

MINUTES FROM THE MEETING OF THE OKANAGAN BASIN WATER BOARD  
 MARCH 13th, 1980, 2:00 P.M., OFFICES OF THE REGIONAL  
 DISTRICT OF CENTRAL OKANAGAN, 540 GROVES AVENUE, KELOWNA, B.C.

Present:

W.J.C. Kane	R.D.C.O.
R. Hein	R.D.C.O.
E. Lamont	R.D.C.O.
D. McDougall, Alternate	R.D.O.S.
K. Blagborn	R.D.O.S.
J.R. Barrett	R.D.O.S.
M. Kirton	R.D.N.O.
N. Davidson	R.D.N.O.
H. Powell, Alternate	R.D.N.O.
D. Hammill, Official Observer	City of Kelowna

Staff

W. Parchomchuk	Secretary-Manager
L. Fraboni	Secretary

Also Present:

F. King, M.P.  
 T. Carter  
 Dr. D.A. Clarke, South Okanagan Health Unit  
 L. Miles, Village of Osoyoos  
 G. Punnett, Okanagan Basin Implementation Office  
 Dick Simpson  
 John Warnock, South Okanagan Environmental Coalition  
 Jamie Byerd, South Okanagan Environmental Coalition  
 Peter Chataway, Okanagan Greenpeace  
 Rosemary Hearst, SPEC  
 Dick Vest, City of Vernon  
 Mr. & Mrs. Jennens  
 Dan Logan, Okanagan Indian Band  
 B.E. Marr, Deputy Minister, Ministry of Environment  
 T. Oxland, Regional Manager, Ministry of Environment  
 P. Newroth, Ministry of Environment  
 R. Adams, Ministry of Environment  
 G. Armour, Ministry of Environment  
 M. Maxnuk, Ministry of Environment

News Media: C.K.O.V.  
 C.K.I.Q.  
 C.H.B.C.  
 A. Huggins

Chairman Kane opened the meeting.

Mins. of Mtg.  
 Jan. 17/80:

BLAGBORN/KIRTON

Res. No.  
 18/80

THAT the minutes of the meeting of the Okanagan Basin Water Board for January 17, 1980 be adopted as circulated.

CARRIED

Admin. Accts:

Administrative accounts outstanding to March 13, 1980 were presented for approval.

Res. No.  
 19/80

BARRETT/LAMONT

THAT the Administrative Accounts totalling \$949.54 be approved.

CARRIED

Aquatic  
Weed Accts:

Aquatic Weed Program Accounts for December 1979 and January 1980 totalling \$115,282.94 were presented for approval.

Res. No.  
20/80

KIRTON/DAVIDSON

THAT the Aquatic Weed Program Accounts for December 1979 and January 1980 totalling \$115,282.94 be approved.

CARRIED

Sewerage  
Fac. Res.  
Fund:

The Sewerage Facilities Reserve Fund Grants for the second half of 1979 were presented as follows:

City of Vernon	\$ 30,249.19	
District of Coldstream	34,363.67	
City of Penticton	27,528.20	
Village of Osoyoos	<u>9,929.46</u>	
Total		<u>\$ 102,070.52</u>

Correspondence verifying the amount of grants had been received.

Res. No.  
21/80

DAVIDSON/HEIN

THAT the Sewerage Facilities Reserve Fund Grants totalling \$102,070.52 be approved.

CARRIED

Impact on  
Res. Fund  
of Spray  
Irr. City of  
Penticton:

The Secretary-Manager reported that cost estimates of the Penticton effluent-to-land proposal as directed by the Province were as high as \$25,000,000. Since the Water Board would be paying 18% of the net annual debt of the project in excess of 2.5 mills to the City, the impact of the proposal on the Water Board sharing formula could be substantial. The annual cost to the Board for capital debt could be up to \$468,000. This would be even greater than the impact on the City of Penticton which would be required to pay only 7% of net annual debt. The City was concerned more with operating costs, which would have to be borne entirely by the City. The City was presently negotiating with the Province. Since capital costs would impact heavily on the Water Board, it was suggested the Board should be involved in negotiations. The Board has previously approached the Environment Ministry concerning costs of this project being greatly in excess of the recommended program of the Okanagan Basin Study.

Res. No.  
22/80

BARRETT/McDOUGALL

THAT the Okanagan Basin Water Board establish a dialogue between the Province and the City of Penticton relating to capital costs of the Penticton effluent-to-land proposal.

CARRIED

The Chairman welcomed Fred King, M.P. to the meeting.

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D. Hammill entered the meeting at 2:15 p.m.

CORRESPONDENCE

Letter -  
City of  
Kelowna:

- (1) Letter from the City of Kelowna dated February 27, 1980  
re: request to Provincial Government for funding of the  
"Jennens Weed Machine".

Mayor Hammill stated that most Water Board Members had attended a tour of the "Jennens Weed Machine". He suggested that as there appeared to be no other positive alternative to the Machine, that all stops be pulled and the machine be funded in order to have it working as soon as possible. Funding could be based on a repayable basis as work is done.

H. Powell entered the meeting at 2:19 p.m.

The Chairman mentioned that the Jennens Weed Machine is fully developed at the present time; however, funds are required for assembly and testing by qualified technicians. Requested funds would allow the machine to be on the lake this season, otherwise it may be delayed a further season.

Mayor Hammill indicated assurance from Mr. Jennens that from the time of financial support the machine could be on the lake within 4 months for testing. A letter from Mr. Jennens to this effect is available. Mayor Hammill urged the Board to decide on a direction and strongly urged support of the machine. The funding requirement is \$50,000. Mr. Jennens presently has a performance contract with the Province, but this is 3 years old and would be renegotiated.

This subject would be discussed further on in the agenda when Ministry of Environment staff would be in attendance.

Septic Tank  
Disposal  
Rec:

Letters -  
G.E. Simmons,  
R.D.C.O.,  
W.N. Vander  
Zalm

- (2) Letters from G.E. Simmons, Chairman, Okanagan Basin Implementation Board dated February 18, 1980, Regional District of Central Okanagan dated February 5, 1980, and W.N. Vander Zalm, Minister of Municipal Affairs dated March 3, 1980.

All the above correspondence related to implementation of "Septic Tank Sewage Disposal Recommendations" for the Okanagan Basin.

The Hon. W.N. Vander Zalm agreed there was some urgency in implementing the recommendations, but he did not think legislation under his Ministry was appropriate for implementation. His staff would continue discussion with other Ministries.

N. Davidson, expressing the views of the Regional District of North Okanagan, urged that the Board continue to press for implementation.

Referring to correspondence from the Regional District of Central Okanagan, the Chairman indicated that a request had been made by Mr. Hindley and Mr. Fish of the Ministry of Health for a meeting with the Septic Tank Task Force. The Secretary-Manager indicated that correspondence of February 25, 1980 had been received from H.M. Richards of the Ministry of Health indicating Mr. Hindley and Mr. Fish had made input to the preliminary draft of May 30, 1979. A meeting may not be necessary.

Res. No.  
23/80

HEIN/DAVIDSON

THAT the correspondence from G.E. Simmons, the Regional District of Central Okanagan and W.N. Vander Zalm be received;

AND THAT the Water Board continue to press for the implementation of the Septic Tank Sewage Disposal Recommendations with the Ministries concerned.

CARRIED

Lands Branch Applications

Dist. of  
Peachland -  
Foreshore  
Rec. Lease:

An application for a recreation lease, on all crown foreshore adjoining the Municipality of Peachland, by the District of Peachland was referred to the Board. The Secretary-Manager explained the purpose of the lease would be for water recreation. The entire foreshore would be reserved for public use with a minimum of structures.

Res. No.  
24/80

HEIN/BLAGBORN

THAT the application for a foreshore lease by the District of Peachland be supported.

CARRIED

R. Hein suggested that the Board write to the District of Peachland expressing the Board's support of their application.

City of  
Penticton -  
Appl. to  
fill crown  
foreshore:

An application from the City of Penticton to fill crown foreshore was referred to the Board.

Director Barrett explained that the area concerned is near the Okanagan Lake Boat Marina in the City of Penticton. This is not a beach area and would be used to provide extra parking for the Marina.

Res. No.  
25/80

BARRETT/HEIN

THAT the application by the City of Penticton to fill crown foreshore be approved.

CARRIED

Re: Aquatic Weed Program 1980  
 Herbicide  
 Applications:

Letters -  
 G.E. Simmons,  
 N.A. David-  
 son, R.D.N.O.: A letter of February 1, 1980 from Mr. G.E. Simmons, a letter of February 15, 1980 from Mayor N.A. Davidson, and a letter of March 3, 1980 from the Regional District of North Okanagan all concerning herbicide use applications were brought to the attention of the Board.

Mr. Simmons' letter indicated that the Province has not applied for any herbicide use permits outside of Kalamalka and Wood Lake. The Ministry of Environment would assist local governments in applying for permits and in carrying out treatments, however the Province preferred that one agency such as the Water Board held all permits. If the Board wished to make applications this season, action would have to be taken soon.

The letter of February 15th from Mayor N.A. Davidson urged the Board to apply for herbicide use permits as there is, presently, no better method for aquatic weed control.

A letter of March 3rd from the Regional District of North Okanagan indicated that the Regional District was desirous of making an application for the use of 2,4-D in the Vernon Arm of Okanagan Lake for the control of Eurasian Water Milfoil. The Regional District was inquiring as to procedure and whether the permit would be applied for and held in the name of the Okanagan Basin Water Board.

A letter had been sent from the Water Board office to all communities within the Basin asking whether they wished applications made for herbicide permits. Letters had also been received from the Westbank Indian Council, District of Summerland, City of Penticton, and the Regional District of Central Okanagan. All of these indicated they did not wish to apply for herbicide use permits.

Director Davidson felt the letters from other communities indicated there was not unanimity in the Basin insofar as use of herbicides, therefore, he suggested the matter of an application in the Vernon Arm be referred back to the Regional District of North Okanagan for implementation.

Director Lamont agreed there was not unanimity on this issue. However, he felt the Board should be in a position to comment on any applications.

Res. No.  
 26/80

DAVIDSON/LAMONT

THAT the Okanagan Basin Water Board would not make applications or hold applications for the use of 2,4-D, but would refer this matter to the Municipalities or Regional Districts which may individually wish to make application to the Province.

CARRIED

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Mayor Hammill expressed the view that perhaps the City of Kelowna was not getting adequate information from the Province. Since the North end of the Valley had determined to use 2,4-D perhaps there was some knowledge that was not available in the Kelowna area where it was felt that 2,4-D should not be used. The Report of the advisory committee had recommended against the large scale use of 2,4-D in Okanagan Lake.

Mayor Davidson indicated that if there were other reasonable alternatives other than the use of chemicals, these would definitely be supported. However, at present there does not appear to be a suitable alternative. It would be a long time to await the development of any machines. Test results of machines are uncertain. 2,4-D appeared to be the only available answer at this time even though it was not entirely perfect.

The meeting adjourned for recess at 2:50 p.m. as members of the Ministry of Environment had arrived.

The meeting resumed at 3:00 p.m.

The following members of the Ministry of Environment were introduced:

Mr. B.E. Marr  
Mr. T. Oxland  
Dr. P. Newroth  
Mr. R. Adams  
Mr. G. Armour  
Mr. M. Maxnuk

Mayor Hammill indicated that his most recent information relating to the use of 2,4-D and the treatment of Eurasian Water Milfoil was contained in the most recent report of the U.B.C. Advisory Committee in 1979. He asked if there was more recent information as he felt the City of Kelowna was not updated. Mr. Marr reported that information concerning last year's monitoring program was being made available presently.

B.E. Marr:  
Re: Memo.  
of Under-  
standing  
for cost-  
sharing  
1980:

Mr. Marr wished to make a presentation first, and perhaps the questions being asked would fall into place. The Province wished to enter into agreements with local governments for aquatic weed cost sharing. A Memorandum of Understanding between the Province and the Water Board was drafted by the Province and presented for consideration for the 1980 program. The Memorandum of Understanding, indicated the total Provincial program for the fiscal year 1980-81 in the Okanagan Basin would cost the Province no more than \$725,000. Out of this total the Province would allocate up to \$94,000 towards Aquatic Weed Harvesting programs which would be cost-shared with the Board. Further amounts could be allocated out of the total budget to special measures proposed by the Water Board and accepted under a cost-sharing arrangement with the Province. The Province would contribute 75 percent of costs and the Water Board 25 percent. For other programs, such as research, monitoring, mapping, and herbicide treatment in Kalamalka and Wood Lake, the Province would continue to carry 100 percent of costs under existing programs.

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Existing harvesters would be turned over to the Water Board. The Province would cover 75 percent of operation and maintenance costs. No chemicals would be used in the Basin other than Wood and Kalamalka Lakes. Rototilling and other testing presently being done in Osoyoos Lake would be covered by the Province. If the Water Board wished to have any other programs initiated, the Province would look at a 75/25 cost-sharing formula. Mr. Marr felt there was urgency in his presentation and was prepared to enter into contractual arrangements today.

Mr. Marr also presented a copy of a "Draft Agreement for Aquatic Plant Management in the Okanagan Basin of British Columbia". This draft was presented for discussion at this time. It was proposed to turn over operations management of the aquatic weed program to a Committee of six, consisting of four local representatives and two provincial staff representatives. This would be a five year Agreement with an annual budget agreed to each year. Components of the program could also change each year, but the program would continue over the five years. This would also be shareable on a 75/25 Province/Water Board basis over the full term. The Chairman indicated this was the first time the Water Board has seen these documents and would require some time for further discussion and meetings to work out details of the proposal.

Mr. Marr felt there was an urgency in getting this matter moving. He indicated that other programs that the Water Board requested could be added to the \$94,000. of which the Province would share 75%. The Memorandum of Understanding could be signed while the five year Agreement is negotiated.

Mr. Marr indicated that the Province would look at the whole administration through the Water Board while the Province would cost share. Present equipment will have to eventually be replaced. This could either be done by rental, lease or purchase. When new equipment is purchased, the 75/25 cost-sharing formula would also be used. The formula would remain constant but the Budget may increase or decrease.

Mayor Davidson asked concerning the cost of the program to Regional Districts.

Mr. Marr mentioned that he preferred working through the Okanagan Basin Water Board rather than a number of local agencies. The reason the Water Board exists is to provide a single agency within the Basin which the Province could deal with. The Water Board could if necessary, deal with individual Municipalities in the Basin where special considerations are necessary. The Board would negotiate with the Province and perhaps could raise required funds through individual Municipalities for special projects to be included in cost sharing.

Insofar as the use of 2,4-D, Mr. Marr indicated that Kalamalka and Wood Lake would be given one last chance this year. On Okanagan Lake it is now a cosmetic situation. If local governments make application for the use of herbicides, the Province would carry out the program. Small local treatments of herbicides are still possible in Okanagan Lake, even in view of the three-man Advisory Committee Report.

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Director Hein expressed concern that, in the future, the Province would not be working as intensively on Kalamalka and Wood Lake. Mr. Marr indicated that he hoped that Kalamalka and Wood Lake would come under the cost-sharing program, the same as the Okanagan Lake, in the future. After one year the weed problem on Kalamalka - Wood Lake could be reviewed and a decision made if herbicides could be used for a further year still.

