



**ENGLISHMAN RIVER WATER SERVICE JOINT VENTURE
MEETING OF THE MANAGEMENT BOARD**
*(Immediately following the Arrowsmith Water Service
Management Board Regular Meeting)*

**THURSDAY, May 7, 2015
9:00am – 10:30am**

***City of Parksville Forum
100 Jensen Avenue***

A G E N D A

PAGES

CALL TO ORDER

The Chief Administrative Officer will call the meeting to order.

Under Section 4.2 of the ERWS Joint Venture Agreement, the Management Board must elect a Chair from among its members on the basis of one vote for each member.

ELECTION OF CHAIR PERSON

The Chairperson will assume the Chair.

DELEGATIONS

MINUTES

3-6 Minutes of the Emergency Englishman River Water Service Management Board Meeting held March 13, 2015.

BUSINESS ARISING FROM THE MINUTES

COMMUNICATIONS/CORRESPONDENCE

Department of **Fisheries and Oceans Canada**, Request for Project Review Submission dated April 30, 2014. (to be circulated at meeting)

Reply Letter from DFO dated August 20, 2014. (to be circulated at meeting)

Presentation to DFO on September 3, 2014. (to be circulated at meeting)

Letter from Nanoose First Nation dated March 19, 2015. (to be circulated at meeting)

UNFINISHED BUSINESS

REPORTS

- 7-14 Englishman River Water Service Revised Project Implementation Strategy Report.
(to be circulated)
- 15-28 Englishman River Water Service 2015 – 2019 Financial Plan.
(Presentation/to be circulated)
- ERWS Joint Venture Draft Financial Statement, year ending December 2014
(to be presented)

ADDENDUM

BUSINESS ARISING FROM DELEGATIONS OR COMMUNICATIONS

NEW BUSINESS

IN CAMERA

OTHER

NEXT MEETING

ADJOURNMENT

Distribution: J. Stanhope, B. Rogers, M. Lefebvre, S. Powell, P. Thorkelsson, F. Manson

For Information: M. Squire, B. Weir, J. Marsh, R. Alexander, M. Donnelly, W. Idema, G. St. Pierre, V. Figueira



**MINUTES OF THE EMERGENCY MEETING OF THE
ENGLISHMAN RIVER WATER SERVICE (ERWS) MANAGEMENT BOARD
HELD ON FRIDAY, MARCH 13, 2015 AT 8:30 AM
IN THE PARKSVILLE FORUM**

Present:

Director J. Stanhope, Chair	Regional District of Nanaimo
Director B. Rogers	Regional District of Nanaimo
Director M. Lefebvre	City of Parksville
Counsellor S. Powell	City of Parksville

Also in Attendance:

P. Thorkelsson	Regional District of Nanaimo
R. Alexander	Regional District of Nanaimo
M. Donnelly	Regional District of Nanaimo
G. St. Pierre	Regional District of Nanaimo
F. Manson	City of Parksville
M. Squire	City of Parksville
R. Graves	Recording Secretary

CALL TO ORDER

Chair Stanhope called the meeting to order at 8:30 AM.

DELEGATIONS

MINUTES

MOVED Director Lefebvre, SECONDED Director Rogers, that the minutes from the meeting of the Englishman River Water Services Management Board held November 13, 2014, be adopted.

CARRIED

BUSINESS ARISING FROM THE MINUTES

COMMUNICATIONS/CORRESPONDENCE

Fisheries and Oceans Canada.

Dr. P. Hasselback, Island Health to Trevor Wicks.

MOVED Director Lefebvre, SECONDED Director Rogers, that the correspondence dated February 23, 2015, from Fisheries and Oceans Canada and Dr. P. Hasselback be received.

CARRIED

MOVED Director Lefebvre, SECONDED Director Rogers, that correspondence be sent to Fisheries and Oceans Canada requesting a second look at our grant application.

CARRIED

REPORTS

Fisheries and Oceans Canada.

MOVED Director Lefebvre, SECONDED Director Powell, that the following recommendations be received.

- Receive this report and direct staff to update the project implementation plan.
- Undertake federal and provincial political involvement (MLA, MP) in lobby efforts.
- Direct staff to move forward with the application process with DFO.
- Direct staff resources and budgets towards focusing on a contingency plan to meet current and future water needs until such time as authorization for surface water extraction of the Englishman River is achieved.
- Direct staff to advise Island Health that we will not be in compliance with our Operating Permit.

CARRIED

Funding Update.

MOVED Director Powell, SECONDED Director Lefebvre, that the Funding Update report be received.

CARRIED

Aquifer Storage and Recovery.

MOVED Director Lefebvre, SECONDED Director Rogers that the Aquifer Storage and Recovery report be received.

CARRIED

BUSINESS ARISING FROM DELEGATIONS OR COMMUNICATIONS

NEW BUSINESS

Submission Of Funding Application For The Federal Gas Tax Fund Strategic Priorities Fund.

MOVED Director Powell, SECONDED Director Rogers that the Englishman River Management Board direct staff to make application to the Federal Gas Tax Strategic Priorities Fund (Capital Infrastructure Projects Stream) for a financial contribution toward the cost of construction of the Englishman River Water Service drinking water treatment and intake infrastructure and distribution system.

CARRIED

Updated ERWS Communications Plan.

MOVED Director Lefebvre, SECONDED Director Powell that the updated ERWS Communications Plan be received.

CARRIED

OTHER

QUESTIONS

The Chair opened the floor to questions and comments.

Elaine Hoffer asked if the Parksville town hall meeting will be cancelled and commented that the ERWS website is difficult to locate items and would like to see more links to City of Parksville and RDN site.

Director Lefebvre replied that it won't be on the date planned but will take place in the months ahead.

Al Pastors commented on the DFO letter and the concern of the proposal of the existing intake and the current state of the fishery and questioned if anyone has looked into putting in a smaller pipe.

Mike Squire replied that the issue with DFO is that do not recognizing the original intent of the dam which was to supply water for fish habitat and human consumption. M. Squire commented that a smaller pipe size would not have changed the outcome of the letter received from DFO.

Dwayne Round commented that he lives on the Englishman River in between the current water intake and the new proposed water intake and has noticed since the development of the dam a marked improvement in water levels and fish population. D. Round commented that the City of Parksville have been good stewards of the river and will encourage the Martindale Residents Association to contact DFO and senior levels of government to support the water intake.

