	0
Contracts 7-2-28-7310-330	1,205	554	3,780	1,346	0	1,480	1,480	1,510	1,540	1,571	1,602
Consulting 7-2-28-7310-331	189	0	0	348	0	370	0	0	0	0	0
Legal Fees 7-2-28-7310-332	0	1,921	0	0	2,536	0	2,590	2,642	2,695	2,749	2,803
Audit Fees 7-2-28-7310-333	0	3,087	3,034	3,034	3,034	3,034	3,034	3,095	3,157	3,220	3,284
Tel / Cable 7-2-28-7310-422	0	599	684	445	0	518	370	377	385	393	400
Meeting Costs 7-2-28-7310-423	6	354	450	944	1,407	1,110	1,110	1,132	1,155	1,178	1,201
Licences and Insurance 7-2-28-7310-400	0	0	0	0	654	0	370	377	385	393	400
Advertising 7-2-28-7310-410	0	0	0	566	8,423	444	148	151	154	157	160
Printing 7-2-28-7310-413					1,421						
Courier 7-2-28-7310-452	0	0	0	33	21	0	74	75	77	79	80
Small Tools, Equipment & Furniture 7-2-28-7310-450	60	1,207	103	263	0	370	370	377	385	393	400
Hydro 7-2-28-7310-461					39						
Minor Capital - Contracts 7-2-28-7350-330	895	0	0	0	0	0	0	0	0	0	0
Minor Capital - Parts / Materials 7-2-28-7350-450	372	0	0	0	0	0	0	0	0	0	0
Intake, Raw Watermain and Joint Transmission Mains										111,000	111,000
Water Treatment Plant										166,500	166,500
ASR										0	0
<b>Total Administration (Operating)</b>	<b>4,169</b>	<b>10,191</b>	<b>8,465</b>	<b>7,024</b>	<b>17,726</b>	<b>7,400</b>	<b>9,620</b>	<b>9,812</b>	<b>10,009</b>	<b>287,709</b>	<b>287,913</b>
<b>Total Operating</b>	<b>4,169</b>	<b>10,191</b>	<b>8,465</b>	<b>7,024</b>	<b>17,726</b>	<b>7,400</b>	<b>9,620</b>	<b>9,812</b>	<b>10,009</b>	<b>287,709</b>	<b>287,913</b>