The Chairman indicated that the Water Board would be going into Committee to discuss the proposal presented by Mr. Marr. The Board has not had the opportunity to review the proposal nor has it had authority or control under the Aquatic Weed Program.

Mayor Hammill urged the Board to persue this issue now rather than going into Committee. If the Board wished to receive Provincial funding for the Jennens Machine, it should get into the cost-sharing formula now so that the machine could be ready for testing this summer. The Board should be interested in having a say in what should be done in the Okanagan relative to aquatic weed control. An amount of \$50,000 would be required to complete the Jennens Machine by this summer. He felt other methods do not compare with the machine method.

The Chairman indicated that the Water Board is a function of the three Regional Districts. The Board would have to go back to the three Regional Districts for approval of any funding and for adjustments of budgets, which have already been submitted, before any agreement could be entered into this year.

Mr. Marr indicated that if the Province was to jointly share in the Jennens Machine, that the Province would take their \$37,500 share off another part of their existing program to contribute towards the Jennens Machine. The Water Board's share towards the Machine would be \$12,500.

Director Blagborn urged support of the Jennens Machine concept and indicated the Board should be prepared to take a gamble. Director Davidson asked what would be accomplished for the \$50,000. grant towards the Machine. Would this just get the machine into the water or would the testing and some work be complete. He also indicated that the Federal and Provincial Governments had been asked for support in letters forwarded from the Mayors and Regional Districts throughout the Basin.

Mayor Hammill reported the Jennens Machine had been given a \$5,000. contribution from the Federal Government. The Province has also contributed an additional \$20,000. to the machine. This was for additional labour. As the machine is a prototype there will be some time delays. There is no guarantee whether the machine will work.

Mr. Marr related some concerns over the machine. He indicated that the Province had an agreement with Mr. Jennens in May 1977 to perform a contract. All the criteria were laid out, however, the contract was not performed. The Province had also allowed 300 acres to be covered under the contract with Mr. Jennens once the machine was operational. Last year the Province had contributed \$20,000. towards the machine which was to be in the water by May of last year. Mr. Marr felt a strong presentation was made on behalf of the Jennens Machine. He/



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He indicated the Province still has a contract for the machine to perform on a designated number of acres prior to granting of any funds. He had been through this procedure before. He questioned what the Board would get for the \$50,000. If the machine is placed into the water, it should have to be tested over 25 acres as indicated in the Provincial contract.

Mayor Hammill stated that an agreed period of four months could be allowed from the time the grant is given until the machine is completed ready for testing. He indicated the 25 acre test plot could be completed as part of the terms of the \$50,000. grant.

The Chairman indicated that funding required now was for acceleration of the machine assembly by this summer. If the grant is not given, there would be a delay of one year; however, the machine would still likely be completed. If the work on the machine is not done, the amount of the grant would have to be written off.

Discussion occurred as to whether the Board would enter into the Memorandum of Understanding prior to entering an agreement for cost sharing of the Jennens Aquatic Weed Machine or whether cost sharing for the machine could occur independently of the Memorandum of Understanding. Mr. Marr indicated that the Memorandum of Understanding would have to be entered into before funding of the machine would be accepted. This would become a Special Measure within the Memorandum.

The Chairman mentioned that any support the Water Board could give at this time could only be in the form of a recommendation to the Regional Districts, since the funding of any proposal would be contingent upon all of the Regional Districts accepting these proposals as part of their budgets which would have to be changed at this late date.

Res. No.  
27/80

POWELL/LAMONT

THAT the Okanagan Basin Water Board recommend to the participating Regional Districts support for the proposed Memorandum of Understanding relating to aquatic weed control in 1980 and that the three Regional Districts be asked for funding to meet the Board's share of costs.

CARRIED

The Secretary-Manager asked whether the Water Board wished the Memorandum of Understanding to be applicable for 1980 or in 1981. The Board agreed that if approved, it would be applicable in 1980.

Res. No.  
28/80

BLAGBORN/LAMONT

THAT the Jennens Aquatic Weed Machine be added for funding under the Memorandum of Understanding with the Province, subject to a suitable contract, and that completion of the 25 acre test plot be included within the conditions of the contract.

CARRIED

.../10

Mr. Marr indicated before Provincial funding could occur, a suitable contract with Mr. Jennens would have to be worked out.

The total cost to the Province of the entire program under the Memorandum of Understanding, including both Aquatic Weed Harvesting and the Jennens Aquatic Weed Machine, would be \$131,500. The total cost to the Water Board would be \$43,833.

Res. No.  
29/80

DAVIDSON/BLAGBORN

THAT the Secretary-Manager send a Memorandum to the Regional Districts showing details and costs of the proposed Memorandum of Understanding with the Province.

CARRIED

Harvesting  
Schedule  
1980:

A proposed harvesting schedule for the 1980 season had been circulated to the Water Board prior to the Meeting. Comments would be acceptable. Mr. Lamont asked that Wilson's Landing be included in this schedule.

Res. No.  
30/80

KIRTON/BLAGBORN

THAT the 1980 proposed aquatic weed harvesting schedule be adopted.

CARRIED

OTHER BUSINESS

Letters  
Patent  
R.D.O.S.:

Director McDougall reintroduced a resolution requesting that the Similkameen portion of the Regional District of Okanagan-Similkameen be excluded from the function of the Water Board. The Similkameen area feel they do not benefit from the Board. So far the Okanagan portion of the Regional District of Okanagan-Similkameen has been paying the Water Board administrative cost share. The Regional District had discussed this matter/

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matter with staff of the Ministry of Municipal Affairs and with the other Regional Boards in the Basin.

Director Barrett felt as the Board would now be asking for funds for Aquatic Weed Control, there could be difficulty getting support from the Similkameen area. Director Davidson expressed concern that fragmentation could result if the area were withdrawn and if the North Okanagan decided to withdraw the Shuswap portion.

Res. No.  
31/80

McDOUGALL/BARRETT

THAT the Supplementary Letters Patent of the Regional District of Okanagan-Similkameen be adjusted so that the Water Board administrative costs are levied from the benefiting areas only; that is, those areas defined as lying within the Okanagan Basin.

MOTION DEFEATED

5 opposed

3 in favour

D. Logan,  
Okanagan  
Indian Band  
re: Deep  
Creek  
Pollution:

Mr. Dan Logan of the Okanagan Indian Band asked to speak to the Board. He expressed concern for the pollution in the North Arm of Okanagan Lake. There was no help being given by the Provincial Government. Effluent from the City of Armstrong was affecting the north end of the Lake. He felt there should be more Provincial assistance.

Mayor Kirton indicated that Armstrong was now in the process of designing an effluent -to-land disposal system. The City has options on property and has been trying for seven years to remove this discharge from Deep Creek.

Mr. Logan wished to be kept informed concerning the Armstrong project and would be pleased to attend a meeting in this regard.

The meeting adjourned at 4:35 p.m.

J.P.

MINUTES - MEETING OF THE OKANAGAN BASIN WATER BOARD,  
MAY 8th, 1980, 2:00 P.M., OFFICES OF THE REGIONAL DISTRICT  
OF CENTRAL OKANAGAN, KELOWNA, B.C.

Present:	W.J.C. Kane	R.D.C.O.
	R. Hein	R.D.C.O.
	E. Lamont	R.D.C.O.
	K. Blagborne	R.D.O.S.
	J.R. Barrett	R.D.O.S.
	D. McDougall (alternate)	R.D.O.S.
	R. Postill	R.D.N.O.
	N. Davidson	R.D.N.O.
	R.P. French (alternate)	R.D.N.O.

Staff

W. Parchomchuk	Secretary-Manager
L. Fraboni	Secretary

Also present:

T.R. Carter, C.W.R.A.  
 Mr. & Mrs. Jennens  
 A.M. Thomson  
 Dick Simpson

News Media: C.H.B.C.  
 C.K.O.V.  
 C.K.I.Q.  
 Kelowna Daily Courier  
 A. Huggins, Freelancer

Chairman Kane opened the meeting.

Mins. of  
Mtg.  
March 13,  
1980:

HEIN/POSTILL

Res. No.  
32/80

THAT the minutes of the meeting of the Okanagan Basin Water Board for March 13, 1980 be adopted as circulated.

CARRIED

Admin.  
Accts:

Administrative accounts outstanding to May 8, 1980 were presented for approval.

POSTILL/BLAGBORN

Res. No.  
33/80

THAT the Administrative Accounts totalling \$1,018.67 be approved.

CARRIED

Aquatic  
Weed Accts:

Aquatic Weed Program Accounts for February 1980 (\$100,417.41) and March 1980 (\$53,922.65) were presented for approval.

Director Davidson enquired as to what portion of the expenditures to date were for actual weed eradication.

The Secretary-Manager explained that the total of \$2,946,721.20 to date represented funds processed through the Water Board Office over the 3 year period of the program. Provincial expenditures were in addition. The combined total was estimated to be \$5,000,000. Funds spent on direct operations were only a fraction of this total.

Chairman Kane stated that \$14,000 was allocated in the Water Board budget for the Board's part of the program. The Water Board administers aquatic weed accounts and payroll; however, has no administrative or management control over the program. The Board has never received annual budget figures therefore could not effectively comment.

DAVIDSON/POSTILL

Res. No.  
34/80

THAT the Aquatic Weed Program Accounts for February 1980 (\$100,417.41) and March 1980 (\$53,922.65) be approved.

CARRIED

Financial  
Statements:

Financial Statements of the Water Board for the year ended December 31, 1979 as prepared by Thorne Riddell & Co. were presented.

Financial statements do not include provincial aquatic weed program accounts. Fixed assets does not include any weed harvesting equipment as this has been turned over to the Province.

The Statement for the Sewerage Facilities Assistance Reserve Fund was discussed. The fund balance as of December 31, 1979 was \$1,269,551. The Chairman stated that the levy imposed at this time appeared to be sufficient, however, with additional costs of new facilities to be constructed in Penticton and Kelowna, consideration should be given to increasing the levy for next year.

DAVIDSON/POSTILL

Res. No.  
35/80

THAT the Okanagan Basin Water Board Financial Statements for the year ended December 31, 1979 be adopted.

CARRIED

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CORRESPONDENCE

D. Thompson  
Okanagan  
Boat Launch  
Plan:

1. Letter from Derek Thompson, Parks Branch, April 15, 1980.  
re: Okanagan Boat Launch Plan

Mr. Thompson informed his office would produce a draft framework plan for future public boat launching in the Okanagan. This plan would be supplementary to data already gathered under the Boat Launch Inventory and the Boat Launch User Survey.

W. Kane explained that the Water Board role in this matter is one of coordination. There was a lack of policy Provincially on boat launch facilities. No one agency is accepting responsibility.

The Secretary-Manager mentioned that an extensive report relative to Provincial boat launch policy had been completed by the Province with recommendations specific to the Okanagan; however, no policy changes have been made.

Mr. Kane explained the Board would work with the Regional Districts to bring together information. Sites would be recommended. Financing responsibility would have to be resolved.

McDOUGALL/HEIN

Res. No.  
36/80

THAT the letter from Derek Thompson dated April 15, 1980 be received.

CARRIED

Fred King  
re: Sew.  
Fac. Res.  
Fund:

- 2. Letter of April 21, 1980 from Mr. Fred King, M.P., Okanagan-Similkameen.  
re: Sewerage Facilities Reserve Fund  
Mr. King wished to know whether the Board still wished to persue a grant from the Federal and Provincial Governments toward a reserve fund for sewerage facilities.

The Secretary-Manager explained that in the latter part of 1979 the Water Board had met with Mr. Fraser, Minister of Environment Canada, Mr. George Whittaker, M.P., Okanagan North and Mr. Fred King, M.P., Okanagan-Similkameen. A brief was presented for joint funding of a sewerage facilities reserve fund in the amount of \$20 million to be applied against excessive costs in the Okanagan Basin. However, with the change in government, there had been no further advancement.

Mr. Hein equired as to what the results had been from the earlier meeting with the Federal Environment Minister.

The results appeared positive during the meeting. However, subsequent correspondence was not encouraging.

Director Davidson felt the Board should attempt to achieve a positive commitment from the Province before approaching the Federal Government again. Perhaps a 3 way meeting could be arranged.

DAVIDSON/HEIN

Res. No.  
37/80

THAT the letter from Mr. King of April 21st, 1980 be received;

AND THAT the Provincial Environment Minister be contacted for support of this proposal.

CARRIED

A three way meeting would be arranged once the Province has responded.

C.S.Rogers  
K.R. Mair  
re:Septic  
Tank Sew.  
Disp. Rec:

- 3. Letters from Hon. C.S. Rogers, March 11, 1980  
Hon. K. Rafe Mair, March 11, 1980  
Hon. K. Rafe Mair, April 17, 1980

re: Septic Tank Sewage Disposal Recommendations -  
Implementation

The Secretary-Manager explained that the Septic Tank Sewage Disposal Recommendations had been forwarded to the three Ministries concerned urging that the regulations be implemented. All Ministries indicated that the Ministry of Health was the appropriate Ministry to implement the regulations. The Minister of Health informed the regulations have now been referred to the Environment and Land Use Technical Committee for review and recommendations.

POSTILL/DAVIDSON

Res. No.  
38/80

THAT the letters from Hon. C.S. Rogers and Hon. K. Rafe Mair be received.

CARRIED

W. Vander Zalm re: Cost Sharing City of Penticton:

4. Letter from W. Vander Zalm, April 9, 1980  
Re: Cost sharing, City of Penticton effluent-to-land proposal

This letter was in response to Water Board correspondence of March 20 indicating Water Board concerns over the high capital cost of the proposed Penticton effluent-to-land project and its impact on the Water Board Sewerage Facilities Reserve Fund.

Mr. Vander Zalm indicated the Water Board would be informed if further negotiation is required.

BARRETT/BLAGBORNE

Res. No. 39/80

THAT the letter from W. Vander Zalm of April 9, 1980 be received.

CARRIED

Mr. Barrett indicated that the City of Penticton had received excellent cooperation from Mr. Vander Zalm, and the Ministry was very easy to deal with on this matter.

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Canadian Water Res. Assoc. Conf:

Mr. T.R. Carter, of Kelowna, and Conference Chairman for the 33rd Annual Conference of the Canadian Water Resources Association was in attendance. He informed that the 33rd Annual Conference of the Association would be held in Kelowna this year on June 4th, 5th and 6th. The agenda included many items which would be of local interest and general significance covering a wide variety of water use and management concepts. Several speakers would deal specifically with several aspects of water management within the Okanagan Basin. Mr. B.E. Marr would be quest speaker. Two bus tours were being organized. One included a tour of the Revelstoke Dam and another a tour of the Okanagan Basin, including Okanagan Flood Control structures and new orchard irrigation systems.

Mr. Carter urged members of the Board to attend. Information resulting from the Conference will be available.

DAVIDSON/HEIN

Res. No. 40/80

THAT the Secretary-Manager be authorized to attend the Conference.

CARRIED

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Review  
Water  
Based Rec:

The Secretary-Manager reported that under the terms of the Okanagan Basin Implementation Agreement the Water Board is required to complete a recreation review in 1980. The review would include an inventory and projection of future use demand of the existing water based recreation facilities, such as boat launches, public beaches, public accesses and parks. Much current information is available from sources such as the Boat Launch Inventory and Boater Use Inventory completed by the Parks Branch. The Fish and Wildlife Branch has gathered boat use information. However information is lacking on total beach use.