Doug Kits questioned if alternative storage of water reservoirs as a secondary Plan B has been addressed and have you considered another reservoir on another part of the river? D. Kits also commented on the lack of snow pack and believes there should be incentives for cisterns so the residents can store water.

Director Stanhope agreed that development within Nanoose and Parksville will have to comply with water supply and the lack of snow fall will impact aquifers not only in coming years but years to follow.

Mike Squire commented that ASR is a small part of the overall project and when we looked at how it's been achieved in other communities it could be a benefit for our community. In regards to looking at the south Englishman River arm for future reservoir and storage, there was an application brought forward by BCCF to AWS approximately 4/5 years ago, for a non-consumptive license if we wanted to go forward as a joint venture.

Trevor Wicks remarked that 20 years ago we realized there was going to be issues with water in this community. In the last 5-10 years there has been \$5-6 million spent on a project that at this point in time seems to have stalled and now looking at contingency plans. On March 24, 2015, T. Wicks will give a presentation about options for water.

Mike Jessen, representing the Arrowsmith Parks and Land Use Council, remarked on EPCOR and Morningstar Golf Course drilling new wells and questioned when there would be a plan for alternate options for the Englishman River situation and where would they money come from?

Paul Thorkelsson replied that the Board has given staff directions to halt work on the ASR project and look at a contingency plans and how to move forward with the treatment plant project. Any recommendations will come to the Board.

IN CAMERA

OTHER

NEXT MEETING

ADJOURNMENT

MOVED Director Lefebvre, SECONDED Director Rogers that the meeting be adjourned.

CARRIED

J. Stanhope, Chairperson



englishman river
WATER SERVICE

DATE: April 21, 2015

REPORT TO: ENGLISHMAN RIVER WATER SERVICE MANAGEMENT BOARD

FROM: ENGLISHMAN RIVER WATER SERVICE MANAGEMENT COMMITTEE

SUBJECT: ENGLISHMAN RIVER WATER SERVICE (ERWS)
REVISED PROJECT IMPLEMENTATION STRATEGY

PURPOSE: TO OBTAIN BOARD DIRECTION

EXECUTIVE SUMMARY:

The ERWS Management Committee and the Department of Fisheries and Oceans Canada (DFO) are working on resolving the issues outlined by DFO in their February 23, 2015 letter. The ERWS Management Committee is now asking the ERWS Management Board for direction regarding proceeding with detail design prior to or subsequent to the borrowing referendum.

RECOMMENDATION(S):

1. THAT the report from the Englishman River Water Service Management Committee dated April 21, 2015 entitled ERWS Revised Project Implementation Strategy be received;
2. AND THAT staff be directed to continue working with DFO to obtain the water intake construction permit,
3. AND THAT with the exception of the water intake construction permit and any pre-design works budgeted in 2014 and carried forward to 2015, staff be directed to suspend all Plan B (a multi-phased approach with reduced water treatment plant capacity) work pending further ERWS Board direction subsequent to the borrowing referendum,
4. AND THAT the ERWS Management Committee be directed to request Island Health to amend the Operating Conditions by deferring the completion date of the water treatment plant completion to June 30, 2018.

BACKGROUND:

In accordance with Department of Fisheries and Ocean Canada (DFO) requirements, ERWS originally submitted an application for a project review on April 30, 2014, to determine whether or not a construction permit would be required for the proposed new ERWS water intake to be located just upstream of the Highway 19 Englishman River bridge. A reply letter from DFO was received on August 20, 2014 which was followed by a meeting on September 3, 2014, to present additional project background and history. Further to this, ERWS re-submitted a request for review on December 11, 2014.

ERWS received a letter dated February 23, 2015 from DFO responding to the ERWS project review application indicating (amongst a number of items) that:

1. DFO had concluded the proposal intake location is likely to result in serious harm to fish in the portion of the river between the existing and proposed intake location, which is prohibited under subsection 35(1) of the Fisheries Act: - specifically their concern is “permanent alteration of fish habitat that supports various salmon and trout life history stages due to the reduction of flow in the Englishman River from instantaneous water withdrawal”.
2. Pursuant to paragraph 35(2)(b) of the Fisheries Act, ERWS would need to apply for authorization to construct the intake (the construction permit).

Further verbal discussions with DFO staff revealed the basis for their conclusion is that they considered the relocation of the intake as a new project isolated from the benefits already provided by the Arrowsmith Dam and as a new project they were using the current existing flows as their baseline for determining impact on fish habitat resulting from the relocating the intake.

Based on this information and the potential impacts on the respective ERWS communities the ERWS Management Committee prepared the March 12, 2015, report which included options and recommendations to mitigate the potential impacts for the ERWS Management Boards consideration.

At the March 13, 2015 ERWS Management Board meeting the Board passed the following resolution:

That the ERWS Management Board:

- Receive the March 12, 2015 ERWS Management Committee report and direct the ERWS Management Committee to update the Project Implementation Plan.
- Undertake federal and provincial political involvement (MLA, MP) lobby efforts.
- Direct staff resources and budgets from the operations of the Arrowsmith Dam towards focusing on a contingency plan to meet current and future water needs until such time as authorization for surface water extraction of the Englishman River is achieved.

- Direct staff to advise the Island Health the ERWS will not be in compliance with the ERWS Operating Permit post December 2016.

Subsequent to the March 13 2015, ERWS Management Board meeting, board members and staff have had several meetings with the Vancouver Island Medical Health Officer and our local MP and MLA. At these meetings, the board members and staff outlined the history of the project, the environmental benefits the Arrowsmith Dam has already provided towards the recovery of all portions of the Englishman River and the continued recovery benefits the augmented water flows from the Arrowsmith Dam will have in the area between the existing and proposed intake locations even after ERWS water is extracted.

In addition to these meetings, ERWS staff were contacted by DFO officials who requested a meeting to further discuss their February 23, 2015 letter. During the meeting on March 31, 2015, DFO staff outlined their understanding of the project, their legislative requirements and process for moving forward, and their offer of assistance in the preparation of the required construction permit application.

From the ensuing discussion ERWS staff were able to further clarify DFO's understanding of the projects history, including the joint nature of the project as well as fish enhancement and community water supply, the benefits the Arrowsmith Dam has already had and will continue to have on fish habitat, and the differences between a community water supply operation and the more typical hydroelectric construction permit applications DFO typically receives.