Capital - Program Summary

Description	G/L	2011 Actual	2012 Actual	2013 Actual	2014 Actual	2015 Actual	2015 Budget	2016 Budget	2017 Budget	2018 Budget	2019 Budget	2019 Budget
		74%	74%	74%	74%	74%	74%	74%	74%	74%	50%	50%
Property Acquisition - Administration	7-6-28-9750-300	10,125	-3,011	8,290	0	0	0	0	0	0	0	0
Property Acquisition - Contracts	7-6-28-9750-330	3,688	0	0	0	0	0	0	0	0	0	0
Property Acquisition - Consulting	7-6-28-9750-331	4,865	0	0	0	0	0	0	0	0	0	0
Property Acquisition - Equipment Res Charge Out	7-6-28-9750-800	101	547	0	0	0	0	0	0	0	0	0
Property Acquisition - Parts Materials / Supplies	7-6-28-9750-450	888,407	0	0	0	0	0	0	0	0	0	0
<b>Total Property Acquisition</b>		<b>907,185</b>	<b>-2,465</b>	<b>8,290</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
River Intake / Supply Mains - Administration	7-6-28-9751-300	35,832	25,830	29,330	26,498	11,257	0	31,080	31,080	31,080	21,000	21,000
River Intake / Supply Mains - Contracts	7-6-28-9751-330	265	190	0	763	1,073	1,036,999	1,776,000	1,776,000	74,000	0	0
River Intake / Supply Mains - Engineering	7-6-28-9751-331	7,907	13,084	250,759	362,823	175,322	0	185,000	185,000	0	0	0
River Intake / Supply Mains - Legal	7-6-28-9751-332	0	0	0	0	1,178	0	0	0	0	0	0
River Intake / Supply Mains - Advertising	7-6-28-9751-410	0	0	0	446	0	0	0	0	0	0	0
River Intake / Supply Mains - Meetings	7-6-28-9751-423	0	76	2,828	585	577	0	0	0	0	0	0
River Intake / Supply Mains - Parts / Supplies	7-6-28-9751-450	2,237	288	746	328	362	0	0	0	0	0	0
River Intake / Supply Mains - Equip. Charge Out	7-6-28-9751-800	1,619	538	14	0	879	0	0	0	0	0	0
River Intake / Supply Mains - Equip. Lease / Rent	7-6-28-9751-340	21	0	677	0	0	0	0	0	0	0	0
Joint Transmission Main	7-6-28-9754-330						0	370,000	370,000			
Joint Transmission Main - Engineering	7-6-28-9754-331							32,338	0			
COP Transmission Main - Springwood / Pump Upgrade	7-6-28-9755-330						0	3,300,000	2,600,000			
COP Transmission Main - Springwood - Engineering	7-6-28-9755-331							400,000	0			
RDN - Craig Bay Pump Station / Top Bridge Transmission	7-6-28-9756-330									0		
<b>Total River Intake / Supply Mains</b>		<b>47,880</b>	<b>40,006</b>	<b>284,354</b>	<b>391,442</b>	<b>190,648</b>	<b>1,036,999</b>	<b>6,094,418</b>	<b>4,962,080</b>	<b>105,080</b>	<b>21,000</b>	<b>21,000</b>
Water Treatment - Administration	7-6-28-9752-300	17,399	32,779	30,352	24,860	12,455	0	31,080	31,080	31,080	21,000	21,000
Water Treatment - Travel	7-6-28-9752-307	0	0	4,751								
Water Treatment - Contracts	7-6-28-9752-330	20,144	14,924	0	764	330,759	806,001	5,336,066	4,995,000	133,200	0	0
Water Treatment - Engineering	7-6-28-9752-331	58,444	91,582	94,344	362,823	119,362	0	851,000	555,000	0	0	0
Water Treatment - Equip. Lease / Rental	7-6-28-9752-340	6,702	16,982	0	0	0	0	0	0	0	0	0
Water Treatment - Rent & Lease	7-6-28-9752-345	666	1,195	0	0	0	0	0	0	0	0	0
Water Treatment - Insurance	7-6-28-9752-400	75	75	0	0	0	0	0	0	0	0	0
Water Treatment - Advertising	7-6-28-9752-410	0	0	0	446	378	0	0	0	0	0	0
Water Treatment - Meeting Costs	7-6-28-9752-423	0	0	0	585	0	0	0	0	0	0	0
Water Treatment - Parts and Materials	7-6-28-9752-450	1,301	388	0	328	2,059	0	0	0	0	0	0
Water Treatment - Courier	7-6-28-9752-452	0	452	0	0	359	0	0	0	0	0	0
Water Treatment - Equip Res Charge	7-6-28-9752-800	0	226	547	0	359	0	0	0	0	0	0
Water Treatment - Gas & Oil	7-6-28-9752-460	510	0	0	0	0	0	0	0	0	0	0
Water Treatment - Hydro	7-6-28-9752-460					409						
<b>Total Water Treatment</b>		<b>105,242</b>	<b>158,604</b>	<b>129,993</b>	<b>389,806</b>	<b>466,140</b>	<b>806,001</b>	<b>6,218,146</b>	<b>5,581,080</b>	<b>164,280</b>	<b>21,000</b>	<b>21,000</b>