Meetings have been held with Tourism B.C., Parks Branch, Environment Canada, and Regional Planners to review present information and determine additional information required. Tourism B.C. data will be relied on heavily for total visitors to the Basin. Extrapolations will be made of beach users from this data and from random surveys of residents and visitors. Future demands can be projected from present use figures and population projections of the market area.

Under the Youth Employment Program two students would be hired.

A letter of February 17, 1980 from Mr. A.M. Thomson was presented indicating that as requested by the Water Board, up to \$9,000 would be granted from the Implementation Board for the Water Board to carryout the indicated work.

Mr. Thomson indicated that the Terms of Reference for the project had been reviewed with the Secretary-Manager.

BLAGBORNE/POSTILL

Res. No.  
41/80

THAT summer students be hired to gather information for the Water-Based Recreation Review;

AND THAT the Implementation Board be thanked for the grant towards this project.

CARRIED

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Land Management Branch

Foreshore  
lease -  
Crown  
Zellerbach:

Application for foreshore lease renewal, west side of Okanagan Lake, by Crown Zellerbach Canada Ltd. for log storage purposes.

Secretary-Manager advised that the Regional District of Central Okanagan had approved the application, however had recommended the renewal be for a period of five (5) years only.

HEIN/POSTILL

Res. No.  
42/80

THAT the Water Board have no objection to the foreshore lease but that the renewal be only for a five (5) year period.

CARRIED

Further discussion took place re debris and bark pollution caused by this type of operation.

Suggested by Director Davidson that the Board advise the Lands Branch of concerns with regard to pollution and bark debris.

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Applications for Pollution Control Permits

Fraser Valley  
Milk Prod.  
Assn. -  
Amendment:

Fraser Valley Milk Producers' Association - Amendment  
Effluent to be diverted to the Armstrong municipal  
sewage treatment plant rather than directly to Deep  
Creek.

The Regional District of North Okanagan had no objection.

POSTILL/DAVIDSON

Res. No.  
43/80

THAT there be no objection to the application from  
Fraser Valley Milk Producers' Association for an amendment.

CARRIED

Sunkana  
Proj. Ltd.  
& City of  
Kelowna -  
Amendment:

Sunkana Projects Ltd. & City of Kelowna - Amendment

To increase the allowable discharge from the treatment  
facility located at Franklin & Houghton Rds. from  
150 cubic meters to 300 cubic meters per day, to  
amend the boundary of the development area, and to amend  
the name of the permittee.

Regional District of Central had no objections to the  
application.

McDOUGALL/POSTILL

Res. No.  
44/80

THAT there be no objection to the application from  
Sunkana Projects Ltd. & City of Kelowna for an amendment.

CARRIED

Jabs Const.  
& Callahan  
Const. Co.  
Ltd.:

Jabs Construction & Callahan Construction Co. Ltd.

To permit the discharge of effluent from a landromat  
into the ground in Rutland. The daily discharge would  
be 4,000 I gallons.

There had been objection from the Regional District of  
Central Okanagan.

HEIN/POSTILL

Res. No.  
45/80

THAT there be no objection to the application from Jabs  
Construction & Callahan Construction Co. Ltd.

CARRIED

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Cost Sharing  
1980 Aquatic  
Weed Prg:

The Chairman indicated as this subject had been discussed in open  
session at the previous meeting it should remain open for this  
meeting, rather than in committee. The Board agreed.

The Chairman referred to a letter of April 24, 1980 from Mr. B.E. Marr in reply to a Water Board letter of April 10th which had been forwarded along with copies of replies from the three Regional Districts concerning the proposed cost-sharing program for 1980. Mr. Marr was asking the Board to reconsider their decision not to participate this year.

A further letter of April 17th, 1980 had been forwarded to Mr. Marr indicating problems with Letters Patent for the aquatic weed function and lateness in time for the current budget to raise the required funds. So far there has not been a reply to the April 17th letter.

The Chairman reviewed the past events relating to the Provincial Request for cost sharing. He made reference to the letter of February 1st, 1980 from Mr. G.E. Simmons, Assistant Deputy Minister indicating that the program would be extended for another year. There has not been a formal contact indicating that the program should not be extended. Following Mr. Simmons' letter there was another contact by Mr. Marr asking that the Board enter into a Memorandum of Understanding for a cost-sharing program in 1980. The Water Board passed resolutions recommending participation in aquatic weed programs for 1980; however, required resolutions for funding from the three participating Regional Districts were not passed. Letters from the Regional Districts to this effect are on file.

Director Davidson reported that a resolution was passed at the recent meeting of the OMMA that all costs for all aquatic weed harvesting programs throughout the Province be the responsibility of the Province. Aquatic weed growth was on Crown land. The recent budworm infestation where the Province assumed responsibility of all costs is a parallel example.

The Chairman pointed out that Mr. Marr had asked the Board go back to its constituent member Regional Boards and ask for reconsideration; but Regional Districts have already indicated that they will not go along with the arrangement this year. Also, Letters Patent of the Board have some constraints that would have to be altered, if the Board were to enter into the operations part of the Aquatic Weed Management Program.

Director McDougall questioned the sequence of events that led up to Mr. Marr's presentation on March 13, 1980 which seemed to be drastically different than the earlier presentation by correspondence of February 1, 1980 from Mr. Simmons.

The Chairman informed there had been no prior negotiation with the Deputy Minister. Mr. Marr's presentation to the Board was drafted unilaterally.

The Chairman indicated that even if the Board were to entertain the Memorandum of Understanding presented by the Province, there are still many items left that must be discussed as to exactly what costs would be shared; for example, administration, yard rentals and weed removals. A breakdown of costs had still not been presented.

Secretary-Manager indicated that although the Province had been intending all along to use an extension of the existing agreement, they have now communicated by telephone indicating that leases and staff should not be hired through the Water Board after March 31st.

Board Members indicated that correspondence relative to this item were time consuming and that rather a meeting with Mr. Marr be arranged.

BLAGBORNE/HEIN

Res. No.  
46/80

THAT the Chairman and Secretary-Manager meet with Mr. B.E. Marr to discuss and resolve the aquatic weed program for 1980.

CARRIED

The position of the Board was clarified. The Water Board is still maintaining the position as stated in the letter of February 1st, 1980 from Mr. Simmons indicating the existing Agreement would be extended throughout the 1980 harvesting season.

Chairman informed that the Water Board has in fact contributed to the Aquatic Weed Program in the past. \$14,000 is budgeted under the Current Budget for administration and payroll. The Municipalities have been hauling away weeds at their expense. All of these costs should be credited towards the Board's share of the program.

The Water Board and local governments had no part in negotiating or preparing the recent proposal that there be local cost sharing as required by Cabinet. These proposals must be negotiated and presented to the public prior to there being any arrangement for cost sharing in future years. Once a commitment has been made for a 5 year program there would have to be a change in Water Board Letters Patent.

Mr. Blagborne indicated that insofar as the current year's program is concerned, the local representatives and M.L.A.s should be looking after the public interest in the Basin. Some of the current budget of \$750,000 for the Okanagan Aquatic Weed Program should be directed to the harvesting operation.

The lack of information presented to the Water Board in the past on costs and the actual program was discussed. The Board felt that it should have more decision making responsibility and opportunity in any subsequent programs, and therefore, all information as to costs and the details of the program should be made available.

KANE/BLAGBORNE

Res. No.  
47/80

THAT the Water Board insist on acquiring information that would be useful to the Board in making an assessment of costs of any subsequent aquatic weed programs and details of management.

CARRIED

Information that had been requested relative to 2,4-D at the previous meeting was also mentioned.

DAVIDSON/POSTILL

Res. No.  
48/80

THAT the Water Board ask for information on 2,4-D that is referred to on page 6 of the March 13, 1980 meeting of the Board.

CARRIED

OTHER BUSINESS

Director Davidson drew the Board's attention to an article on Eurasian Milfoil which had appeared in a recent article of Macleans Magazine. The Secretary-Manager would supply photocopies of the article to the Board.

The meeting adjourned at 3:40 p.m.

MINUTES FROM THE MEETING OF THE OKANAGAN BASIN WATER BOARD  
JULY 3, 1980 3:10 P.M., OFFICES OF THE REGIONAL DISTRICT  
OF CENTRAL OKANAGAN, 540 GROVES AVENUE, KELOWNA, B.C.

Present: W.J.C. Kane R.D.C.O.  
E. Lamont R.D.C.O.

N. Davidson R.D.N.O.  
M. Kirton R.D.N.O.

J.R. Barrett R.D.O.S.  
D.R. McDougall R.D.O.S.  
K. Blagborne R.D.O.S.  
R. Frost R.D.O.S.

Staff:  
W. Parchomchuk Secretary-Manager  
L. Fraboni Secretary

Also present:

Graham Punnet, Okanagan Basin Implementation Board  
T. Carter, Canadian Water Resources Association  
Mr. & Mrs. Jennens  
G. Armour, Ministry of Environment  
M. Maxnuk, Ministry of Environment

News Media:

C.K.O.V.  
C.K.I.Q.  
Kelowna Daily Courier  
A. Huggins  
C.K.A.L.

Chairman Kane opened the meeting.

Mins. of  
Mtg.:

KIRTON/BLAGBORNE

Res. No.  
49 /80

THAT the minutes of the meeting of the Okanagan Basin  
Water Board for May 8, 1980 be adopted as circulated.

CARRIED

Arr. for  
funding  
1980  
Harvesting  
Operations:

A letter of June 12, 1980 from Mr. P. Brady, Ministry of Environment was reviewed. The letter outlined proposals for the basis of the harvesting program for 1980. The Board reviewed the five items contained in the letter. Referring to item 2, the Chairman indicated that the Board's contribution would be in administrative costs. The Board was not making a further budget commitment. The Chairman felt that item 5 of the letter would not apply as the amount of work in administration and hauling away of stockpiled weeds appeared to be adequate. It would not be necessary to halt harvesting operations before the season is complete.

In total it was estimated that approximately \$20,000 of labour and equipment would be contributed by the municipalities throughout the Basin in hauling away stockpiled weeds. In addition \$14,000 of the administrative budget of the Water Board for the fiscal period March 30, 1980 to March 31, 1981 would be contributed for a total of \$34,000. This should be adequate to cover the Water Board's share of costs, if the Province stays within the original budget of some \$125,000.

Director/

MINUTES MEETING OF THE OKANAGAN BASIN WATER BOARD JULY 3, 1980

Director Kirton expressed concern that the Board was to share 25 percent of costs incurred in 1980 without knowing in the end what total costs would be.

The Chairman suggested that the original figure of \$125,000 for the aquatic weed harvesting budget be applied. The Secretary-Manager mentioned that the Province was suggesting that since administrative costs and hauling away costs would now be added to the budget that the overall budget must be much higher, somewhere in the order of \$160,000.

Director Davidson stressed that any arrangement made by the Board would apply only for the current year.

DAVIDSON/KIRTON

Res. No.  
50 /80

THAT a letter be forwarded to the Province outlining the amount of costs to be incurred by the Water Board and municipalities to be applied against weed harvesting operations, with an explanation of the program details.

CARRIED

Progress  
1980  
Aquatic  
Weed  
Harvest.  
M. Maxnuk:

G. Armour and M. Maxnuk, Ministry of Environment, attended to review progress on this season's Aquatic Weed Program.

M. Maxnuk reviewed the 1980 Harvesting Schedule. The program started on June 16, 1980 and is more or less on target as outlined in the Schedule. There were starting delays. The north basin of Osoyoos Lake was completed last week. Harvesters appear to be working well aside from numerous mechanical failures. Double shift operations will be worked.

The Chairman inquired if the last date, being the end of August as outlined in the Schedule, could be extended into September. Mr. Armour agreed, provided there are sufficient funds.

Mr. Armour explained the previous year's budget included some administrative costs. However, now that administrative and hauling costs have been added on top of the Aquatic Weed Harvesting figure, the total could be somewhat higher. Mr. Armour felt the figure may not permit the program to be completed entirely.

The Chairman stated that it would not be fair to jeopardize the program and that the Government should see that the total program is completed.

Assessment of areas treated by herbicide and cultivating had been done and results had been good. Mechanically treated areas have shown reinfestation in one season while herbicide treated areas have not been totally reinfested.

Director Davidson was pleased to see the herbicide treatment continuing.

Director/

Director Lamont inquired if other chemicals have been considered or if any other more publically supported methods would be effective. Mr. Armour stated that the Province has looked at many possibilities such as machines, aqua screen, chemiclas, injection of chemicals, however no method appeared to be more effective than the methods currently being used.

Director Davidson asked if the Province has had any reason to do an assessment of the Jennens' machine. Mr. Armour stated that the Province still has a contract with Mr. Jennens to evaluate the effects and make use of the machine.

Admin.  
Accts:

Administrative accounts outstanding to July 3, 1980 were presented.

Res. No.  
51 /80

DAVIDSON/LAMONT

THAT Administrative Accounts totalling \$1,896.43 be approved.

CARRIED

Aquatic  
Weed  
Accts:

Aquatic Weed Program Accounts for April and May, 1980 (incurred prior to March 31, 1980) totalling \$9,924.95 were presented.

Res. No.  
52 /80

KIRTON/DAVIDSON

THAT Aquatic Weed Program Accounts for April and May, 1980 totalling \$9,924.95 be approved.

CARRIED

CORRESPONDENCE

D. Back,  
Village  
of Oliver  
- effluent  
to land  
sewage  
disposal:

1. Letter from D.W. Back, Village of Oliver, June 12, 1980 re: Effluent to land sewage disposal project

Mr. Back, Clerk Administrator, informed of the intent of the Village of Oliver to upgrade their sewage disposal system by discharge of effluent onto land. Estimated costs were given. The Village of Oliver wanted assurance from the Water Board that the funding formula will apply and assistance will be available at such time as the project is constructed. The required amount from the Sewerage Facilities Assistance Reserve Fund would be approximately \$26,000 annually.

Res. No.  
53 /80

KIRTON/DAVIDSON

THAT the letter from the Village of Oliver dated June 12, 1980 be received, and the Village be informed that as long as qualifications are met and funds are available, grants would be made available for the effluent to land sewage disposal project.

CARRIED

MINUTES MEETING OF THE OKANAGAN BASIN WATER BOARD JULY 3, 1980

W.N.Vander Zalm - Fed-Prov Funding for Sew. Fac.:

2. Letter from W.N. Vander Zalm, Minister of Municipal Affairs, June 16, 1980 re: Federal-Provincial Funding for sewerage facilities

The Minister indicated that continued efforts are being made to arrive at a new funding formula with the Federal Government for sewerage facilities assistance.

Director Davidson reported there is no long term commitment by the Federal Government to perpetuate the terms of funding for the Community Services Contribution Program administered by the Province. This could affect the amount of grants available for sewerage facilities.

The Secretary-Manager reported that under the Terms of the Okanagan Basin Implementation Agreement there was a commitment of some Federal Funds under the C.M.H.C. Program, at least until the Agreement terminates in February 1981.