From these discussion, DFO staff acknowledged a new understanding of the project including the historical significance of the Arrowsmith Dam and a willingness to consider establishing their baseline for impact of the intake on the pre-dam flow volumes versus the current and future flow volumes; and an acknowledgment of the differences between the more gradual water demand requirements of a community water supply operation versus instantaneous water demand requirements of a hydroelectric operation with their further acknowledgement that gradual changes are much less harmful than instantaneous changes.

Based on the information provided by DFO regarding their construction permit application and approval process requirements, their new understanding of the project, and their commitment of assistance with preparation of the required construction permit application, the current estimated timeline for obtaining the required intake construction permit is approximately five months assuming a complete application.

Further to the construction permit, there are still two additional required approvals that are critical to the overall project.

1. Grant Funding

The first is the pending New Building Canada Fund: Small Communities Fund federal/provincial \$24 million grant application. Initial indications were that these grants would be announced April or May 2015 and that there was a reasonable

expectation of between \$15 million and the full \$24 million applied for being awarded. Current indications are that the announcements will not be until at least October 2015 and that amounts will likely be 25% of (or even less than) what was applied for (this would indicate that "Plan A" as outlined in the referenced reports dated November 8, 2014, and November 13, 2014, regarding ERWS water intake and treatment plant option is financially unachievable and all efforts should be directed to "Plan B" - a multi phased approach with reduced water treatment plant capacity as the recommended alternative in both reports). These announcements are critical to obtaining assent of the electorate for borrowing as without knowing the amount of grants, the required amount to be borrowed is also unknown.

A summary of the November 8, 2014 report showing options, Plan A (Original Predesign Report) and Plan B - (Multi Phased Approach with Reduced Water Treatment Capacity), are shown below for reference.

Description of Works	Plan A - Original Predesign Report	Plan B - Multi Phased Approach with Reduced Treatment Capacity
Phase I - Firm Water Treatment Membrane Filtration Capacity	24 ML/d	8 ML/d
Water Intake / Raw Water Main	48 ML/d	48 ML/d
Transmission Mains	OCP Build Out	OCP Build Out
Total - Phase I Cost:	37 Million	24.3 Million
Year 2024 Phase II Water Treatment Plant Upgrade to 24 ML/d Cost:	Not Required	16.4 Million
Total - (Phase I and Phase II) Cost:	37 Million	40.7 Million

2. Electoral Assent by Referendum

The second approval is obtaining assent of the electorate for borrowing. Assuming that the grant announcements are made in October, the earliest a referendum could be held, and still provide adequate time to allow for a fully informed electorate would be early in 2016 depending upon when in October the announcements are made and on referendum bylaw approval turnaround times by the Ministry. This requirement is in accordance with Section 180(1) of the Community Charter and Section 823.1 of the Local Government Act. However the requirement for approval of the electors under Section 180(1) is subject to Section 180(2) which further states:

“Approval of the electors is not required for the following: Section 180(2)(c) money borrowed for a purpose prescribed by regulation or in circumstances prescribed by regulation subject to any conditions established by regulation.”

Municipal Liabilities Regulation B.C. Reg. 254/2004 Part 2 Section 8 states:

“Approval of the electors is not required under section 175(2) or 180(1) of the Community Charter if:

- a) The liability is to be incurred for the purpose of complying with an order of a drinking water officer under the *Drinking Water Protection Act* that expressly requires the municipality to install treatment works, and
- b) The inspector of municipalities approves the proposed liability.

Similar requirements are imposed on the Regional District of Nanaimo under the Local Government Act under Regional District Liabilities Regulation BC Reg. 261/2004 with regard to money borrowed under regulation.

Accordingly the ERWS Management Board and the electorate should be aware that under the current Operating Conditions from Island Health, which states that ERWS must fully treat water extracted from the Englishman River by December 31, 2016, if the Inspector of Municipalities approves the required borrowing, the ERWS partners would be forced to proceed with treatment and the required borrowing, regardless of the outcome of a referendum.

From its very early days as the Arrowsmith Water Service to now as the Englishman River Water Service, the mandate has been to address the water supply needs to the joint venture organizations. Within this mandate, based on legislative requirements and proven engineering science and fact, there are a number of critical dates and factors which must be addressed:

- Island Health (Vancouver Island Health Authority) Operating Conditions requirement for treatment of all surface water by December 31, 2016.
 - Englishman River surface water currently provides approximately 55% and 40% respectively of the City of Parksville and Nanoose summer peak day capacity.
 - Without treatment, starting January 1, 2017 to remain in compliance with the Drinking Water Protection Act, either no water could be extracted from the Englishman River or a boil water advisory would be required and would remain in effect as long as Englishman River water was entering the ERWS/Parkville/Nanoose systems.
- ERWS peak day summer demands are expected to exceed projected daily supply capacity (combined surface and ground water) by 2016.
 - This may impact Parksville’s ability to provide surface water to Nanoose under the current bulk water supply agreement.
- ERWS peak day winter demand projected to exceed projected winter daily supply capacity (ground water only) by 2023.

- Regardless of any other requirements for treatment of surface water, if surface water was needed to supplement winter ground water supplies treatment would be required at this time, as winter river turbidity would prevent normal disinfection methods from being effective.
- DFO in-river intake construction window is limited to June - July timeframe. A six to eight month lead time is required for the in-river portion of the intake detailed design, tender, award and construction.
- New Building Canada Fund: Small Communities Fund anticipated October 2015 grant announcement.
- Elector approval for borrowing anticipated January 2016.

Preliminary design of the overall project has been undertaken in order to determine reliable cost estimates (to determine funding requirements), and to meet DFO review requirements. It is estimated approximately two years will be required to complete engineering and construction of "Phase 1", including new river intake and treatment. River intake construction could be completed in summer 2016 or 2017, depending upon DFO approval and construction windows. Subject to funding and Board approval, "Phase 1", including treatment plant commissioning, could potentially be completed by June 2018, in time to meet 2018 peak summer requirements.

Unfortunately funding has not been established and is contingent on the grant announcement which will determine the borrowing referendum question which is not anticipated until January 2016 which would delay completion to approximately June 2018 assuming approval of the borrowing referendum. This timeline would not meet the Island Health December 2016 treatment requirement and an extension would be required. The in-river component of the intake would be delayed until June - July 2016 or June - July 2017, which would not delay the expected overall project completion of June 2018.