Capital - Program Summary

Description	G/L	2011 Actual	2012 Actual	2013 Actual	2014 Actual	2015 YTD	2015 Budget	2016 Budget	2017 Budget	2018 Budget	2019 Budget	2019 Budget
Aquifer Storage and Recovery - Administration	7-6-28-9753-300	0	35,495	50,930	31,263	7,561	0	0	0	0	0	7,500
Aquifer Storage and Recovery - Contracts	7-6-28-9753-330	0	136,260	173,896	100,260	73,876	166,300	0	0	0	0	0
Aquifer Storage and Recovery - Engineering	7-6-28-9753-331	18,061	195,318	169,658	95,263	9,792	0	0	0	0	0	25,000
Aquifer Storage and Recovery - Equip Rental	7-6-28-9753-340	0	1,336	1,198	447	0	0	0	0	0	0	0
Aquifer Storage and Recovery - Meeting Costs	7-6-28-9753-423	0	89	100	558	0	0	0	0	0	0	0
Aquifer Storage and Recovery - Advertising	7-6-28-9753-410	0	0	0	446	0	0	0	0	0	0	0
Aquifer Storage and Recovery - Parts / Materials	7-6-28-9753-450	0	7,023	100,954	4,361	0	0	0	0	0	0	0
Aquifer Storage and Recovery - Small Tools	7-6-28-9753-451	0	0	4,316	29	0	0	0	0	0	0	0
Aquifer Storage and Recovery - Courier	7-6-28-9753-452	0	0	0	119	0	0	0	0	0	0	0
Aquifer Storage and Recovery - Hydro	7-6-28-9753-461	0	0	370	1,222	0	0	0	0	0	0	0
Aquifer Storage and Recovery - Equip Res Charge Out	7-6-28-9753-800	0	1,173	5,846	1,544	228	0	0	0	0	0	0
<b>Total Aquifer Storage and Recovery</b>		<b>18,061</b>	<b>376,694</b>	<b>507,267</b>	<b>235,513</b>	<b>91,458</b>	<b>166,300</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>32,500</b>
<b>Total Capital</b>		<b>1,078,368</b>	<b>572,839</b>	<b>929,905</b>	<b>1,016,761</b>	<b>748,246</b>	<b>2,009,300</b>	<b>12,312,564</b>	<b>10,543,160</b>	<b>269,360</b>	<b>42,000</b>	<b>74,500</b>
<b>TOTAL EXPENDITURES</b>		<b>1,082,538</b>	<b>583,030</b>	<b>938,370</b>	<b>1,023,785</b>	<b>765,972</b>	<b>2,016,700</b>	<b>12,322,184</b>	<b>10,552,972</b>	<b>279,369</b>	<b>329,709</b>	<b>362,413</b>

**TABLE 2**  
**Regional District of Nanaimo Requisition - ERWS**  
**FINAL 2016 - 2020 FINANCIAL PLAN (\$)**

	2011 Actual	2012 Actual	2013 Actual	2014 Actual	2015 Actual	2015 Budget	2016 Budget	2017 Budget	2018 Budget	2019 Budget	2020 Budget
<b>REVENUE</b>											
<b>Joint Venture Requisitions</b>											
RDN Requisition (26%)	380,351	79,060	155,713	208,581	269,125	708,570	2,249,416	2,014,288	1,898,157	143,087	175,659
<b>Other Revenue</b>											
Grants	0	125,788	173,985	151,127	0	0	780,000	780,000	0	0	0
Transfer From Reserves	0	0	0	0	0	0	0	0	0	0	0
<b>Total Other Revenue</b>	<b>0</b>	<b>125,788</b>	<b>173,985</b>	<b>151,127</b>	<b>0</b>	<b>0</b>	<b>780,000</b>	<b>780,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>TOTAL REVENUE</b>	<b>380,351</b>	<b>204,848</b>	<b>329,698</b>	<b>359,708</b>	<b>269,125</b>	<b>708,570</b>	<b>3,029,416</b>	<b>2,794,288</b>	<b>1,898,157</b>	<b>143,087</b>	<b>175,659</b>
<b>EXPENDITURES</b>											
<b>Operating</b>	26%	26%	26%	26%	26%	26%	26%	26%	26%	26%	26%
<b>Administration (Operating)</b>											
Salaries / Wages 7-2-28-7310-300	507	0	67	0	67	0	0	0	0	0	0
Training 7-2-28-7310-306	0	536	0	15	0	26	26	27	27	28	28
Conferences / Seminars 7-2-28-7310-307	0	261	0	0	0	0	0	0	0	0	0
Memberships 7-2-28-7310-311	0	71	78	0	0	0	0	0	0	0	0
Contracts 7-2-28-7310-330	423	195	1,328	473	0	520	520	530	541	552	563
Consulting 7-2-28-7310-331	66	0	0	122	0	130	0	0	0	0	0
Legal Fees 7-2-28-7310-332	0	675	0	0	891	0	910	928	947	966	985
Audit Fees 7-2-28-7310-333	0	1,085	1,066	1,066	1,066	1,066	1,066	1,087	1,109	1,131	1,154
Tel / Cable 7-2-28-7310-422	0	210	240	157	0	182	130	133	135	138	141
Meeting Costs 7-2-28-7310-423	2	124	158	332	494	390	390	398	406	414	422
Licences and Insurance 7-2-28-7310-400	0	0	0	0	230	0	130	133	135	138	141
Advertising 7-2-28-7310-410	0	0	0	199	2,959	156	52	53	54	55	56
Printing 7-2-28-7310-413					499						
Courier 7-2-28-7310-452	0	0	0	11	8	0	26	27	27	28	28
Small Tools, Equipment & Furniture 7-2-28-7310-450	21	424	36	93	0	130	130	133	135	138	141
Hydro 7-2-28-7310-461					14						
Minor Capital - Contracts 7-2-28-7350-330	314	0	0	0	0	0	0	0	0	0	0
Minor Capital - Parts / Materials 7-2-28-7350-450	131	0	0	0	0	0	0	0	0	0	0
Intake, Raw Watermain and Joint Transmission Mains										39,000	39,000
Water Treatment Plant										58,500	58,500
ASR										0	0
<b>Total Administration (Operating)</b>	<b>1,465</b>	<b>3,581</b>	<b>2,974</b>	<b>2,468</b>	<b>6,228</b>	<b>2,600</b>	<b>3,380</b>	<b>3,448</b>	<b>3,517</b>	<b>101,087</b>	<b>101,159</b>
<b>Total Operating</b>	<b>1,465</b>	<b>3,581</b>	<b>2,974</b>	<b>2,468</b>	<b>6,228</b>	<b>2,600</b>	<b>3,380</b>	<b>3,448</b>	<b>3,517</b>	<b>101,087</b>	<b>101,159</b>