Res. No. 54 /80

DAVIDSON/BLAGBORNE

THAT a letter be written to Mr. Vander Zalm thanking him for his concern for waste treatment costs and for his efforts in seeking a new funding formula with the Federal Government; and that the Board encourage Mr. Vander Zalm to insure Federal commitments under the Community Services Contribution Program even beyond the length of the Okanagan Basin Implementation Agreement.

CARRIED

Applications for Pollution Control Permits

City of Armstrong:

Application for amendment by the City of Armstrong to remove the present effluent discharge from Deep Creek to ground by infiltration and/or spray irrigation near St. Annes Road and Otter Lake Road.

The Regional District of North Okanagan had no objection.

Res. No. 55/80

DAVIDSON/LAMONT

THAT there be no objection to the application from the City of Armstrong for an amendment.

CARRIED

The City was commended for its effort in outfall removal.

John Lemay:

An application by John Lemay - Keefer Lake Road about 5 km northeast of Highway 6 to discharge effluent from a gold placer mining operation to settling ponds.

The Regional District of North Okanagan had no objection.

Res. No. 56/80

KIRTON/McDOUGALL

THAT there be no objection to the application from John Lemay.

CARRIED

MINUTES MEETING OF THE OKANAGAN BASIN WATER BOARD JULY 3, 1980

Phoenix Invest. Ltd.:

An application by Phoenix Investments Ltd. - Kelowna Airport to dispose of waste water used to wash automobiles from a Daily U-Drive Service Centre at the Kelowna Airport into the ground with an average daily discharge of 500 gallons. No soap would be used in the wash.

The Regional District of Central Okanagan had no objection.

Res. No. 57/80

McDOUGALL/BLAGBORNE

THAT there be no objection to the application by Phoenix Investments Ltd.

CARRIED

OTHER BUSINESS

Aquatic Weed Operation:

The Chairman informed the Board that correspondence from Mr. P. Brady is expected regarding the collection of aquatic weeds for fertilizer by Mr. C. Gorecki.

The Secretary-Manager explained that Mr. Gorecki showed interest in running the aquatic weed operation as well as hauling away weeds for his fertilizer business.

The Chairman and Secretary-Manager would tend to correspondence and any further decisions relative to Mr. Gorecki's proposal.

Jennens' Weed Machine:

Mr. Barrett indicated concern for the \$50,000 grant towards the Jennens' machine. The Regional Districts had placed their portion of cost sharing towards the machine in their budgets in good faith and felt a proposal should now be considered.

Res. No. 58/80

BARRETT/DAVIDSON

THAT the Board contact the Province and ask that they move as quickly as possible on initiating the first steps toward administering a grant for the Jennens' machine.

CARRIED

Foreshore Trespass Westside:

Director Lamont advised of a significant trespass onto Crown foreshore on the westside of Okanagan Lake immediately south of Fintry, abutting District Lots 3849 and 3850 ODYD. A large portion of the upland had been graded into Okanagan Lake beyond the high water mark. Logging debris had also been placed in the water. The work was purported to have been done by Mr. P. McBride (Pleasant Valley Properties Ltd.) during the period May 5 to May 20, 1980.

LAMONT/



MINUTES MEETING OF THE OKANAGAN BASIN WATER BOARD JULY 3, 1980

Res. No.  
59/80

LAMONT/BARRETT

THAT a letter be written to the Minister of Lands, Parks and Housing requesting that measures be taken to curb unauthorized abuse of the foreshore and that concern be expressed for preservation of the natural amenities of Crown owned Okanagan Lake foreshore for public enjoyment.

CARRIED

Spawning  
Channel  
Trout  
Creek  
Delta:

A proposal by the Summerland Sportsman's Association for a Spawning Channel at Trout Creek Delta in Summerland, B.C. was discussed briefly.

Res. No.  
60/80

DAVIDSON/FROST

THAT the Board support the proposal by the Summerland Sportsman's Association for a spawning channel on the Trout Creek Delta.

CARRIED

Meeting adjourned at 4:05 p.m.

CERTIFIED TO BE TRUE & CORRECT

\_\_\_\_\_  
Chairman

\_\_\_\_\_  
Secretary-Manager

MINUTES MEETING OF THE COMMITTEE-OF-THE-WHOLE OF THE OKANAGAN  
BASIN WATER BOARD, JULY 3RD, 1980 2:00 P.M., OFFICES OF THE  
REGIONAL DISTRICT OF CENTRAL OKANAGAN

Present: D. McDougall R.D.O.S.  
K. Blagborne R.D.O.S.  
R. Frost R.D.O.S.  
J.R. Barrett R.D.O.S.

E. Lamont R.D.C.O.  
W.J.C. Kane R.D.C.O.

M. Kirton R.D.N.O.  
N. Davidson R.D.N.O.

D. Hammill Official Observer

Staff:  
W. Parchomchuk Secretary-Manager

Aquatic  
Weed  
Program  
Funding:

Chairman Kane indicated the purpose of the meeting was to bring the Board up to date on the progress of negotiations with the Province relative to this season's aquatic weed harvesting program. He felt progress had been made. Harvesters were now operating, although there had been a slight setback at the start of the season. Some gains had been made in that originally the Province wanted the Board to pay 25 percent of direct harvesting costs in addition to administration and hauling away costs. Hauling away costs and administrative costs will now be credited as the Okanagan Basin Water Board's share towards the program. This should nearly meet the 25 percent required cost sharing by the Province.

Mr. B.E. Marr had been contacted following the last meeting and agreed to credit administrative costs and hauling away costs. The Secretary-Manager indicated that although the amounts committed under administration and hauling away costs may meet the required 25 percent sharing, there was a possibility of a short fall. If this was to occur, the Province may determine to halt harvesting in the middle of the season as the Board's funds would not be adequate for the required cost-sharing ratio.

R. Barrett entered at 2:05 p.m.

Director Davidson felt there was no good reason why the Board should pay any part of direct harvesting costs. He felt this was a Provincial responsibility, in view of similarities with Budworm programs, forest fires, and highway weed spraying projects.

R. Frost entered at 2:10 p.m.

The Secretary-Manager mentioned that the Province has stated in earlier Agreement negotiations that local Municipalities may have to cost share in future years and also the Province has indicated that if the Board wished to have a say in the program, that cost sharing would be required.

Director/

Director Lamont felt particularly that since the aquatic weed problem is now Province wide, it is a Provincial program.

The Chairman reminded that the Board has never agreed that the Province should not pay 100 percent. The current sharing proposal is based on unilateral action by the Province. The Board has never agreed to this.

The Secretary-Manager mentioned that the Province was asking the Board for a guarantee that the amount of funds they would be expending this year, including administrative and hauling cost, total the 25 percent of the total program as required for cost sharing.

The Chairman suggested that the Board stay with the understanding that he had reached with B.E. Marr; that is, that the Ministry would make the program work provided the Board did pay administrative and hauling away costs.

Director Davidson suggested this year's program be set up so that there would be a commitment of local funds for hauling away and administrative costs only. If the Province decides to stop harvesting before the season is complete, on the basis that these funds are not adequate, the Chairman could call a Board meeting.

A summary of costs to be credited as the Water Board's share was presented. The total yearly administrative budget for aquatic weeds was \$14,000; however, this ran for the fiscal year January to December. The Provincial fiscal year was March to March. It was agreed that \$14,000 could be allocated for the period March 1980 to March 1981. In addition to the \$14,000, weed hauling away costs by the communities could be credited as follows: Osoyoos - \$3,000, Penticton - \$3,500, Summerland - \$2,000, Peachland - \$1,000, Kelowna - \$6,000, Vernon - \$4,500. The above figures total \$34,000 of costs that could be credited against the program, provided that the above hauling away costs were indeed incurred. If the Province stuck to its original budget of some \$125,000 for the harvesting program, the Board's \$34,000 contribution would be more than adequate. However, the \$34,000 could not be guaranteed until the harvesting season was over.

It was agreed that figures anticipated as the Board's share would be forwarded to the Province indicating this was the final amount the Board was prepared to spend. The Board felt confident the amount would be adequate to meet their share portion.

Mr. Brady's Letter of June 12, 1980 would be reviewed in open meeting and agreement reached as to a reply.

MINUTES MEETING OF THE COMMITTEE-OF-THE-WHOLE - JULY 3RD, 1980

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Jennens'  
Weed  
Machine:

Director Barrett questioned the current status of funding towards the Jennens' machine. The Chairman informed that various Regional Districts have placed an amount in their budgets for funding; however, this was based on certain conditions. These conditions could be merged with a Provincial Agreement on the test plot. Arrangements would have to be made to satisfy all three Regional Districts. A management committee had been suggested by the Province. The committee would be appointed of representatives from the Province and the Water Board to oversee the contract.

Mr. Barrett stressed that Mr. Jennens was anxious to proceed and if the Board was still interested, then steps should be taken to initiate a contract or agreement.

The Chairman indicated that recommendations would have to come back from the Water Board to the Regional Districts. The Province would have to be contacted to initiate a management committee. This item would be brought up in the regular open meeting with a proposal to contact the Province in this regard.

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Meeting  
Dates:

Director Blagborne suggested regular meeting dates be set. The Secretary-Manager indicated that Board meetings are normally held on the first Thursday of every month unless other conflict develops or there is not adequate business.

The meeting adjourned at 3:05 p.m.

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CERTIFIED TO BE TRUE & CORRECT

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Chairman

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Secretary-Manager

MINUTES FROM THE MEETING OF THE OKANAGAN BASIN WATER BOARD  
SEPTEMBER 4, 1980 2:00 P.M. OFFICES OF THE REGIONAL DISTRICT  
OF CENTRAL OKANAGAN, 540 GROVES AVENUE, KELOWNA, B.C.

Present:	W.J.C. Kane	R.D.C.O.
	E. Lamont	R.D.C.O.
	R. Hein	R.D.C.O.
	N. Davidson	R.D.N.O.
	H. Powell	R.D.N.O.
	R. French	R.D.N.O.
	R. Frost	R.D.O.S.
	K. Blagborne	R.D.O.S.
Staff:	W. Parchomchuk	Secretary-Manager
	L. Fraboni	Manager

Also present:

Mr. & Mrs. G. Jennens  
Dick Simpson  
T.R. Carter  
T.P. Harvey

News Media:

C.K.I.Q.  
C.K.O.V.  
Kelowna Daily Courier  
Capital News  
A. Huggins

Chairman Kane opened the meeting at 2:05 p.m.

Mins. of  
Mtg.:

FROST/POWELL

Res. No.  
61/80

THAT the minutes of the meeting of the Okanagan Basin Water Board for July 3, 1980 be adopted as circulated.

CARRIED

Admin.  
Accts.:

Administrative Accounts outstanding to September 4, 1980 were presented.

Res. No.  
62/80

DAVIDSON/BLAGBORNE

THAT Administrative Accounts totalling \$866.04 be approved.

CARRIED

Aquatic  
Weed  
Accts.:

Aquatic Weed Accounts for June and July, 1980 totalling \$60,809.65 were presented.

Res. No.  
63/80

HEIN/BLAGBORNE

THAT the Aquatic Weed Accounts for June and July, 1980 totalling \$60,809.65 be approved.

CARRIED

The Secretary-Manager explained that aquatic weed accounts are now being summarized into amounts 100% recoverable from the Province and into other amounts which would be credited as the Provincial share of the 75-25% cost-shared harvesting program. As of July 31, 1980 the Province has accumulated \$49,994.60 in the cost-shared program out of the total amount of \$60,809.65.

MINUTES OKANAGAN BASIN WATER BOARD - SEPTEMBER 4, 1980

Sew. Fac.  
Asst.  
Grants:

Sewerage Facilities Assistance Grants for the first half of 1980 were presented as follows:

a) City of Penticton	\$ 9,835.76
b) District of Coldstream	19,789.76
c) City of Vernon	84,067.11
	\$113,692.63

The Village of Osoyoos had not to date submitted an application for the first half of 1980.

Res. No.  
64 /80

HEIN/POWELL

THAT the Sewerage Facilities Assistance Grants for the first half of 1980 totalling \$113,692.63 be approved.

CARRIED

Letter -  
Underwood  
McLellan  
Ltd. re:  
City of  
Armstrong:

Letter from Underwood McLellan Ltd. dated July 4, 1980 re: City of Armstrong Wastewater Ground Disposal Project

The letter outlined the equipment and estimated capital cost of the Wastewater Ground Disposal Project for the City of Armstrong. Total Cost would be approximately \$1,596,000. The Secretary-Manager estimated the project cost to the Water Board would be approximately \$50,000 annually under the cost-sharing program.

Res. No.  
65 /80

POWELL/BLAGBORNE

THAT the letter from Underwood McLellan Ltd. dated July 4, 1980 be received.

CARRIED

The Secretary-Manager reported that it would appear that almost all sewerage facilities projects recommended for the Basin will be in the implementation stage before the Implementation Agreement expires in February 1981.

Sew. Fac.  
Res. Fund  
Balance:

A summary of the Sewerage Facilities Reserve Fund was presented Balance as of September 4, 1980 is \$1,560,860.

The Secretary-Manager stated that the funds appear to be in a good position for at least three years and there should be no need to increase the levy during that time.

Res. No.  
66 /80

DAVIDSON/BLAGBORNE

THAT the summary of Sewerage Facilities Reserve Fund Balance of \$1,560,860 as of September 4, 1980 be received.

CARRIED

CORRESPONDENCE

Letter -  
Hon. P.  
Cosgrove -  
Comm.Serv.  
Contr.Prg.:

1. Letter from the Hon. Paul Cosgrove, Minister C.M.H.C.  
August 11, 1980  
re: Community Services Contribution Program

The Minister indicated that he supported the C.S.C.P. program; however, could not give any guarantee that the program would be continued beyond the end of this year.

Res. No.  
67 /80

HEIN/FROST

THAT the letter from the Hon. Paul Cosgrove dated August 11, 1980 be received.

CARRIED

Letter -  
Hon.K.Rafe  
Mair re:  
Septic  
Tank Reg.:

2. Letter from the Hon. K. Rafe Mair, Minister of Health,  
August 6, 1980  
re: Septic Tank Regulations

The Minister stated the Ministries of Health and Environment have explored ways of incorporating the sewerage facilities recommendations into legal requirements; however, the Health Act does not permit amendments to Sewage Disposal Regulations designed to control nutrient emissions. He suggested Regional Districts produce by-laws for on-site sewage disposal. Formal approval of the Ministry of Health would be required for such by-laws.

The Chairman indicated that contrary to the Minister's statement that nutrients, particularly nitrogen, and salts can be a direct health problem.

Director Powell queried the Minister's statement that the Minister of Health had no authority in this matter; but would still be required to approve a local by-law in this regard.

A letter of August 4, 1980 relating to this topic from Dr. M.R. Smart was also presented. Dr. Smart questioned delays suggested by the Minister until the South Okanagan Similkameen Union Board of Health has completed a study on nutrient emissions by septic tanks. Since jurisdiction of Health was in question for nutrient control, why was the nutrient study being done by Health authorities.

Res. No.  
68 /80

POWELL/FRENCH

THAT a letter be written to the Minister of Health referring to the Board's discussion in this regard; AND THAT the Minister be asked to resolve the concerns relative to authority on this matter.

CARRIED

It was suggested the Deputy Minister of Health be telephoned in this regard.