Staff has been working closely with Island Health since summer 2014 when the uncertainty of the grant amounts brought into question the overall fiscal risks and community impacts of proceeding with or without senior government support. These risks were reviewed by the ERWS Board in the below referenced reports; November 8 and November 13, 2014 staff reports and the November 13, 2014 ERWS Management Board Meeting.

OPTIONS:

1. Move forward with detailed design of all components of Phase 1 of Plan B using existing reserve funds in anticipation of a positive grant announcement and borrowing referendum.
2. Suspend Plan B detailed engineering work, pending the outcome of the referendum in early 2016 and subsequent Board direction.

ANALYSIS:

Option 1.

From today's date it is estimated that to proceed with and complete at least the "Phase 1" of Plan B will take approximately two years and assumes the in-river component of the new intake is completed in the June - July of 2016 construction window. This would put completion of Phase 1 at approximately June 2017, just in time to meet the 2017 summer peak demand requirements with the new intake and treatment plant. This option would allow ERWS to be in compliance with the current Island Health operating conditions for treatment of surface water after December 2016 (assuming well water is used during the winter / spring of 2017 and surface water is not used until the water treatment plant is completed and commissioned in June 2017 in time to meet summer demands).

This option assumes a positive January 2016 borrowing referendum. The risk would be the detailed design expenditures between now and January 2016 if the borrowing referendum was negative.

Option 2.

Waiting for the results of the borrowing referendum anticipated to be held January 2016 would delay completion of Phase 1 of Plan B to approximately June 2018 assuming approval of the borrowing referendum. This timeline would not meet current Island Health December 2016 treatment requirements.

The risk would be Island Health's willingness to amend the current Operating Conditions for treatment to June 2018 based on the new construction time line. This would still require stringent watering restrictions for the summer of 2017 as projected demand will have exceeded supply of the old system and additional contingencies will need to be implemented. In order to bridge the water demand deficit from the summer of 2016 to 2018 both jurisdictions need to consider redeveloping and developing additional wells as an interim redundancy measure. If Island Health was not willing to change the Operating Conditions very stringent watering restrictions would be required for 2017 if the river intake was not used or a boil water advisory would be required if it was used.

FINANCIAL IMPACT:

Delaying the project would have a marginal financial benefit as it would allow one more year for accumulation of reserves. Annual water rate increases for the City of Parksville required to fund the project would be in the 2.25% range for 2016 through 2024 based on receiving federal / provincial grants in the order of \$ 6 million.

REFERENCES:

February 23, 2015 letter from DFO regarding Englishman River Water Intake Construction Permit project review.

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

DFO Request for Review Dated December 11, 2014

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

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

DFO Meeting Presentation, September 3, 2014

DFO Reply Letter, dated August 20, 2014

DFO Project Review Submission Dated April 30, 2014

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DATE: April 22, 2015

REPORT TO: ENGLISHMAN RIVER WATER SERVICE MANAGEMENT BOARD

FROM: ENGLISH RIVER WATER SERVICE MANAGEMENT COMMITTEE

SUBJECT: ENGLISHMAN RIVER WATER SERVICE (ERWS)
2015 - 2019 FINANCIAL PLAN

PURPOSE: ADOPTION OF THE ERWS 2015 - 2019 FINANCIAL PLAN

EXECUTIVE SUMMARY:

The ERWS 2015-2019 Financial Plan sets out the financial requirements needed to advance the objectives of bulk water supply to the joint venture communities. The proposed budget is based on Plan B, a multi-phased approach with reduced water treatment plant capacity with detailed design, tendering and construction of the Phase 1 components anticipated to start in early 2016.

RECOMMENDATION(S):

1. THAT the report from the Englishman River Water Service Management Committee dated April 22, 2015, entitled ERWS 2015-2019 Financial Plan be received;
2. AND THAT the Englishman River Water Service Management Board accept the 2015-2019 Financial Plan as outlined in Table 1 attached to the April 22, 2015, report,
3. AND THAT the Englishman River Water Service Management Board recommends the joint ventures adopt their portion of the 2015-2019 Financial Plan as outlined in Table 2 attached to the April 22, 2015, report.

BACKGROUND:

The Englishman River Water Service joint venture agreement requires that on or before December 15 of the year preceding each fiscal year, the Management Committee will submit to the Management Board, a budget for the fiscal year. The agreement then requires that on or before January 31, the Management Board will recommend to the joint venture partners, a budget for that year.

On November 13, 2014, the ERWS Board recommended that staff continue with the project development based on the Predesign Report (Plan A), subject to receiving significant government funding by May 31, 2015. As a result, the 2015 Provisional Budget discussions

were deferred until federal/provincial grant contributions could be determined. The current operating, maintenance and capital activities to date have followed the 2014/2015 budgets as outlined in the adopted ERWS 2014-2018 Financial Plan. It is now evident that no funding federal / provincial funding announcements will be made until later in the year and the Community Charter requirements are that current year budgets be passed by May 15.

Regional Districts are required to pass budget bylaws under the Local Government Act by March 31 of each year and as such, the Regional District of Nanaimo (RDN) completed its budget using the 2014-2018 ERWS Financial Plan and will be updating for the 2016 budget year.

As is outlined in the below referenced reports:

- Funding sources have not been established as they are contingent on the amount of federal/provincial grants which will determine the required borrowing.
- Assuming the grant announcements are made by October 31, depending on Ministry turnaround for approvals, the earliest a referendum could be held would be January 2016.
- Assuming an October grant announcement and successful referendum, completion of the project will be delayed until approximately June 2018. This timeline would not meet the Island Health's Water System Operating Conditions of December 2016.
- Additional consultation with Island Health will be required in an effort to extend the project deadline to June 2018.

Accordingly, the ERWS Management Committee recommended that any outstanding preliminary design work continue and all works associated with detail design, tendering and construction be put on hold until approval of the borrowing referendum and have presented the budget outlined in Table 1 attached, based on that recommendation.

More specifically:

- 2015 includes reallocated funds from year 2014 to complete any outstanding preliminary design work.
- 2016, 2017 and 2018 include the Phase I costs of Plan B.
- Although not included in the five year financial plan timeframe required by legislation and accordingly not shown on Table 1, Phase II is included in the 20 year plan for 2024 at an estimated \$16,407,024.