Capital - Program Summary

Description	G/L	2011 Actual	2012 Actual	2013 Actual	2014 Actual	2015 Actual	2015 Budget	2016 Budget	2017 Budget	2018 Budget	2019 Budget	2019 Budget
		26%	26%	26%	26%	26%	26%	26%	26%	26%	50%	50%
Property Acquisition - Administration	7-6-28-9750-300	3,558	-1,058	2,913	0	0	0	0	0	0	0	0
Property Acquisition - Contracts	7-6-28-9750-330	1,296	0	0	0	0	0	0	0	0	0	0
Property Acquisition - Consulting	7-6-28-9750-331	1,709	0	0	0	0	0	0	0	0	0	0
Property Acquisition - Equipment Res Charge Out	7-6-28-9750-800	35	192	0	0	0	0	0	0	0	0	0
Property Acquisition - Parts Materials / Supplies	7-6-28-9750-450	312,143	0	0	0	0	0	0	0	0	0	0
<b>Total Property Acquisition</b>		<b>318,741</b>	<b>-866</b>	<b>2,913</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
River Intake / Supply Mains - Administration	7-6-28-9751-300	12,590	9,075	10,305	9,310	3,955	0	10,920	10,920	10,920	21,000	21,000
River Intake / Supply Mains - Contracts	7-6-28-9751-330	93	67	0	268	377	364,351	624,000	624,000	26,000	0	0
River Intake / Supply Mains - Engineering	7-6-28-9751-331	2,778	4,597	88,104	127,478	61,599	0	65,000	65,000	0	0	0
River Intake / Supply Mains - Legal	7-6-28-9751-332	0	0	0	0	414	0	0	0	0	0	0
River Intake / Supply Mains - Advertising	7-6-28-9751-410	0	0	0	157	0	0	0	0	0	0	0
River Intake / Supply Mains - Meetings	7-6-28-9751-423	0	27	994	206	203	0	0	0	0	0	0
River Intake / Supply Mains - Parts / Supplies	7-6-28-9751-450	786	101	262	115	127	0	0	0	0	0	0
River Intake / Supply Mains - Equip. Charge Out	7-6-28-9751-800	569	189	5	0	309	0	0	0	0	0	0
River Intake / Supply Mains - Equip. Lease / Rent	7-6-28-9751-340	7	0	238	0	0	0	0	0	0	0	0
Joint Transmission Main	7-6-28-9754-330						0	130,000	130,000			
Joint Transmission Main - Engineering	7-6-28-9754-331							11,362	0			
COP Transmission Main - Springwood / Pump Upgrade	7-6-28-9755-330											
COP Transmission Main - Springwood - Engineering	7-6-28-9755-331											
RDN - Craig Bay Pump Station / Top Bridge Transmission	7-6-28-9756-330									1,800,000		
<b>Total River Intake / Supply Mains</b>		<b>16,823</b>	<b>14,056</b>	<b>99,908</b>	<b>137,534</b>	<b>66,984</b>	<b>364,351</b>	<b>841,282</b>	<b>829,920</b>	<b>1,836,920</b>	<b>21,000</b>	<b>21,000</b>
Water Treatment - Administration	7-6-28-9752-300	6,113	11,517	10,664	8,735	4,376	0	10,920	10,920	10,920	21,000	21,000
Water Treatment - Travel	7-6-28-9752-307	0	0	1,669								
Water Treatment - Contracts	7-6-28-9752-330	7,078	5,244	0	268	116,212	283,189	1,874,834	1,755,000	46,800	0	0
Water Treatment - Engineering	7-6-28-9752-331	20,534	32,178	33,148	127,478	41,938	0	299,000	195,000	0	0	0
Water Treatment - Equip. Lease / Rental	7-6-28-9752-340	2,355	5,967	0	0	0	0	0	0	0	0	0
Water Treatment - Rent & Lease	7-6-28-9752-345	234	420	0	0	0	0	0	0	0	0	0
Water Treatment - Insurance	7-6-28-9752-400	26	26	0	0	0	0	0	0	0	0	0
Water Treatment - Advertising	7-6-28-9752-410	0	0	0	157	133	0	0	0	0	0	0
Water Treatment - Meeting Costs	7-6-28-9752-423	0	0	0	206	0	0	0	0	0	0	0
Water Treatment - Parts and Materials	7-6-28-9752-450	457	136	0	115	723	0	0	0	0	0	0
Water Treatment - Courier	7-6-28-9752-452	0	159	0	0	126	0	0	0	0	0	0
Water Treatment - Equip Res Charge	7-6-28-9752-800	0	79	192	0	126	0	0	0	0	0	0
Water Treatment - Gas & Oil	7-6-28-9752-460	179	0	0	0	0	0	0	0	0	0	0
Water Treatment - Hydro	7-6-28-9752-460					144						
<b>Total Water Treatment</b>		<b>36,977</b>	<b>55,726</b>	<b>45,673</b>	<b>136,959</b>	<b>163,779</b>	<b>283,189</b>	<b>2,184,754</b>	<b>1,960,920</b>	<b>57,720</b>	<b>21,000</b>	<b>21,000</b>