MINUTES OKANAGAN BASIN WATER BOARD - SEPTEMBER 4, 1980

Letter -  
Hon. J.R.  
Chabot  
re:  
trespass  
onto  
Crown Land

- 3. Letter from the Hon. James R. Chabot, Minister Lands Parks and Housing, August 15, 1980  
re: Trespass onto Crown land (lakeshore)

The Minister thanked the Water Board for bringing the trespass to the Ministry's attention and advised the trespass is now under investigation.

Res. No.  
69 /80

HEIN/FROST

THAT the letter from the Hon. James R. Chabot dated August 15, 1980 be received.

CARRIED

E. Lamont entered at 2:30 p.m.

Letters -  
S. Rogers  
E. Whelan  
R.L. Dryden  
J.Hewitt  
re: Fish  
Spawning  
Channel  
Trout Cr.:

- 4. Letters from Stephen Rogers, Minister of Environment, August 12, 1980  
Eugene Whelan, Minister of Agriculture, August 1, 1980  
R.L. Dryden, Fisheries & Oceans, June 23, 1980  
J.J. Hewitt, Minister of Agriculture, July 22, 1980  
re: Fish Spawning Channel Trout Creek

The Secretary-Manager reviewed the correspondence and the positions taken. Mr. R.L. Dryden of the Ministry of Fisheries & Oceans indicated rainbow trout and kokanee salmon are species which fall under provincial jurisdiction and would not be able to consider financial support.

The Hon. Eugene Whelan advised that the Ministry of Agriculture will be examining the proposal and will contact the Summerland Sportsman's Association.

The Hon. Stephen Rogers indicated that the proposal submitted had conceptual merit and advised that the Ministry of Environment will be considering the proposal from a technical point of view. There may be better ways to obtain the same kokanee reproduction.

Director Blagborne stated that the proposal for the Channel has been receiving good support and the Fish & Wildlife Branch will also be supportive. There is a lack of spawning area in the south of the Lake largely owing to the Trout Creek slide.

Res. No.  
70 /80

BLAGBORNE/DAVIDSON

THAT the letters from Stephen Rogers dated August 12, 1980, Eugene Whelan dated August 1, 1980, R.L. Dryden dated June 23, 1980 and J.J. Hewitt dated July 22, 1980 be received.

CARRIED

Letter -  
B.E.Marr re:  
Coop Plan  
for  
Osoyoos Lk.  
Levels &  
Trans  
border  
Flows:

- 5. Letter from B.E. Marr, Deputy Minister, Ministry of Environment, August 6, 1980  
re: Cooperation Plan for Osoyoos Lake levels & trans border flows

Mr. Marr advised that a tentative agreement has been reached between the Province and the State of Washington for Osoyoos Lake Levels and Trans-Border Flows. The Agreement would see Zosel Dam replaced with a new structure closer to Osoyoos Lake to give better control of Osoyoos Lake levels. In return, storage would be allowed on Osoyoos Lake between the elevations 912.75 and 910.25 Canadian Datum.

Discussion/



Discussion occurred relative to the proposal and resulting Osoyoos Lake levels. Local input to management of lake levels was urged. Director Frost indicated that the Osoyoos Lake levels proposed would be acceptable for residents of the Osoyoos area.

Res. No.  
71 /80

FROST/BLAGBORNE

THAT the letter from B.E. Marr dated August 6, 1980 be received; AND THAT a letter be written to the Ministry of Environment stating the Water Board is not opposed to the Cooperation Plan.

CARRIED

Letters -  
T.F. Moore,  
P. Mackiewich  
re: Amend.  
to Supple.  
Letters  
Patent:

- 6. Letters from T.F. Moore, Ministry of Municipal Affairs, July 28, 1980
- P. Mackiewich, R.D.N.O., August 21, 1980
- re: Amendment to Supplementary Letters Patent

This correspondence related to an earlier request by R.D.O.S. to amend the Supplementary Letters Patent to have a portion of the R.D.O.S. excluded from Water Board administrative costs. Mr. Moore was asking the Regional District of North Okanagan to reconsider their decision not to have Letters Patent altered.

The letter from P. Mackiewich stated that the R.D.N.O. has reconfirmed they are not prepared to exclude a portion of the R.D.O.S. from administrative costs of the Board.

The Secretary-Manager reported that all three regional districts and the Water Board would have to agree before the Letters Patent could be amended.

Director Davidson pointed out that there are areas within the North Okanagan that may wish to opt out however feel there are benefits. He felt the boundaries should be retained as there could be a splintering.

Chairman Kane felt nothing could be done at this time unless there was a change in the feeling by R.D.N.O.

The R.D.O.S. still has a balance owing on last year's requisition.

Res. No.  
72 /80

POWELL/FROST

THAT correspondence from T.F. Moore dated July 28, 1980 and P. Mackiewich dated August 21, 1980 be received.

CARRIED

Prepayment Jennens Aquatic Weed Machine

Letter &  
Petition -  
T.P. Harvey  
re:  
Jennens  
Aquatic  
Weed  
Machine:

The Chairman drew the Board's attention to a petition dated August 20, 1980 from T.P. Harvey. There was a cover letter with the petition as well as an open letter dated July 31/80 to the British Columbia Government, Okanagan Regional Districts and the Okanagan Basin Water Board.

Mr. Harvey was concerned with the lack of progress on Okanagan Lake clean-up and urged that payment of money towards Jennens machine be implemented quickly.

Director Davidson asked Mr. Harvey if he was adverse to the use of chemicals. Mr. Harvey was opposed until all other methods had been explored. Chemicals should only be used when other methods have been exhausted.

Res. No.  
73 /80

FROST/HEIN

THAT the letter and petition from Mr. T.P. Harvey be received.

CARRIED

Letter -  
B.E. Marr:

The Chairman referred the Water Board to a letter of July 18, 1980 from Mr. Marr with reference to completion of the Jennens Machine and joint financing by the Water Board and the Province. Mr. Marr suggested the development of Terms of Reference and the formation of the management team to oversee the project. The management team should be composed of one representative appointed by the Water Board and one from the Province. It was further suggested that an early meeting between Mr. Simmons and members of the Water Board be held to determine the terms of the grant and the role of the management team.

The Chairman indicated during the previous meeting the Board had asked that the Province be contacted concerning the next phase of the Jennens machine proposal. Further to this and Mr. Marr's reply, a meeting had been arranged on August 21/80 with Mr. Simmons, Mr. Brady, Dr. Newroth and Mr. Jennens and his wife, and the Secretary-Manager.

The Chairman briefly reviewed previous deliberations relating to the Jennens machine proposal. A prepayment to Mr. Jennens was proposed based on a contract which would see the completion of a 25 acre test plot. Earlier in the year the Regional Districts had passed a resolution to set money aside for this purpose provided that terms and conditions of a contract would be clearly defined.

Total cost of the prepaid contract would be \$50,000 of which the Province would pay \$37,500 (75%). The remaining \$12,500 (25%) would be raised by the Water Board.

During the August 21st meeting with Mr. Simmons, Proposals for conditions of a prepayment were discussed. The possibility of bonding was considered. The end result was the drafting of terms for a proposed prepayment to Mr. Jennens. These as follows had been mailed out to the Water Board for consideration:

(1)/

Proposed  
Terms  
Jennens  
Prepayment:

- (1) The Water Board and Province will make a one-time only prepayment of \$50,000 to Mr. Jennens toward completion and testing of the aquatic weed removal machine. It is clearly understood that under no circumstances will additional funds be made available at subsequent dates. Nothing in this agreement shall be construed to mean that a continuing or subsequent contract is implied.
- (2) A chattel mortgage in the amount of \$50,000 against all components of the machine will be held by the Water Board. This mortgage will have priority over all other claims to the machine. A disclosure is to be made by Mr. Jennens of any existing claims against the machine (Mr. Jennens stated there are no existing claims). Prior to payment being made, Mr. Jennens will provide an inventory of all saleable components of the machine. The resale value of components to be determined by independent appraisal. The total resale value must be in excess of the amount of the grant.
- (3) The following schedule will apply:
  - The machine to be completely constructed and ready for testing by March 31, 1981.
  - "Infield" testing to be completed by July 31, 1981. The test to include the successful clearing of 25 acres of aquatic weeds using the machine.

Details as to the location and shape of test plot, procedure monitoring, terms, and conditions of the test will be defined by the Ministry of Environment; and will be appended to this agreement. The Ministry of Environment will monitor the machine and test area; and determine the efficiency and effectiveness of the machine.
  - Final assessment of efficiency and effectiveness of clearing to be made by the Ministry of Environment at a further date.
- (4) The Water Board and Province shall maintain the right to inspect and monitor progress of construction to insure compliance with the above schedule.
- (5) Should Mr. Jennens not complete successful testing by July 31, 1981, he shall be considered in default and the Water Board and Province may take any action to recover the amount of the payment outstanding.
- (6) Mr. Jennens' obligation under the agreement may be reduced by \$2,000 for each consecutive acre successfully cleared in the 25 acre test plot.
- (7)/

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- (7) All matters relating to this agreement will be dealt with only by the parties represented in the agreement, or their agents.
- (8) A management committee, consisting of one member appointed by the Province and one member appointed by the Water Board, will administer details of the project.

In addition to the above, the Chairman mentioned several other items were of concern to Mr. Jennens; particularly that costs of drafting the Agreement be absorbed by the Water Board and that clauses be inserted relating to delays that were not of Mr. Jennens' fault; and provision be made for insurance protection of the machine.

The Water Board would enter into the Agreement and the Province would reimburse the Board \$37,500 for its share of costs. It was stressed that the contract was not to be a grant but would be a prepayment on successful completion of the machine and successful testing by clearing 25 acres of a test plot. Terms and conditions of the 25 acre test and the success of the machine would be determined by the Ministry of Environment. The contract would be secured by a chattel mortgage to be a first mortgage held by the Water Board against components of the machine which are to exceed \$50,000 in value.

Director Davidson asked whether the \$50,000 cost was applicable in 1981 dollars as well. He asked if Mr. Jennens would be looking for more money because of increased costs and would the \$50,000 figure escalate the following year requiring additional public funds. The Chairman insured that the contract was only for an absolute sum of \$50,000. He also confirmed that Mr. Jennens had assured that only \$50,000 would be required and that nothing additional would be asked. If additional funds were required, Mr. Jennens would meet these on his own. There was no provision for cost escalation or inflation.

Res. No.  
74/80

DAVIDSON/LAMONT

THAT the proposed Agreement between the Water Board and Mr. Jennens be adopted in principal.

CARRIED

The Chairman informed that an appointment to the two-man management committee must be made. He suggested that a member of the Water Board be appointed and had asked Mr. Blagborne to act in this capacity. Dr. Newroth had been appointed by the Province.

Res. No.  
75/80

FRENCH/DAVIDSON

THAT K. Blagborne be appointed as the Water Board representative on the two-man management committee to oversee the Jennens machine schedule.

CARRIED

It/

MINUTES OKANAGAN BASIN WATER BOARD - SEPTEMBER 4, 1980

It was suggested that a draft of the final contract be forwarded to each Regional District.

A requisition for the amount required from the Regional Districts could be made on the basis of the existing proposed conditions which had been reviewed by the Board. A copy of the final contract could be forwarded at a later date.

Res. No.  
76 / 80

BLAGBORNE/FROST

THAT a copy of the draft contract be sent to the participating Regional Districts.

CARRIED

Mr. Jennens indicated that dates indicated on the contract schedule are conditional. That this arrangement be put together within 30 days of the August 21st meeting with Mr. Simmons. He questioned whether there would be time to consult back to the Regional Districts again prior to that time.

The Secretary-Manager indicated that the Province would also have to look at the contract first and would have to add a schedule relating to the terms and conditions of the test plot. The conditions of the test and determination of success would be solely Provincial responsibility.

Aquatic Weed Harvesting Program 1981

Letters -  
P. Brady  
G. Simmons  
e: 1981  
Aquatic  
Weed  
Harvesting  
Program:

The Chairman drew the Board's attention to letters from the Ministry of Environment, from P. Brady dated July 22, 1980 and from G.E. Simmons dated August 25, 1980. Both stress the importance of starting early discussions between the Okanagan Basin Water Board and the Ministry of Environment before the next five year agreement for aquatic weed control in the Basin. A draft agreement had been enclosed with this correspondence and was mailed to the Board previously for their consideration. The Province was asking the Water Board to share in 25% of the cost of aquatic weed harvesting.

Recess 3:20 - 3:30 p.m.

The Chairman indicated that this agreement would be for a five year period. This past year's arrangements have been made separately. Operations this year have not cost more to the Board than the past three years' operation under the old agreement. However, he indicated there are serious omissions in this year's operation and the Board has been asked to contribute a share of the cost, but has had very little direct say in the operation and management of the program. There must be a better arrangement for following years.

Director/

MINUTES OKANAGAN BASIN WATER BOARD - SEPTEMBER 4, 1980

Director Blagborne stressed that it was important that discussions be entered into immediately to start a working arrangement rather than waiting for the next season as there is normally a long lag period. Secretary-Manager explained for the following five years the Province was proposing that the Board participate in 25% of direct costs; however, the Water Board would be given full management of the program. The Province would reimburse the Board for 75% of costs; however, the Board would have control and could tailor the program better to match the needs of the Okanagan community.

Director Hein, in referring to a letter of August 26, 1980 from Mayor Davidson to the Chairman (copies of this letter were distributed to Board members), indicated that he agreed with the intent of Mr. Davidson's letter; that is, that the Province should continue to bear the total cost of all aquatic weed control within the Province similar to other Provincial pest programs.

The Chairman stated that at present the Regional Districts have not accepted the unilateral decision of the Province to cost share. Any negotiation would have to be based on this premise.

Director Blagborne indicated the Board in the past has expressed great concern regarding management of the aquatic weed program. It is therefore imperative that the Board work out a good management arrangement and become directly involved as soon as possible.

Director Davidson mentioned that notwithstanding his earlier position that the Province should pay 100%, he would not be widely opposed with some arrangement where the Board did contribute, such as the pick up of weeds and removal of weeds, administration, etc.

Director Blagborne felt it was futile to reopen the debate of cost sharing again with the Province. He felt the Board would have to put some of its own money into the program in order to get a say. He felt that the cost-sharing arrangement on 75/25 basis should be more or less accepted. The Water Board could thereby manage the program. The Province is too far away from the area to manage effectively.

Director Davidson indicated that he has corresponded with the Ministry of Environment objecting to any cost sharing by local governments. The Minister has not shown any substantial reason to disagree; however, he has not agreed that local governments should not cost share.

The Chairman indicated that an arrangement could be made whereby the Board becomes an Agency for the Province and could be reimbursed for work done.

Res. No.  
77 /80

DAVIDSON/BLAGBORNE

THAT the Chairman negotiate with the Province for a new Agreement for Aquatic Weed Harvesting and that an attempt be made for a contract that would not require any more costs to the Regional Districts and the Water Board than in the past; AND THAT the Chairman report back to the Board as to the most suitable arrangement that can be made including the concept of an Agency agreement with the Province.

CARRIED

Director/

MINUTES OKANAGAN BASIN WATER BOARD - SEPTEMBER 4, 1980

Director Davidson felt the Board should concur that a form of contract is required but there should be no additional costs to the Regional Districts and the Water Board than in past years.