OPTIONS:

1. Accept the 2015 Provisional Budget and 2015-2019 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 delay any further efforts directed at detail design, tendering and construction until after the referendum anticipated to be held early in 2016. Assuming a successful referendum, this option would delay completion of the Phase 1 components of Plan B to approximately June 2018 which would not meet current the Island Health December 2016 treatment requirement.

Risks associated with the delay include Island Health's willingness to amend the current Operating Permit for treatment to June 2018 based on the new construction timeline and the ability to meet projected water needs through the summer of 2017

Should Island Health choose not to grant an extension, a Boil Water Advisory or Order would be put in place to ensure water sourced from the Englishman River was safe.

Meeting the growing demand for water up to June 2018 would result in significant watering restrictions subject to weather related demand.

Option 2

The 2015-2019 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 2019 in the financial plan show substantial capital to carry out the construction of the new water intake, water treatment facility and the potential piloting investigation of ASR well fields. The ASR investigation has been deferred to years 2019 and 2020 in order to focus resources and efforts on the water intake, water treatment plant, transmission mains and contingency plans required to meet the community's future water needs by year 2018. Funds for such projects are currently not available in both the City of

Parksville and the Regional District of Nanaimo surplus reserve accounts and will require further funding assistance and long-term borrowing. The ERWS will actively seek federal/provincial grant assistance to help augment these costs and depending on the results, a public referendum for borrowing options will need to take place prior to the next 2016 provisional budget.

Delaying the project would have a marginal financial benefit as it would allow one more year for accumulation of reserves. Annual water rate increases for the City of Parksville required to fund the project would be in the 2.25% range for 2016 through 2024 based on receiving federal/provincial grants in the order of \$6 million.

As noted above, the RDN budget was prepared based on previous financial plans and will be updated based on the approved plan as needed for the 2016 budget year. The Regional District funds the Nanoose Bay Bulk Water Service through parcel taxes and has projected a 10% per year increase for 2015 through to 2018 in order to both transfer funds to reserve for these projects and to ensure adequate funding for debt servicing. As well, the budget assumes no grant funding and that borrowing will begin in 2016 pending a voter approval process.

The ERWS 2015-2019 Financial Plan sets out the financial requirements needed for the ERWS staff to carry out necessary projects for the remainder of the fiscal year. 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.

Table 1, dated April 22, 2015, showing the recommended ERWS 2015-2019 Financial Plan and Table 2 showing each joint venture's requisition share (Attached).

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TABLE 1 ENGLISHMAN RIVER WATER SERVICE 2015 - 2019 FINANCIAL PLAN (\$)									
	2011 Actual	2012 Actual	2013 Actual	2014 Actual	2015 Budget	2016 Budget	2017 Budget	2018 Budget	2019 Budget
REVENUE									
Joint Venture Requisitions									
Parkville Requisition (74 %)	1,082,538	225,017	443,183	483,872	824,900	7,975,600	7,975,600	284,900	942,400
RDN Requisition (26%)	380,351	79,060	155,713	170,009	289,830	2,194,400	2,194,400	1,825,100	757,600
Total Joint Venture Requisitions	1,462,889	304,077	598,896	653,881	1,114,730	10,170,000	10,170,000	2,110,000	1,700,000
Other Revenue									
Grants	0	483,801	669,172	581,257	0	0	0	0	0
Transfer From Reserves	0	0	0	0	0	0	0	0	0
Total Other Revenue	0	483,801	669,172	581,257	0	0	0	0	0
TOTAL REVENUE	1,462,889	787,878	1,268,068	1,235,138	1,114,730	10,170,000	10,170,000	2,110,000	1,700,000
EXPENDITURES									
Operating									
Administration (Operating)									
Salaries / Wages 7-2-28-7310-300	1,950	0	259	0					
Training 7-2-28-7310-306	0	2,060	0	59	100	100	100	100	100
Conferences / Seminars 7-2-28-7310-307	0	1,006	0	0					
Memberships 7-2-28-7310-311	0	273	301	0					
Contracts 7-2-28-7310-330	1,628	748	5,109	1,819	2,000	2,000	2,000	2,000	2,000
Consulting 7-2-28-7310-331	256	0	0	470	500	500	500	500	500
Legal Fees 7-2-28-7310-332	0	2,596	0	0	0	0	0	0	0
Audit Fees 7-2-28-7310-333	0	4,172	4,100	4,100	4,100	4,100	4,100	4,100	4,100
Tel / Cable 7-2-28-7310-422	0	809	924	602	700	700	700	700	700
Meeting Costs 7-2-28-7310-423	8	478	608	1,276	1,500	1,500	1,500	1,500	1,500
Licences and Insurance 7-2-28-7310-400	0	0	0	0	0	0	0	0	0
Advertising 7-2-28-7310-410	0	0	0	766	600	600	600	600	600
Courier 7-2-28-7310-452	0	0	0	44					
Small Tools, Equipment & Furniture 7-2-28-7310-450	81	1,631	139	356	500	500	500	500	500
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 Tansmission Mains									150,000
Water Treatment Plant									225,000
ASR									0
Total Administration (Operating)	5,634	13,772	11,440	9,492	10,000	10,000	10,000	10,000	385,000
Total Operating	5,634	13,772	11,440	9,492	10,000	10,000	10,000	10,000	385,000