Capital - Program Summary

Description	G/L	2011 Actual	2012 Actual	2013 Actual	2014 Actual	2015 Actual	2015 Budget	2016 Budget	2017 Budget	2018 Budget	2019 Budget	2019 Budget
Aquifer Storage and Recovery - Administration	7-6-28-9753-300	0	12,471	17,894	10,984	2,657	0	0	0	0	0	7,500
Aquifer Storage and Recovery - Contracts	7-6-28-9753-330	0	47,875	61,099	35,226	25,957	58,430	0	0	0	0	0
Aquifer Storage and Recovery - Engineering	7-6-28-9753-331	6,346	68,625	59,609	33,471	3,440	0	0	0	0	0	25,000
Aquifer Storage and Recovery - Equip Rental	7-6-28-9753-340	0	470	421	157	0	0	0	0	0	0	0
Aquifer Storage and Recovery - Meeting Costs	7-6-28-9753-423	0	31	35	196	0	0	0	0	0	0	0
Aquifer Storage and Recovery - Advertising	7-6-28-9753-410	0	0	0	157	0	0	0	0	0	0	0
Aquifer Storage and Recovery - Parts / Materials	7-6-28-9753-450	0	2,468	35,470	1,532	0	0	0	0	0	0	0
Aquifer Storage and Recovery - Small Tools	7-6-28-9753-451	0	0	1,516	10	0	0	0	0	0	0	0
Aquifer Storage and Recovery - Courier	7-6-28-9753-452	0	0	0	42	0	0	0	0	0	0	0
Aquifer Storage and Recovery - Hydro	7-6-28-9753-461	0	0	130	429	0	0	0	0	0	0	0
Aquifer Storage and Recovery - Equip Res Charge Out	7-6-28-9753-800	0	412	2,054	542	80	0	0	0	0	0	0
<b>Total Aquifer Storage and Recovery</b>		<b>6,346</b>	<b>132,352</b>	<b>178,229</b>	<b>82,748</b>	<b>32,134</b>	<b>58,430</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>32,500</b>
<b>Total Capital</b>		<b>378,886</b>	<b>201,268</b>	<b>326,723</b>	<b>357,240</b>	<b>262,897</b>	<b>705,970</b>	<b>3,026,036</b>	<b>2,790,840</b>	<b>1,894,640</b>	<b>42,000</b>	<b>74,500</b>
<b>TOTAL EXPENDITURES</b>		<b>380,351</b>	<b>204,848</b>	<b>329,698</b>	<b>359,708</b>	<b>269,125</b>	<b>708,570</b>	<b>3,029,416</b>	<b>2,794,288</b>	<b>1,898,157</b>	<b>143,087</b>	<b>175,659</b>