Application for Pollution Control Permits

City of  
Vernon  
Applic. for  
Amend. to  
P.C.P.:

An application for an amendment of a pollution control permit - City of Vernon.

The purpose of the application was to permit expansion of lands irrigated with sewage effluent from the City of Vernon by inclusion of property owned by Ernest Neld on the Commonage Road near Vernon. The Regional District of North Okanagan had no objection to the application.

Res. No.  
78 /80

DAVIDSON/HEIN

THAT the Water Board has no objection to the application for a Pollution Control Permit Amendment by the City of Vernon.

CARRIED

OTHER BUSINESS

Director Davidson expressed concern relating to the harvesting of aquatic weeds. He felt that some assessment should be made of this year's harvesting and its effectiveness.

The meeting adjourned at 4:15 p.m.

CERTIFIED TO BE TRUE & CORRECT

Chairman

Secretary-Manager

MINUTES FROM THE MEETING OF THE OKANAGAN BASIN WATER BOARD  
JANUARY 17th, 1980, 2:00 P.M., OFFICES OF THE REGIONAL  
DISTRICT OF CENTRAL OKANAGAN, 540 GROVES AVENUE, KELOWNA, B.C.

Present:

W.J.C. Kane	R.D.C.O.
R. Hein	R.D.C.O.
E. Lamont	R.D.C.O.
D. McDougall, Alternate	R.D.O.S.
J.R. Barrett	R.D.O.S.
R. Frost	R.D.O.S.
R.W. Postill	R.D.N.O.
M. Kirton	R.D.N.O.
N. Davidson	R.D.N.O.
D. Hammill, Official Observer	City of Kelowna

Staff

W. Parchomchuk	Secretary-Manager
L. Fraboni	Secretary

Also Present:

T.R. Carter  
G. Armour  
Graham Punnett  
News Media - C.H.B.C.  
C.K.I.Q.  
C.K.O.V.  
A. Huggins

Vice-Chairman Kane opened the meeting.

Letters,  
R.D.N.O.,  
R.D.C.O.,  
R.D.O.S.  
Appt. to  
O.B.W.B.:

Correspondence was read indicating the following Directors from the Regional Districts were appointed to the Okanagan Basin Water Board for the 1980 term:

Regional District of North Okanagan:

R.W. Postill  
N. Davidson  
M. Kirton  
Alternates: R.P. French  
H.G. Powell

Regional District of Central Okanagan:

W.J.C. Kane  
E. Lamont  
R. Hein  
Alternates: B. Maxey (1st Alternate)  
D. Burtch (2nd Alternate)  
Mayor D. Hammill (Official Observer)

Regional District of Okanagan-Similkameen

J.R. Barrett  
K.M. Blagborne  
R. Frost

POSTILL/KIRTON

THAT the correspondence from the Regional Districts indicating appointments to the Okanagan Basin Water Board for the 1980 Term be received.

Res. No.  
01/80

CARRIED



Election  
of  
Officers:

Past policy of the Water Board has been to rotate the Chairmanship; consequently, the Chairman should be selected from the Regional District of Central Okanagan and the Vice-Chairman from the Regional District of North Okanagan for the 1980 Term.

Chairman:  
W. Kane

Nominations were opened by the Secretary-Manager for Chairman. M. Kirton nominated W. Kane. Further nominations for Chairman were called three times. D. McDougall moved nominations be closed. Mr. Kane was declared Chairman for the 1980 Term.

N. Davidson entered at 2:05

Vice-  
Chairman:  
R. Postill

M. Kirton nominated R. Postill as Vice-Chairman. Further nominations for Vice-Chairman were called three times. D. McDougall moved nominations be closed. Mr. Postill was declared Vice-Chairman for the 1980 Term.

Status of  
Official  
Observer:

D. Hammill inquired as to his capacity as an Official Observer. Chairman Kane explained that an Official Observer has the same privileges as a Director but has no vote. The Okanagan Basin Water Board is a function of the Regional District and as such Mayors or Councillors would have to be appointed through their respective Regional Districts.

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POSTILL/KIRTON

Mins. of  
Mtg.  
Nov. 8/79:

THAT the minutes of the meeting of the Okanagan Basin Water Board for November 8, 1979 be adopted as circulated.

CARRIED

Res. No.  
02/80

Appt. of  
Signing  
Officers:

The policy of the Water Board has been to have the Chairman, Vice-Chairman and Past Chairman as signing officers, along with the Secretary-Manager. A signature of any two would be adequate. As Mr. Colclough is no longer a Director it was agreed that Mr. Kane and Mr. Postill along with the Secretary-Manager remain as signing officers.

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KIRTON/DAVIDSON

Res. No.  
03/80

THAT W.J.C. Kane, R.W. Postill and W. Parchomchuk be signing officers of the Water Board for the 1980 Term.

CARRIED

Liason  
Committee:

The Chairman explained the purpose of the Liason Committee was to assist in the coordination and implementation of those recommendations under the Okanagan Basin Implementation Agreement which related to local government; with one member from each Regional District being appointed to the Committee.

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McDOUGALL/KIRTON

Res. No.  
04/80

THAT W.J.C. Kane be Chairman of the Liason Committee;  
  
AND THAT R. Postill, R.D.N.O. and R. Frost, R.D.O.S. be representatives on the Liason Committee.

CARRIED

Admin.  
Accts:

Administrative accounts outstanding to January 17, 1980 were presented for approval.

KIRTON/POSTILL

Res. No.  
05/80

THAT Administrative Accounts totalling \$641.50 be approved.

CARRIED

Aquatic  
Weed  
Accts:

Aquatic Weed Program accounts for October and November, 1979 totalling \$112,442.63 were presented for approval.

KIRTON/POSTILL

Res. No.  
06/80

THAT the Aquatic Weed Program Accounts for October and November, 1979 totalling \$112,442.63 be approved.

CARRIED

As of November 30, 1979 \$2,677,098 has been processed through the Water Board on the Aquatic Weed Program. Direct payments by the Province were additional.

CORRESPONDENCE

Letter,  
City of  
Vernon:

1. Letter of December 11, 1979 from the City of Vernon appointing Mayor Neil A. Davidson and Alderman G. Morrison as Observers; and,

Letter,  
Village of  
Oliver:

Letter of December 6, 1979 from the Village of Oliver appointing Mayor Wally Brogan as Observer.

Appt. of  
Observers:

POSTILL/HEIN

Res. No.  
07/80

THAT the correspondence from the City of \_\_\_\_\_ and the Village of Oliver be received.

CARRIED

Letter,  
R.D.O.S.:

2. Letter of December 7, 1979 from the Regional District of Okanagan-Similkameen to the Hon. C. Stephen Rogers was presented.

Skaha Lake  
Lowering:

The letter urged that the proposal for a winter drawdown of Skaha Lake be implemented soon to control eurasian water milfoil and that other alternatives for control on Vaseaux Lake and Osoyoos Lake be expanded.

As requested during the last meeting, the Secretary-Manager had prepared a summary indicating other benefits besides aquatic weed control that would be associated with a Skaha Lake drawdown. This was in reply to a recently prepared report by the Province on an appraisal to lower Skaha Lake for aquatic weed control. Aquatic weed control benefits alone do not appear to be adequate for the costs involved; however, when all benefits are considered, there appears to be a quite favourable cost-benefit ratio. Since there would be water supply benefits to residents along the lakeshore, they may also be/

be asked to contribute a small share to the cost of alternate water systems. The City of Penticton, by letter of October 10, 1979 to the Ministry of Environment, had indicated a willingness to participate in negotiations for cost-sharing of a water system along the east side of Skaha Lake, thereby providing an alternate water supply to a large portion of shoreline residents.

Additional funds remaining in the current aquatic weed control budget, could be directed towards this program. This would be an opportune time to initiate the proposal since the City of Penticton is planning to rebuild a road in the area and could install a water line at the same time. Director Barrett indicated the City of Penticton would appreciate any support from the Water Board in urging the Province to participate in the program. Homeowners along the lakefront are presently being approached for their cooperation in such a program, so far there has been a positive response.

POSTILL/BARRETT

Res. No.  
08/80

THAT the brief indicating other benefits associated with a Skaha Lake lowering be forwarded to the Ministry of Environment and that the Ministry be urged to initiate negotiations with the City of Penticton for installation of an alternate water supply system with the object of accomplishing a winter lowering of Skaha Lake as soon as possible.

CARRIED

Letter,  
R.D.O.S.  
re: Septic  
Tank Rec.:

3. Letter of December 7, 1979 from the Regional District of Okanagan-Similkameen informing that the Regional District had passed a resolution to the effect that implementation of the Septic Tank Sewage Disposal Recommendations be expediated.

Replies have still not been received from the Regional District of North Okanagan and the Regional District of Central Okanagan relative to the final draft of the Recommendations. Recommendations had been forwarded to all Regional Districts and to the Implementation Board to urge immediate implementation.

Director Kane informed there had been some concerns from the Ministry of Health relating to input from that Ministry and from the South Okanagan Health Unit Director. The Secretary-Manager explained that the Ministry itself had made an appointment to the Task Force on Septic Tank Recommendations. The Ministry had also forwarded, by letter, comments relative to the Recommendations. Any future inputs should be resolved internally with the Health Ministry, since comments have already been incorporated into the final draft.

Chairman Kane informed that the Water Board had already endorsed the Recommendations and has urged implementation by the respective Ministries. He suggested the Province be urged to remove any further constraints and that matters requiring internal communication be resolved. Full technical consideration has been given to the Recommendations. These Recommendations would be subject to annual review in any event; therefore, further delay as to technical aspects should not be encouraged.

KANE/POSTILL

Res. No.  
09/80

THAT the letter from the Regional District of Okanagan-Similkameen concerning Septic Tank Sewage Disposal Recommendations be received;

AND THAT the appropriate Ministries be urged to expediate implementation of the said Recommendations.

CARRIED

R.D.O.S.  
Request for  
Letters  
Patent  
Amendment:

Reference was made to a letter of September 25, 1979 from the Regional District of Okanagan-Similkameen requesting that Supplementary Letters Patent of that Regional District be amended to include only those portions of the Regional District within the Okanagan Basin for cost-sharing for administrative purposes of the Water Board.

A letter of March 25, 1975 from the Water Board to the Ministry of Municipal Affairs, and a reply dated June 9, 1975 from the Ministry, verified that Letters Patent for the Board provided for the inclusion of all member municipalities of all three Regional Districts within the Water Board to share in administrative costs.

Director McDougall indicated that the Similkameen portion of the Regional District of Okanagan Similkameen is geographically removed from the Okanagan Basin. There is very little benefit this area receives from participation in the Okanagan Basin Water Board. A resolution had been passed by the Regional Board not to include the Similkameen area in assessments for the Okanagan Basin Water Board; however, the portion of the levy from that area has been paid by the Regional District at large. The Similkameen Valley is not in favour of being assessed for costs within the Okanagan Basin.

Sewerage  
Facilities  
Payment  
R.D.O.S.:

On a related topic Director McDougall referred to the \$43,136.00 outstanding from the Regional District of Okanagan-Similkameen for the Sewerage Facilities Reserve Fund. Electoral Areas C, E, & F of the Regional District lying within the Okanagan Basin had not been assessed for the Sewerage Facilities Fund since the Fund was initiated in 1976. This matter has been discussed with the Ministry of Municipal Affairs. Letters Patent provide that up to one mill can be levied for purposes of the Sewerage Facilities Reserve Fund. The Water Board is currently levying only a one-half mill, therefore it was suggested that the full one mill levy be applied to Electoral Areas C, E, and F of the Regional District of Okanagan-Similkameen until the full amount outstanding of \$43,136.00 has been paid.

McDOUGALL/LAMONT

Res. No.  
10/80

THAT the \$43,136.00 underpayment within Electoral Areas C, E, and F of the Regional District of Okanagan-Similkameen be raised through a one mill rather than one-half mill levy until the full amount has been paid.

CARRIED

The Secretary-Manager informed that owing to the omission of the above indicated Electoral Areas, a recalculation of all payments by all Regional Districts to date was required, and the \$43,136.00 underpayment by the Regional District of Okanagan-Similkameen really meant there was an overpayment of that total amount by the Regional Districts of North Okanagan and Central Okanagan. The above amount would be returned shortly to the Regional District of North Okanagan and Central Okanagan.

Director/

Director McDougall in referring again to the requested amendment to Letters Patent, informed that if there is to be a change, approval would be required from the other two Regional Boards as well as from the Water Board before the Ministry of Municipal Affairs would consider the request. Director Davidson informed that this matter had been presented to the Regional District of North Okanagan which also has areas lying outside the Okanagan Basin; however the Regional Board felt there were some benefits to the areas outside the Basin. He felt there were also benefits within the Regional District of Okanagan-Similkameen, even to those areas lying outside the Okanagan Basin. One example would be the recent Septic Tank Recommendations.

McDOUGALL/BARRETT

Res. No.  
11/80

THAT the Supplementary Letters Patent of the Regional District of Okanagan-Similkameen be adjusted so that Water Board administrative costs are levied from the benefiting areas only; that is, those areas defined as lying within the Okanagan Basin.

MOTION DEFEATED

- 4 opposed
- 2 in favour
- 2 abstentions

Function of  
Water Board:

Director R. Hein inquired as to the primary purpose of the Water Board and how it related to local government. The purpose was indicated to be that of a coordinating agency between local levels of government on matters relating to water resource management in the Okanagan and Similkameen Basins. The Okanagan Basin Water Board also has responsibilities under the Okanagan Basin Implementation Agreement to facilitate the implementation of several Recommendations of the Okanagan Basin Study. A Sewerage Facilities Fund is levied and allocated through the Board. Letters Patent of October 1969 to the three Regional Districts within the Basin provided for the establishment of the Water Board. The Board is essentially a function of the three Regional Districts.

Cattle  
Feeding  
Areas  
Adjacent to  
Streams:

During the last meeting of the Board the Secretary-Manager had been requested to review guidelines relating to cattle feeding areas near streams; with a view to curtailing water pollution from livestock sources.

Discussion had occurred with the Pollution Control Branch, the B.C. Federation of Agriculture and the Ministry of Agriculture concerning procedures and regulations.

The B.C. Federation of Agriculture through its Agricultural Environmental Control Program presently administers a voluntary enforcement program based on the initiation of complaints, at large, relating to pollution from feedlot and other agricultural sources. Complaints are referred to the B.C. Federation of Agriculture offices in Victoria from where a dispatch is made to the appropriate committee for an inspection. Inspection teams will visit the offending farm and recommend clean-up procedures based on the environmental guidelines developed by the B.C. Ministry of Agriculture and the/

the Federation of Agriculture. Follow-up checks are made to ensure that the clean-up is done. If the farmer is still unwilling to cooperate, the problem is then referred to the B.C. Ministry of Agriculture. After sufficient time is given, if the farmer still does not clean-up and handle the waste in a reasonable manner, it is referred to the regulatory agency which is normally the Pollution Control Branch. Non-traditional practices and unreasonable farming practices may be referred, for correction, to the Pollution Control Branch by the Ministry of Agriculture.

Of 260 complaints investigated in the Province, only two or three have resulted in regulatory action.