Capital - Program Summary

Description	G/L	2011 Actual	2012 Actual	2013 Actual	2014 Actual	2015 Budget	2016 Budget	2017 Budget	2018 Budget	2019 Budget
Property Acquisition - Administration	7-6-28-9750-300	13,683	-4,070	11,203	0	0	0	0	0	0
Property Acquisition - Contracts	7-6-28-9750-330	4,983	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
Property Acquisition - Equipment Res Charge Out	7-6-28-9750-800	136	739	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
Total Property Acquisition		1,225,925	-3,331	11,203	0	0	0	0	0	0
River Intake / Supply Mains - Administration	7-6.28-9751-300	48,421	34,906	39,635	35,807	40,000	40,000	40,000	150,000	0
River Intake / Supply Mains - Contracts	7-6.28-9751-330	358	256	0	182	0	2,000,000	2,000,000	0	0
River Intake / Supply Mains - Engineering	7-6.28-9751-331	10,685	17,681	338,863	343,177	400,000	850,000	850,000	0	0
River Intake / Supply Mains - Legal	7-6-28-9751-332	0	0	0	150	0	0	0	0	0
River Intake / Supply Mains - Advertising	7-6-28-9751-410	0	0	0	620	0	0	0	0	0
River Intake / Supply Mains - Meetings	7-6.28-9751-423	0	103	3,822	684	0	0	0	0	0
River Intake / Supply Mains - Parts / Supplies	7-6.28-9751-450	3,023	389	1,008	0	0	0	0	0	0
River Intake / Supply Mains - Equip. Charge Out	7-6.28-9751-800	2,189	727	19	0	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
Joint Transmission Main							400,000	400,000		
COP Transmission Main - Springwood / Pump Upgrade							1,730,000	1,730,000		
RDN - Craig Bay Pump Station / Top Bridge Transmission									1,725,000	
Total River Intake / Supply Mains		64,703	54,062	384,263	380,620	440,000	5,020,000	5,020,000	1,875,000	0
Water Treatment - Administration	7-6-28-9752-300	23,513	44,296	41,016	33,595	40,000	40,000	40,000	225,000	0
Water Treatment - Travel	7-6-28-9752-307	0	0	6,420	0	0	0	0	0	0
Water Treatment - Contracts	7-6-28-9752-330	27,222	20,167	0	1,032	0	4,250,000	4,250,000	0	0
Water Treatment - Engineering	7-6-28-9752-331	78,978	123,760	127,492	490,301	400,000	850,000	850,000	0	0
Water Treatment - Equip. Lease / Rental	7-6-28-9752-340	9,057	22,949	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
Water Treatment - Insurance	7-6-28-9752-400	102	102	0	0	0	0	0	0	0
Water Treatment - Advertising	7-6-28-9752-410	0	0	0	603	0	0	0	0	0
Water Treatment - Meeting Costs	7-6-28-9752-423	0	0	0	791	0	0	0	0	0
Water Treatment - Parts and Materials	7-6-28-9752-450	1,759	525	0	443	0	0	0	0	0
Water Treatment - Courier	7-6-28-9752-452	0	611	0	0	0	0	0	0	0
Water Treatment - Equip Res Charge	7-6-28-9752-800	0	306	739	0	0	0	0	0	0
Water Treatment - Gas & Oil	7-6-28-9752-460	689	0	0	0	0	0	0	0	0
Total Water Treatment		142,219	214,330	175,666	526,765	440,000	5,140,000	5,140,000	225,000	0

Capital - Program Summary

Description	G/L	2011 Actual	2012 Actual	2013 Actual	2014 Actual	2015 Budget	2016 Budget	2017 Budget	2018 Budget	2019 Budget
Aquifer Storage and Recovery - Administration	7-6-28-9753-300	0	47,966	68,824	42,248	40,000	0	0	0	15,000
Aquifer Storage and Recovery - Contracts	7-6-28-9753-330	0	184,135	234,995	135,486	94,730	0	0	0	1,150,000
Aquifer Storage and Recovery - Engineering	7-6-28-9753-331	24,407	263,943	229,267	128,733	90,000	0	0	0	150,000
Aquifer Storage and Recovery - Equip Rental	7-6-28-9753-340	0	1,806	1,619	605	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
Aquifer Storage and Recovery - Advertising	7-6-28-9753-410	0	0	0	603	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
Aquifer Storage and Recovery - Small Tools	7-6-28-9753-451	0	0	5,832	39	0	0	0	0	0
Aquifer Storage and Recovery - Courier	7-6-28-9753-452	0	0	0	161	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
Aquifer Storage and Recovery - Equip Res Charge Out	7-6-28-9753-800	0	1,585	7,901	2,086	0	0	0	0	0
Total Aquifer Storage and Recovery		24,407	509,045	685,496	318,261	224,730	0	0	0	1,315,000
Total Capital		1,457,254	774,107	1,256,628	1,225,646	1,104,730	10,160,000	10,160,000	2,100,000	1,315,000
TOTAL EXPENDITURES		1,462,889	787,878	1,268,068	1,235,138	1,114,730	10,170,000	10,170,000	2,110,000	1,700,000

TABLE 2									
Parkville Requisition - ERWS									
2015 - 2019 FINANCIAL PLAN (\$)									
	2011 Actual	2012 Actual	2013 Actual	2014 Actual	2015 Budget	2016 Budget	2017 Budget	2018 Budget	2019 Budget
REVENUE									
Joint Venture Requisitions									
Parkville Requisition (74%)	1,082,538	225,017	443,183	483,872	824,900	7,975,600	7,975,600	284,900	942,400
Other Revenue									
Grants	0	358,013	495,187	430,130	0	0	0	0	0
Transfer From Reserves	0		0	0	0	0	0	0	0
Total Other Revenue	0	358,013	495,187	430,130	0	0	0	0	0
TOTAL REVENUE	1,082,538	583,030	938,370	914,002	824,900	7,975,600	7,975,600	284,900	942,400
EXPENDITURES									
Operating	74%	74%	74%	74%	74%	74%	74%	74%	74%
Administration (Operating)									
Salaries / Wages 7-2-28-7310-300	1,443	0	192	0	0	0	0	0	0
Training 7-2-28-7310-306	0	1,524	0	44	74	74	74	74	74
Conferences / Seminars 7-2-28-7310-307	0	744	0	0	0	0	0	0	0
Memberships 7-2-28-7310-311	0	202	223	0	0	0	0	0	0
Contracts 7-2-28-7310-330	1,205	554	3,780	1,346	1,480	1,480	1,480	1,480	1,480
Consulting 7-2-28-7310-331	189	0	0	348	370	370	370	370	370
Legal Fees 7-2-28-7310-332	0	1,921	0	0	0	0	0	0	0
Audit Fees 7-2-28-7310-333	0	3,087	3,034	3,034	3,034	3,034	3,034	3,034	3,034
Tel / Cable 7-2-28-7310-422	0	599	684	445	518	518	518	518	518
Meeting Costs 7-2-28-7310-423	6	354	450	944	1,110	1,110	1,110	1,110	1,110
Licences and Insurance 7-2-28-7310-400	0	0	0	0	0	0	0	0	0
Advertising 7-2-28-7310-410	0	0	0	567	444	444	444	444	444
Courier 7-2-28-7310-452	0	0	0	33	0	0	0	0	0
Small Tools, Equipment & Furniture 7-2-28-7310-450	60	1,207	103	263	370	370	370	370	370
Minor Capital - Contracts 7-2-28-7350-330	895	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
Intake, Raw Watermain and Joint Tansmission Mains									111,000
Water Treatment Plant									166,500
ASR									0
Total Administration (Operating)	4,169	10,191	8,465	7,024	7,400	7,400	7,400	7,400	284,900
Total Operating	4,169	10,191	8,465	7,024	7,400	7,400	7,400	7,400	284,900