The weakness in the voluntary system appeared to be a reluctance by the Agricultural Environmental Control program to refer uncomplying offenders to the Pollution Control Branch for regulation. There also appeared to be some obscurity in the definition of what is a reasonable farming practice. Guidelines published by the Ministry of Agriculture and the B.C. Federation of Agriculture do not appear to be very specific. However, if the Federation of Agriculture and the Pollution Control Branch were to work closely with the farmers, and the farmers showed willingness to cooperate, there is an excellent opportunity for the system to be effective in curbing pollution.

Initiation of complaints must be by local agencies, Municipalities and individuals. Continued pressure would be required. Specific incidents of pollution must be referred to. Photographs of a large feedlot at the northeast end of Okanagan Lake were shown.

There do not appear to be any existing by-laws within the Regional District which require cattle feedlot setbacks from streams.

HEIN/LAMONT

Res. No.  
12/80

THAT the Okanagan Basin Water Board refer offending cattle feeding operations along water courses to the B.C. Federation of Agriculture for correction and that the Water Board be kept informed as to progress.

CARRIED

Stream Conservation By-law:

A Stream Conservation By-law had been circulated to the Regional Districts, Municipalities and various Provincial agencies for comment.

This By-law was not intended to be the final draft. The intent at this time was merely to receive comments and opinions relative to implementation of the concept proposed. If the By-law proves to be of use, regulations and penalties would be drafted.

Comments have now been received in writing from various cities and Regional Districts throughout the Basin. Objections were received from the District of Spallumcheen relative to by-law enforcement and hardships which could be imposed on agricultural land. Other comments related to technical aspects of the By-law.

Director/

Director Hein suggested that there be input to this By-law from the farming community. He felt there could be hardships imposed concerning the use of land adjacent to streams. There should be some public input. The Secretary-Manager indicated the Stream Conservation By-law was not solely directed at the farming community, but that its major intent was to protect streams from indiscriminate disturbances by heavy machinery, excavation work, and the deposition of litter and soil materials upon streambanks which often occurs with construction.

The Board agreed that further input would be solicited from the agricultural community, the Liason Community, and the Irrigation Districts. Technical aspects of finally drafting the By-law would be left up to the Liason Committee.

DAVIDSON/KIRTON

Res. No.  
13/80

THAT correspondence relative to the Stream Conservation By-law be received;

AND THAT further input to this By-law be acquired, mainly from the agricultural community and the Irrigation Districts;

AND THAT the Liason Committee facilitate the coordination and technical consultation required to prepare a final draft Stream Conservation By-law.

CARRIED

Lands  
Branch  
Applic.

A foreshore lease application, to the Ministry of Lands, Parks and Housing, by Edward and Elsie Hayward for wharf and boat mooring purposes was referred to the Board.

Lease  
application  
E & E  
Hayward:

The Secretary-Manager reported that the amount of lease area applied for was .53 acres, extending approximately 204 feet out into Okanagan Lake and covering the full frontage of the upland private property. It was indicated that this lease was adjacent to a public beach access and could constrain the free use of the foreshore by beach users. It was felt the amount of the area applied for was excessive for only a boat moorage facility.

LAMONT/KIRTON

Res. No.  
14/80

THAT the application for a foreshore lease by Edward and Elsie Hayward be approved, and that the recommendations suggesting constraints in the size of the lease and the provision for free movement of beach traffic be forwarded to the Lands Branch.

CARRIED

Application  
Pollution  
Control  
Permits:

A pollution control application by Shuswap Okanagan Dairy Industries Cooperative Association to discharge effluent from a food processing plant in Vernon was presented. The average daily discharge would be 90 cu. meters (19,000 gallons) per day. The effluent was merely cooling water which was uncontaminated and did not pose a pollution problem.

The Regional District of North Okanagan had no objection to this application.

POSTILL/DAVIDSON

Res. No.  
15/80

THAT there be no objection to the application by Shuswap Okanagan Dairy Industries Cooperative Association.

CARRIED

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OTHER BUSINESS

POSTILL/LAMONT

Res. No.  
16/80

THAT a letter be written to F. Colclough expressing the Board's appreciation of his service as a Director and Chairman of the Board.

CARRIED

D. Hammill  
Mtg. with  
J.A. Fraser  
re:  
Sewerage  
Facilities  
Funding:

Mayor Hammill reported that since the last Board meeting he had met on behalf of the Water Board with the Honourable J.A. Fraser, Federal Minister of Environment and with Mr. Elmer MacKay, Federal Ministry of Regional Expansion. The purpose of the meeting was to re-emphasize the need for joint funding for sewerage facilities and the extension of the current Okanagan Basin Implementation Agreement. Mayor Hammill felt the meetings were very positive. Mr. MacKay was further to meet with the Honourable Stephen Rogers, B.C. Minister of Environment.

Mr. Rogers would be in Kelowna shortly and Mayor Hammill would also meet with him regarding this topic. The possibility of extending the Okanagan Basin Agreement would be looked into in order that funding of sewerage facilities would continue under this Agreement. Mayor Hammill felt encouraged that a funding package could be arranged.



Snow  
Survey  
Report:

The Secretary-Manager reported on the January 1st, 1980 snow pack conditions as reported in the B.C. Snow Survey Bulletin. Snow pack in the Okanagan-Similkameen was only 62% of average. The current long term drought conditions are persisting and the outlook was for no immediate relief. Should present conditions continue, a very low snow pack is expected by the end of winter. It was suggested that Irrigation Districts and other systems relying on upper water sheds make careful assessments of present storage to assess adequacy of supply for the summer period.

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The meeting adjourned at 4:00 p.m.

CERTIFIED TO BE TRUE AND CORRECT

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Chairman

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Secretary-Manager

MINUTES FROM THE MEETING OF THE COMMITTEE-OF-THE-WHOLE  
OF THE OKANAGAN BASIN WATER BOARD, THURSDAY, JANUARY 17TH,  
1980, 4:15 P.M., OFFICES OF THE REGIONAL DISTRICT OF  
CENTRAL OKANAGAN, 540 GROVES AVENUE, KELOWNA, B.C.

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Present:

W.J.C. Kane	R.D.C.O.
E. Lamont	R.D.C.O.
R. Hein	R.D.C.O.
R. Postill	R.D.N.O.
M. Kirton	R.D.N.O.
N. Davidson	R.D.N.O.
R. Frost	R.D.O.S.
D. McDougall	R.D.O.S.
R. Barrett	R.D.O.S.

Staff:

W. Parchomchuk Secretary-Manager

Role of  
Water  
Board:

Director Postill suggested the Water Board should re-evaluate its role in an attempt to find a firmer direction. Chairman Kane suggested that a discussion of this topic would be appropriate; however, this could be done at the following meeting of the Board. The Secretary-Manager would draw up a summary of what has been the past role of the Board and what the future role may be.

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Aquatic  
Plant  
Management  
Agreement:

A letter of January 15, 1980 from the Ministry of Environment was presented. The Ministry was requesting the Water Board to consider extending the existing aquatic weed agreement until a new agreement could be finalized. This would allow a phase-in period should the Board be asked to eventually resume responsibility for weed harvesting.

The Board discussed the excessive amount of cost the Province was incurring in the aquatic weed program with only a small return, to the basin, of aquatic weed control benefit. Almost five million dollars have been spent to date on the three year program. It was felt the Board should have more say and control on expenditures that are being made on behalf of the Okanagan Basin. Extremely high overhead costs by the Province were cited.

The Board agreed to negotiate new terms when approached by the Province. The amount of authority the Water Board will have in the new program would be a definite item in negotiations. In the meantime, since the Province was prepared to assume full costs for another year and since the budget of the Board has already been submitted, it was agreed that the Board continue with the present arrangement until the Province approached the Board to negotiate on new terms and conditions.

POSTILL/HEIN

Res. No.  
17/80

THAT the Okanagan Basin Water Board continue with the present aquatic plant management agreement with the Province until new arrangements are negotiated;

AND THAT a maximum extension of one year to the present agreement would be considered;

AND THAT the Board wait for the Province to initiate negotiations on new terms to another agreement.

CARRIED

View  
G. Jennens'  
Aquatic  
Weed  
Machine:

Mayor Hammill invited Board members to view Mr. Jennens' aquatic weed machine. It appeared that approximately January 25th would be a good time. This would coincide with the visit by the B.C. Environment Minister. Mayor Hammill would contact Board Members if arrangements could be made for a viewing of the machine in the near future. He felt confident the machine would be a good aquatic weed clearing tool.

Mayor  
N. Davidson  
Letters to  
Environ.  
Minister  
re: Aquatic  
Weed Control:

A series of letters from mid-summer of 1979 to January 7, 1980 exchanged between Mayor N. Davidson of Vernon and the Honourable Stephen Rogers were reviewed. Mayor Davidson was encouraging the Province not to give up on the fight to control eurasian water milfoil and strongly urged that 2,4-D be used since its safety has been proven. He indicated the only hope of controlling eurasian milfoil was with the use of 2,4-D since machines were not fast enough. Particularly for the year 1980, 2,4-D would have to be used rather than machines since machines were not available.

Mayor Hammill reported that Mr. Jennens' machine may be able to do one acre every two hours and 2,4-D could also be laid with this machine. Mayor Davidson asked the Board to be unanimous in their support for the continued program to control eurasian milfoil and for the use of 2,4-D.

E. Lamont agreed that the effort to control eurasian milfoil should not be given up.

The meeting adjourned at 4:45 p.m.

CERTIFIED TRUE AND CORRECT

\_\_\_\_\_  
Chairman

\_\_\_\_\_  
Secretary-Manager

MINUTES FROM THE OKANAGAN BASIN WATER BOARD MEETING OF  
NOVEMBER 8, 1979 2:00 p.m., OFFICES OF THE REGIONAL DISTRICT  
OF CENTRAL OKANAGAN, 540 GROVES AVENUE, KELOWNA, B.C.

Present:

W. Kane	R.D.C.O.
D. Booth	R.D.C.O.
E. Lamont	R.D.C.O.
K. Blagborne	R.D.O.S.
A. Kenyon	R.D.O.S.
M. Kirton	R.D.N.O.
H. Powell	R.D.N.O.
R. Postill	R.D.N.O.

Mayor D. Hammill (Observer) City of Kelowna  
Mayor N. Davidson (Observer) City of Vernon

Staff

W. Parchomchuk	Secretary-Manager
L. Fraboni	Secretary

Also Present:

N. Taylor, Assistant to G. Whittaker  
Elise Clark, Chairwoman, South Okanagan-Similkameen Union  
Board of Health  
T. Carter, Canadian Water Resources Association  
R. Luxmoore, S.E. Kelowna Irrigation District & City of Kelowna  
W. McGrath, Ministry of Health  
W. Bailey, Ministry of Health  
G. Punnet, Implementation Office  
G. Simmons, Ministry of Environment  
P. Brady, Ministry of Environment  
Dr. P. Newroth, Ministry of Environment  
R. Adams, Ministry of Environment  
G. Armour, Ministry of Environment  
M. Maxnuk, Ministry of Environment  
D. Lowton, Osoyoos Chamber of Commerce

Chairman Kane in the absence of F. Colclough

Minutes,  
meeting of  
Sept. 13/79

Kirton/Postill

Res. No.  
81/79

THAT the Regular minutes and the minutes of the Committee  
of the Whole meeting on September 13, 1979 be adopted as  
circulated.

CARRIED

Admin.  
Accounts:

Administrative accounts outstanding to November 8, 1979  
totalling \$1,027.52 were presented.

Postill/Kenyon

Res. No.  
82/79

THAT administrative accounts totalling \$1,027.52 be  
approved.

CARRIED

- 2 -

Aquatic  
Weed Prg.  
Accts.:

Accounts under the Provincial Aquatic Weed Control Program were presented for the months of August (\$49,128.75) and September (\$99,926.25).

Kirton/Postill

Res. No.  
83/79

THAT Aquatic Weed Program accounts for the months of August (\$49,128.75) and September (\$99,926.25) be approved.

CARRIED

CORRESPONDENCE

Okanagan  
Indian  
Band re:  
Armstrong  
Effluent:

1. Letter of September 28, 1979 from Murray Alexis, Chief Okanagan Indian Band to the City of Armstrong re: Armstrong Sewage Disposal

The Indian Band was concerned over effluent discharge to Deep Creek and urged the City of Armstrong to approve the ground disposal scheme advocated by their engineers.

Mr. Kirton mentioned the area first studied was not suitable for ground disposal of effluent. There were five other parcels now under study. The disposal site is still likely to be within Spallumcheen. No action was called for in the letter.

Postill/Kirton

Res. No.  
84/79

THAT the letter from the Okanagan Indian Band dated September 28, 1979 be received.

CARRIED

E. Clark  
re:  
Herbicide  
Permit  
Wood Lake:

2. Letter from Alderwoman Elise Clark, Chairwoman, South Okanagan-Similkameen Union Board of Health dated October 3, 1979 re: Appeal Herbicide Use Permit 139-30-79 Wood Lake  
The letter related to an appeal by Dr. Clarke to this Herbicide Permit.

It was agreed that a copy of the letter be forwarded to the Pesticide Control Branch with a note informing that the appeal was made by Dr. Clarke; however, on South Okanagan-Similkameen Union Board of Health letterhead.

Kenyon/Postill

Res. No.  
85/79

THAT a copy of the letter be forwarded to the Pesticide Control Branch and that the Branch be informed the appeal was not made by the Health Unit, but by Dr. Clarke.

CARRIED

J.E. Rheaume  
R.D.O.S.  
re: Letters  
Patent Amend.  
Cost Shar-  
ing:

3. Letter from J.E. Rheaume, Administrator, Regional District of Okanagan-Similkameen to T. Moore dated September 25, 1979 requesting change to Supplementary Letters Patent to apportion Water Board administrative costs to only that part of the Regional District within the Okanagan Basin.

The Regional Districts of North Okanagan and Central Okanagan did not support the requested amendment. The Secretary-Manager reported that correspondence of 1975, on file, between the Water Board and Ministry of Municipal Affairs verified that Letters Patent as quoted provided for the inclusion of all member municipalities of a Regional District in the apportionment of/

- 3 -

of administrative costs. The Chairman suggested the Secretary-Manager provide this correspondence for the next meeting.

Postill/Blagborne

Res. No.  
86/79

THAT request for an amendment to Letters Patent be tabled until the next meeting when copies of past correspondence would be available.

CARRIED

L.J.D'Amore  
re: Tourism  
Forum:

4. Letter from L.J. D'Amore dated October 9, 1979  
re: Regional Tourism Development Plans

The firm of Marshall Macklin Monaghan Ltd., in conjunction with Stevenson & Kellogg and L.J. D'Amore & Associates Ltd. was commissioned to carry out a Tourism Study. A Tourism Forum to receive local views would be held on November 27, 1979 at the Capri Hotel in Kelowna. The Secretary-Manager should make himself available at the meeting to discuss Okanagan water resources in relation to Tourism.

Kenyon/Postill

Res. No.  
87/79

THAT the above correspondence from L.J. D'Amore dated October 9, 1979 be received and the Secretary-Manager attend the meeting on November 27, 1979 to provide local views relative to tourism and the water resource.