Capital - Program Summary

Description	G/L	2011 Actual	2012 Actual	2013 Actual	2014 Actual	2015 Budget	2016 Budget	2017 Budget	2018 Budget	2019 Budget
		74%	74%	74%	74%	74%	74%	74%	74%	50%
Property Acquisition - Administration	7-6-28-9750-300	10,125	-3,011	8,290	0	0	0	0	0	0
Property Acquisition - Contracts	7-6-28-9750-330	3,688	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
Property Acquisition - Equipment Res Charge Out	7-6-28-9750-800	101	547	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
Total Property Acquisition		907,185	-2,465	8,290	0	0	0	0	0	0
River Intake / Supply Mains - Administration	7-6.28-9751-300	35,832	25,830	29,330	26,497	29,600	29,600	29,600	111,000	0
River Intake / Supply Mains - Contracts	7-6.28-9751-330	265	190	0	135	0	1,480,000	1,480,000	0	0
River Intake / Supply Mains - Engineering	7-6.28-9751-331	7,907	13,084	250,759	253,951	296,000	629,000	629,000	0	0
River Intake / Supply Mains - Legal	7-6-28-9751-332	0	0	0	111	0	0	0	0	0
River Intake / Supply Mains - Advertising	7-6-28-9751-410	0	0	0	459	0	0	0	0	0
River Intake / Supply Mains - Meetings	7-6.28-9751-423	0	76	2,828	506	0	0	0	0	0
River Intake / Supply Mains - Parts / Supplies	7-6.28-9751-450	2,237	288	746	0	0	0	0	0	0
River Intake / Supply Mains - Equip. Charge Out	7-6.28-9751-800	1,619	538	14	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
Joint Transmission Main							296,000	296,000		
COP Transmission Main - Springwood / Pump Upgrade							1,730,000	1,730,000		
RDN - Craig Bay Pump Station / Top Bridge Transmission									0	
Total River Intake / Supply Mains		47,880	40,006	284,354	281,659	325,600	4,164,600	4,164,600	111,000	0
Water Treatment - Administration	7-6-28-9752-300	17,399	32,779	30,352	24,860	29,600	29,600	29,600	166,500	0
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	0	3,145,000	3,145,000	0	0
Water Treatment - Engineering	7-6-28-9752-331	58,444	91,582	94,344	362,823	296,000	629,000	629,000	0	0
Water Treatment - Equip. Lease / Rental	7-6-28-9752-340	6,702	16,982	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
Water Treatment - Insurance	7-6-28-9752-400	75	75	0	0	0	0	0	0	0
Water Treatment - Advertising	7-6-28-9752-410	0	0	0	446	0	0	0	0	0
Water Treatment - Meeting Costs	7-6-28-9752-423	0	0	0	585	0	0	0	0	0
Water Treatment - Parts and Materials	7-6-28-9752-450	1,301	388	0	328	0	0	0	0	0
Water Treatment - Courier	7-6-28-9752-452	0	452	0	0	0	0	0	0	0
Water Treatment - Equip Res Charge	7-6-28-9752-800	0	226	547	0	0	0	0	0	0
Water Treatment - Gas & Oil	7-6-28-9752-460	510	0	0	0	0	0	0	0	0
Total Water Treatment		105,242	158,604	129,993	389,806	325,600	3,803,600	3,803,600	166,500	0

Capital - Program Summary

Description	G/L	2011 Actual	2012 Actual	2013 Actual	2014 Actual	2015 Budget	2016 Budget	2017 Budget	2018 Budget	2019 Budget
Aquifer Storage and Recovery - Administration	7-6-28-9753-300	0	35,495	50,930	31,263	29,600	0	0	0	7,500
Aquifer Storage and Recovery - Contracts	7-6-28-9753-330	0	136,260	173,896	100,260	70,100	0	0	0	575,000
Aquifer Storage and Recovery - Engineering	7-6-28-9753-331	18,061	195,318	169,658	95,263	66,600	0	0	0	75,000
Aquifer Storage and Recovery - Equip Rental	7-6-28-9753-340	0	1,336	1,198	447	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
Aquifer Storage and Recovery - Advertising	7-6-28-9753-410	0	0	0	446	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
Aquifer Storage and Recovery - Small Tools	7-6-28-9753-451	0	0	4,316	29	0	0	0	0	0
Aquifer Storage and Recovery - Courier	7-6-28-9753-452	0	0	0	119	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
Aquifer Storage and Recovery - Equip Res Charge Out	7-6-28-9753-800	0	1,173	5,846	1,544	0	0	0	0	0
Total Aquifer Storage and Recovery		18,061	376,694	507,267	235,513	166,300	0	0	0	657,500
Total Capital		1,078,368	572,839	929,905	906,978	817,500	7,968,200	7,968,200	277,500	657,500
TOTAL EXPENDITURES		1,082,538	583,030	938,370	914,002	824,900	7,975,600	7,975,600	284,900	942,400

TABLE 2
Regional District of Nanaimo Requisition - ERWS
2015 - 2019 FINANCIAL PLAN (\$)