CARRIED

E.Clark  
re: Ground  
Water Study  
Septic  
Tanks:

5. Letter from Alderwoman Elise Clark, Chairwoman, South Okanagan-Similkameen Union Board of Health dated October 16, 1979 re: Septic Tank Ground Water Study.  
The Executive of the Union Board of Health welcomed the offer by the Water Board to facilitate a meeting between the Health Board and other agencies that would be involved in septic tank tile field monitoring. The Health Board has authorized Pacific Hydrology Consultants to undertake Phase I of the monitoring proposal.

The Secretary-Manager informed he had contacted the Implementation Office and learned that a meeting to co-ordinate the agencies concerned was already being arranged; consequently, Water Board plans for a similar meeting were dropped to avoid duplication. A co-ordinating meeting including the Health Unit and other agencies was held on October 16th. Minutes of the meeting had been received by Mrs. Clark. A further meeting would be held on completion of the Consultant's Phase I Report.

Mrs. Clark reported a meeting was held in the morning of November 8th with Ann Badry of Pacific Hydrology to review sampling done to date. Sites were viewed in the field. Data from Phase I would be available shortly.

Mayor Hammill entered at 2:30 p.m.

Proposals for Phase II would be coming to the Okanagan Basin Water Board early in the new year. Other agencies would be involved.

Mrs. Clark said there was presently no budget to carry this project. Director Kenyon felt the Implementation Board and other agencies should be informed to make provision in budgets for funding of a monitoring program the following year.

B.E. Marr

The Board's attention was drawn to a letter of October 12, 1979 from Mr. B.E. Marr which also related to the topic of monitoring for septic tank installations. The Water Board had requested the Ministry of Environment to undertake some monitoring in the Kaleden/Skaha Estates/Osoyoos Lake areas. Mr. Marr informed the Pollution Control Branch has conducted site inspections of the proposed study areas and has concluded that a large number of wells would be required to produce any meaningful results. Regional manpower and budgetary constraints would allow only minor ground water monitoring programs. Limited results would be inconclusive. However, he did indicate that as much as time and budget constraints permit, the Ministry of Environment would be willing to participate in an inter-agency study.

R.D.N.O.

A letter of October 26, 1979 from the Regional District of North Okanagan relating to this topic indicated that the Regional District of North Okanagan would not wish to participate in the ground water study until sufficient literature was reviewed to determine the necessity of this study.

Kirton/Kenyon

Res. No.  
88/79

THAT the above information from the South Okanagan-Similkameen Union Board of Health, Mr. Marr, and Regional District of North Okanagan be received.

CARRIED

Report  
Septic Tank  
Sewage  
Disposal  
Recommend-  
ations:

The final draft of the Septic Tank Sewage Disposal Recommendations for the Okanagan Basin dated October 10th, 1979 as prepared by the Task Force had been forwarded to the Water Board prior to the meeting, along with a covering letter of October 10th, 1979 from Dr. M.R. Smart, Chairman. A letter of September 13, 1979 from the Regional District of North Okanagan strongly urged that these recommendations be implemented without delay.

The Chairman asked whether earlier comments that had been received from the various Municipalities and Agencies relative to the previous draft had been incorporated. Twelve Agencies or Municipalities and Regional Districts had commented, and where applicable, comments were incorporated into the final draft. Technical review can now be considered complete. The implementation phase should now be considered.

It was suggested these recommendations be forwarded to the Implementation Board for referral to the Ministries concerned, ie. Ministry of Health, Ministry of Environment and Ministry of Municipal Affairs.

Director Powell strongly urged that recommendation spell out that any additions or enlargements of existing dwellings should require a new septic tank. Permit that would conform with new recommendations. The Task Force had reviewed this concern and felt that under present procedure any building permits required for additions would automatically require septic tank approval, if there was to be additional effluent. The procedure relating to this matter would be further investigated.

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There was some concern relating to the definition of a malfunctioning tile field. Mr. McGrath explained that insofar as the present Health Regulation is concerned, a malfunctioning field would be where sewage effluent is surfacing. Fields presently percolating too rapidly were not considered as malfunctioning.

Director Kenyon urged the recommendations be implemented as soon as possible and be strictly enforced. He suggested that the recommendations be forwarded to the Regional Districts for implementation.

Secretary-Manager indicated that the key to the new recommendations was the greater set-backs required where percolation rates were fast or where the ground water table was near the soil surface.

Mrs. Clark felt there was some conflict in the water reference levels of Item 4. On controlled bodies of water, the ground water table would be deemed to be the maximum controlled level of the body of surface water, whereas on uncontrolled bodies of water, the maximum elevation of the ground water table would be deemed to be the elevation of the maximum flood.

It was pointed out that the maximum levels on controlled bodies of water were stable and more predictable, and therefore the requirement that septic tank fields be 5 feet above this level was acceptable. Past experience has indicated that floods have risen only slightly above controlled levels on these lakes.

It was suggested that recommendations be forwarded to the Implementation Board as these have been developed to fulfill Recommendation No. 31 of the Okanagan Basin Implementation Agreement. It was hoped the Implementation Board would expediate implementation of these recommendations through the Ministries concerned.

Kenyon/Powell

Res. No.  
89/79

THAT the Okanagan Basin Water Board urge the three participating Regional Districts to implement, by By-law, the newly drafted Septic Tank Sewage Disposal Recommendations for the Okanagan Basin at the earliest possible date;

and THAT inspection and enforcement of these recommendations be provided through the Building Inspection function;

and further THAT these recommendations be subject to an annual review.

CARRIED

Mrs. Clark felt that recommendations concerning septic tank fields should be made following the current ground water study rather than prior to the study. She also informed that a Provincial Committee has been in place to reassess present septic tank regulations and had asked to meet with the Septic Tank Task Force.



MINUTES OF THE MEETING OF THE OKANAGAN BASIN WATER BOARD,  
NOVEMBER 8, 1979

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raft  
Stream  
Conserv.  
By-law:

During the past meeting the Secretary-Manager had been asked to prepare a draft Stream Conservation By-law. The by-law was forwarded to the Board for prior review. The purpose of the By-law was to protect the integrity of stream banks within the Okanagan Basin and to reduce erosion and pollution resulting from unnatural disturbances and littering of streams.

The width of the conservation strip would be a distance of 5 meters beyond the natural boundary on either side of the stream and would include the bed of the stream. It was considered this should not be a hardship to private property owners as present building setback requirements are already about 30 feet from streams. The purpose of the strip was merely to protect stream banks from indiscriminate disturbance.

The question was raised as to the definition of a stream. It was agreed that names of the streams themselves within each Regional District could be placed within the By-law. It was also agreed to add another clause in the By-law preventing the deposit of refuse, soil, sand, gravel or other materials.

Mayor Davidson suggested that the width of the conservation strip be measured from the centre of the stream rather than the natural boundary. However, it was indicated that there could be problems with varying width of streams and the meandering of streams. The By-law would have to be subject to legal review before final drafting.

Postill/Kenyon

Res. No.  
90/79

THAT the draft Stream Conservation By-law be amended as indicated, and mailed to the Regional Districts and Municipalities for comment and implementation.

CARRIED

Request  
for  
Funding -  
Sewerage  
Facilities:

The Secretary-Manager reported on the meeting of September 30, 1979 with the Hon. J.A. Fraser, Federal Minister of Environment. The Board had made a request to both the Federal and Provincial Government for a grant in the amount of \$20,000,000. to assist with sewerage facilities. The Hon. J.A. Fraser had given Water Board representatives a favourable hearing. He agreed in principal that Okanagan Water Resources must be protected and sewerage facilities, as recommended, be installed. He indicated he would attempt to find additional funding; however, this would be subject to passage through the appropriate channels within the Environment Ministry and the Treasury Board.

He indicated that if the funding could be scheduled gradually over the next period of years, rather than a lump sum grant, it may be easier for the Federal Government to do this, in view of the present money shortage. Hopefully, this would improve over a five year period. The Secretary-Manager informed that a follow-up letter dated October 5, 1979 was written showing a schedule of grants that would be requested, by year, over say the initial five year period starting in January 1981. In 1985 the amount of the grant would become the amount of an annuity on a \$20,000,000 investment over 20 years. Copies of this correspondence has been forwarded to the Water Board. The other alternative would be simply to ask, from year one, for annual payments in the amount of an annuity from \$20,000,000. over a 20 year period. This amount would then be added to existing Water Board Sewerage Facilities Reserve/

.../7

- 7 -

Reserve Funds for annual disbursement in the same manner as present. A summary, in the form of a brief, of all the above presentations has been done by Mr. Whittaker's Office for a further presentation to the Environment Minister.

Mr. Nigel Taylor, assistant to Mr. Whittaker, was present and indicated that he would forward comments or reports to Mr. Whittaker. He also agreed with the Board that this matter should continue to be pressed with the Federal Government.

Mayor Hammill indicated that he would be in Ottawa in December on other business and was hopeful he could meet with the Environment Ministry at that time. He suggested he could meet with the Environment Minister on behalf of the Water Board, if desired.

Postill/Kirton

Res. No.  
91/79

THAT Mayor Hammill meet with the Hon. J.A. Fraser, Minister of Environment on behalf of the Okanagan Basin Water Board during his visit to Ottawa.

CARRIED

Crown  
Zellerbach  
discharge  
cooling  
water -  
Lumby:

Application for Pollution Control Permit

Application by Crown Zellerbach Canada Ltd. to discharge compressor cooling water from a lumber mill at Lumby into Duteau Creek. The average annual daily discharge would be 21,000 imperial gallons. The water would be filtered through a rock pit. The water was merely cooling water and should not be contaminated.

The Regional District of North Okanagan was not opposed to this application.

Booth/Powell

Res. No.  
92/79

THAT there be no objection to the application for Pollution Control Permit by Crown Zellerbach Canada Ltd.

CARRIED

OTHER BUSINESS

1.

T. Carter  
C.W.R.A.  
Annual Mtg.  
Kelowna  
June 4, 5 &  
5, 1980:

Mr. T. Carter, Director for the Canadian Water Resources Association, announced that the 33rd annual meeting of the Canadian Water Resources Association would be held in Kelowna at the Capri Hotel on June 4th, 5th and 6th, 1980. Further information as to the agenda would be available in January.

2.

R. Luxmoore  
re:  
Uranium  
Mining:

Mr. Robin Luxmoore of the South-East Kelowna Irrigation District and the City of Kelowna was in attendance.

Mr. Luxmoore informed that he had been representing the City of/

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of Kelowna and the South-east Kelowna Irrigation District at the Royal Commission of Inquiry, Health & Environmental Protection, Uranium Mining. He has been a major participant in the Commission Hearings being held in Vancouver. He indicated it was important to continue to follow proceedings of the Hearings to determine whether there would be any effects of Uranium Mining on water quality in the Basin. There would be approximately another 30 days of the Hearing. Funding for his previous attendance at the Hearings was covered by a Commission grant in the amount of \$3,800. however, the number of days of the Hearing has been extended. Mr. Luxmoore was requesting a grant in the amount of approximately \$2,500. to carry him through the balance of meetings. He would represent the entire Okanagan community at the Hearings.

Director Kenyon felt that this was outside the Terms of Reference of the Water Board. The Secretary-Manager indicated that if there was a possibility for water quality within the Basin becoming affected, this could involve the Water Board. Mr. Luxmoore was interested in the entire Basin and could represent the Basin, not just the Mission Creek Watershed.

Mr. Luxmoore had not received a grant from any other source and would be applying to the City of Kelowna as well.

Kenyon/Blagborne

Res. No.  
93/79

THAT the Okanagan Basin Water Board entertain a formal written request from Mr. Luxmoore indicating the purpose and costs for attending further Hearings of the Royal Commission of Inquiry into Uranium Mining.

CARRIED

Mr. Lamont entered at 3:30 p.m.

Bathymetric  
Mapping  
Okanagan  
Lake:

The Secretary-Manager informed that the Canadian Hydrographic Services would be doing bathymetric mapping of Okanagan Lake. Mapping would show various depths and would be of interest to boaters and others requiring contours for construction work along the shoreline. The Water Investigations Branch was also mapping water depths in the near shore area in several locations. This would be done in conjunction with flood plain mapping.

H. Powell left at 3:30 p.m.

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Report -  
Skaha Lake  
Drawdown:

The following representatives from the Ministry of Environment were in attendance to discuss the recently completed report on Skaha Lake Drawdown for control of Eurasian Water Milfoil:

G. Simmons  
P. Brady  
P. Newroth  
G. Armour  
R. Adams  
M. Maxnuk

A review of the possible effects of drawdown of Skaha Lake during the winter months to control Eurasian Water Milfoil had been requested by the Water Board and the City of Penticton in the past year.

Approximately 68% of weed beds in the lake could be affected by a winter drawdown. Mr. Brady indicated that in comparing the treatment cost by harvesting annually, with a drawdown, it would appear cheaper to harvest annually than to undertake the \$700,000 capital costs for a drawdown. The cost benefit ratio of a drawdown did not appear to be worthwhile for weed control.

The Secretary-Manager indicated that although for aquatic weed control alone the cost benefit ratio did not appear to be that attractive, there were other benefits such as the improved capability of management of water in the Okanagan system and the supply of a more reliable source of water to existing residences. A combined cost sharing approach should be explored.

Mayor Kenyon indicated that he was encouraged rather than disappointed by the cost shown for provision of a new water system and drawdown of the Lake. He reported that many residents along the shoreline required new water intakes. If this could be combined with aquatic weed program costs, the project should be feasible. The plan should involve the Province, the Regional District, and the City of Penticton, along with residents of the area. He felt confident that a cost sharing arrangement could be made.

Mr. Lowton of the Osoyoos Chamber of Commerce felt that a comprehensive weed program was required, and the lowering of Skaha Lake would not help Osoyoos Lake. Secretary-Manager indicated that a lake lowering program could easily be applicable to Osoyoos Lake as well.

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N. Davidson re-entered at 4:00 p.m.

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Mayor Kenyon felt that value should be placed upon the other drawdown benefits as well. He asked whether the Province would share costs if others in the Basin participated. Mr. Brady suggested that this could not be submitted to Treasury Board until there was a reasonable proposal. Mayor Kenyon felt certain the City of Penticton would co-operate but would require some help.

Kenyon/Postill

THAT the staff prepare a proposal to the Environment Ministry outlining other benefits and the sources of funding for a winter lowering of Skaha Lake.

CARRIED

Res. No.  
94/79

- 10 -

Hon.  
McClelland  
Letter  
Sept. 26/  
79 re:  
outfall  
removal:

The Chairman asked the Board whether they wish to reply to Mr. McClelland's letter of September 26, 1979 which was sent in response to the Board's letter of September 17, 1979 asking further clarification as to the Cabinet Committee's interpretation of a passage from the Throne Speech relating to outfall removal, and the decision relative to the City of Penticton Pollution Control Permit, PE4818. In Mr. McClelland's letter of September 26th he had asked the Water Board to seek further clarification concerning the Throne Speech from the Premier.

Kirton/Postill

Res. No.  
95/79

THAT a letter be written to the Premier asking for clarification of a passage from the Throne Speech referred to in earlier Water Board correspondence of September 17th to the Honourable R.H. McClelland.

CARRIED

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The meeting adjourned at 4:10 p.m.

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CERTIFIED TO BE TRUE & CORRECT

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Chairman

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Secretary-Manager