	2011 Actual	2012 Actual	2013 Actual	2014 Actual	2015 Budget	2016 Budget	2017 Budget	2018 Budget	2019 Budget
REVENUE									
Joint Venture Requisitions									
RDN Requisition (26%)	380,351	79,060	155,713	170,009	289,830	2,194,400	2,194,400	1,825,100	757,600
Other Revenue									
Grants	0	125,788	173,985	151,127	0	0	0	0	0
Transfer From Reserves	0		0	0	0	0	0	0	0
Total Other Revenue	0	125,788	173,985	151,127	0	0	0	0	0
TOTAL REVENUE	380,351	204,848	329,698	321,136	289,830	2,194,400	2,194,400	1,825,100	757,600
EXPENDITURES									
Operating	26%	26%	26%	26%	26%	26%	26%	26%	26%
Administration (Operating)									
Salaries / Wages	507	0	67	0	0	0	0	0	0
Training	0	536	0	15	26	26	26	26	26
Conferences / Seminars	0	261	0	0	0	0	0	0	0
Memberships	0	71	78	0	0	0	0	0	0
Contracts	423	195	1,328	473	520	520	520	520	520
Consulting	66	0	0	122	130	130	130	130	130
Legal Fees	0	675	0	0	0	0	0	0	0
Audit Fees	0	1,085	1,066	1,066	1,066	1,066	1,066	1,066	1,066
Tel / Cable	0	210	240	157	182	182	182	182	182
Meeting Costs	2	124	158	332	390	390	390	390	390
Licences and Insurance	0	0	0	0	0	0	0	0	0
Advertising	0	0	0	199	156	156	156	156	156
Courier	0	0	0	11	0	0	0	0	0
Small Tools, Equipment & Furniture	21	424	36	93	130	130	130	130	130
Minor Capital - Contracts	314	0	0	0	0	0	0	0	0
Minor Capital - Parts / Materials	131	0	0	0	0	0	0	0	0
Intake, Raw Watermain and Joint Transmission Mains									39,000
Water Treatment Plant									58,500
ASR									0
Total Administration (Operating)	1,465	3,581	2,974	2,468	2,600	2,600	2,600	2,600	100,100
Total Operating	1,465	3,581	2,974	2,468	2,600	2,600	2,600	2,600	100,100

Capital - Program Summary

Description	G/L	2011 Actual	2012 Actual	2013 Actual	2014 Actual	2015 Budget	2016 Budget	2017 Budget	2018 Budget	2019 Budget
		26%	26%	26%	26%	26%	26%	26%	26%	50%
Property Acquisition - Administration	7-6-28-9750-300	3,558	-1,058	2,913	0	0	0	0	0	0
Property Acquisition - Contracts	7-6-28-9750-330	1,296	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
Property Acquisition - Equipment Res Charge Out	7-6-28-9750-800	35	192	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
Total Property Acquisition		318,741	-866	2,913	0	0	0	0	0	0
River Intake / Supply Mains - Administration	7-6-28-9751-300	12,590	9,075	10,305	9,310	10,400	10,400	10,400	39,000	0
River Intake / Supply Mains - Contracts	7-6-28-9751-330	93	67	0	47	0	520,000	520,000	0	0
River Intake / Supply Mains - Engineering	7-6-28-9751-331	2,778	4,597	88,104	89,226	104,000	221,000	221,000	0	0
River Intake / Supply Mains - Legal	7-6-28-9751-332	0	0	0	39	0	0	0	0	0
River Intake / Supply Mains - Advertising	7-6-28-9751-410	0	0	0	161	0	0	0	0	0
River Intake / Supply Mains - Meetings	7-6-28-9751-423	0	27	994	178	0	0	0	0	0
River Intake / Supply Mains - Parts / Supplies	7-6-28-9751-450	786	101	262	0	0	0	0	0	0
River Intake / Supply Mains - Equip. Charge Out	7-6-28-9751-800	569	189	5	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
Joint Transmission Main							104,000	104,000		
COP Transmission Main - Springwood / Pump Upgrade							0	0		
RDN - Craig Bay Pump Station / Top Bridge Transmission									1,725,000	
Total River Intake / Supply Mains		16,823	14,056	99,908	98,961	114,400	855,400	855,400	1,764,000	0
Water Treatment - Administration	7-6-28-9752-300	6,113	11,517	10,664	8,735	10,400	10,400	10,400	58,500	0
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	0	1,105,000	1,105,000	0	0
Water Treatment - Engineering	7-6-28-9752-331	20,534	32,178	33,148	127,478	104,000	221,000	221,000	0	0
Water Treatment - Equip. Lease / Rental	7-6-28-9752-340	2,355	5,967	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
Water Treatment - Insurance	7-6-28-9752-400	26	26	0	0	0	0	0	0	0
Water Treatment - Advertising	7-6-28-9752-410	0	0	0	157	0	0	0	0	0
Water Treatment - Meeting Costs	7-6-28-9752-423	0	0	0	206	0	0	0	0	0
Water Treatment - Parts and Materials	7-6-28-9752-450	457	136	0	115	0	0	0	0	0
Water Treatment - Courier	7-6-28-9752-452	0	159	0	0	0	0	0	0	0
Water Treatment - Equip Res Charge	7-6-28-9752-800	0	79	192	0	0	0	0	0	0
Water Treatment - Gas & Oil	7-6-28-9752-460	179	0	0	0	0	0	0	0	0
Total Water Treatment		36,977	55,726	45,673	136,959	114,400	1,336,400	1,336,400	58,500	0

Capital - Program Summary

Description	G/L	2011 Actual	2012 Actual	2013 Actual	2014 Actual	2015 Budget	2016 Budget	2017 Budget	2018 Budget	2019 Budget
Aquifer Storage and Recovery - Administration	7-6-28-9753-300	0	12,471	17,894	10,984	10,400	0	0	0	7,500
Aquifer Storage and Recovery - Contracts	7-6-28-9753-330	0	47,875	61,099	35,226	24,630	0	0	0	575,000
Aquifer Storage and Recovery - Engineering	7-6-28-9753-331	6,346	68,625	59,609	33,471	23,400	0	0	0	75,000
Aquifer Storage and Recovery - Equip Rental	7-6-28-9753-340	0	470	421	157	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
Aquifer Storage and Recovery - Advertising	7-6-28-9753-410	0	0	0	157	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
Aquifer Storage and Recovery - Small Tools	7-6-28-9753-451	0	0	1,516	10	0	0	0	0	0
Aquifer Storage and Recovery - Courier	7-6-28-9753-452	0	0	0	42	0	0	0	0	0
Aquifer Storage and Recovery - Hydro	7-6-28-9753-461	0	0	130	429	0	0	0	0	0
Aquifer Storage and Recovery - Equip Res Charge Out	7-6-28-9753-800	0	412	2,054	542	0	0	0	0	0
Total Aquifer Storage and Recovery		6,346	132,352	178,229	82,748	58,430	0	0	0	657,500
Total Capital		378,886	201,268	326,723	318,668	287,230	2,191,800	2,191,800	1,822,500	657,500
TOTAL EXPENDITURES		380,351	204,848	329,698	321,136	289,830	2,194,400	2,194,400	1,825,100	757,600