

MINUTES FROM THE MEETING OF THE OKANAGAN BASIN WATER BOARD HELD
JANUARY 27, 1977, 2:00 P.M. OFFICES OF THE REGIONAL DISTRICT OF
CENTRAL OKANAGAN, 540 GROVES AVENUE, KELOWNA, B.C.

Present

F. Colclough		R.D.O.S.
A. Kenyon		R.D.O.S.
K. Boothe		R.D.O.S.
J. Stuart		R.D.C.O.
D. Booth	Alternate	R.D.C.O.
E. Clark	Alternate	R.D.C.O.
W. Gordon		R.D.N.O.
R. French	Alternate	R.D.N.O.
W. Parchomchuk	Secretary-Manager	
D. Denney	Recording Secretary	

Also Present

W. Bennett
S. Buckler, Observer, Peachland
J. Hindle, Mayor, City of Kelowna
R. Huva, Association of B.C. Irrig. Districts
B. Nilsson, Okanagan Labour Council
D. Simpson

Appoint-
ment of
Directors

Letters indicating appointment of Directors to the Water Board for
the 1977 term were received as follows:

Regional District of North Okanagan:

R.W. Postill
S.A. Fleming
W.T. Gordon
C.R. Kanester (Alternate)
R.P. French (Alternate)

Regional District of Central Okanagan:

C.B. Day
J.H. Stuart
L.R. Dooley
E. Clark (Alternate)
D. Booth (Alternate)

Mr. Colclough indicated that the Regional Board of the Regional
District of Okanagan-Similkameen appointed the following Directors
to the Water Board for the 1977 term:

F. Colclough
K.A. Kenyon
K. Boothe
G. Stayberg (Alternate)
J.R. Tait (Alternate)

Stuart - Boothe

Res. No.
1/77

That the appointment of Directors to the Okanagan Basin Water Board
for the 1977 term be received as indicated.

CARRIED

Election
of
Officers:

Mr. Colclough opened nominations for Chairman.

Mayor Kenyon nominated Mr. Stuart.

Chairman

Mr. Stuart noted it has been customary to rotate the Chairmanship between the Regional Districts annually. He wondered if the Water Board had reached a time where this policy should be changed. Since the Chairmanship was to be filled from the Regional District of Central Okanagan this term, he suggested the opportunity be made for the Chairman to be elected at large from any Regional District.

Mayor Boothe agreed and seconded the motion that Mr. Stuart be Chairman.

Mr. Colclough stated the policy of rotating the Chairmanship each year has been a gentlemen's agreement. Mr. Stuart's suggestion should be recorded and perhaps at the first meeting of the Water Board next year, the Board could, if desired, elect a Chairman from any Regional District.

Further nominations were called three times.

Mr. Stuart was declared Chairman of the Board for 1977.

Vice-
Chairman

Mr. Colclough indicated that in following past policy, the Vice-Chairman has been someone from the area that is likely to hold the Chairmanship the following year.

Mr. French nominated Mayor Postill.

Further nominations were called for three times.

Mayor Postill was declared Vice-Chairman of the Board for 1977.

Mr. Colclough indicated that the implementation Board wished to meet with the Water Board on February 15th. This date would have to be confirmed.

Mr. Stuart assumed his position as Chairman. He moved a vote of thanks to the outgoing Chairman, F. Colclough, for a job well done over the past year, and for the many hours of negotiation on the Board's behalf.

Minutes

The Secretary-Manager, in referring to the minutes from the meeting of December 2, 1976, pointed out that in the Committee-of-the-Whole minutes on Page 1, 6th paragraph, the 7th word should read "reviewed" not "renewed".

Colclough - Boothe

Res. No.
2/77

That the minutes from the meeting of December 2, 1976 be adopted as amended.

CARRIED

Accounts

Accounts outstanding to January 27, 1977 totalling \$256.75 were presented.

Res. No.
3/77

Boothe - French

That the accounts outstanding totalling \$256.75 be received.

CARRIED

Appoint-
ment of
Observers

Letters indicating the appointment of Observers were presented as follows:

- a) Village of Oliver
- Mayor L.M. McKinnon and Alderman C. Miller
- b) City of Vernon
- Mayor Fleming and D.S. MacKay

Mr. Stuart noted that Mayor John Hindle, City of Kelowna, has been appointed as an official observer by the Regional District of Central Okanagan.

Res. No.
4/77

Colclough - Booth

That the appointment of Observers be received.

CARRIED

B.Nilsson
Ok.Labour
Council

Correspondence

1. Letter of December 4, 1976 from B. Nilsson, Chairman, Okanagan Labour Council Pollution Committee.

The letter stated that the Okanagan Basin Water Board should not become involved in a weed management program either administratively or financially as this was a Provincial problem and the Province must assume full responsibility for the condition of the lakes. It further stated that if the Okanagan Basin Water Board and the mass of citizens in the valley joined in a popular demand calling for the Provincial Government to take immediate and meaningful action on the weed problem, there would be no doubt that enough political pressure could be brought to bear upon the Government that it would implement and provide full financing of such a program.

Mr. Colclough indicated the Water Board entered into a cost sharing agreement with the Province for a weed control program in 1976-77 due to the urgency of the situation. He mentioned that when the Board presented its brief to the Cabinet last summer, the Board had definitely indicated that they regarded this as entirely a Provincial problem.

Mr. Stuart indicated that after four to five years of urging the Provincial Government to accept total responsibility, the Board finally received a partial commitment to a jointly funded aquatic weed control program. It was still hopeful the Province would assume full responsibility for aquatic weed control.

Mr. Colclough explained the origin and nature of the aquatic weed control agreement with the Province for Mr. Nilsson.

Mrs. Clark asked Mr. Nilsson if there were continuing representations to the Federal and Provincial Governments.

Mr. Nilsson stated that there should be a broad popular demand by every organization, business and citizen that is concerned about the weeds in the lake to call upon the Provincial Government to take immediate action.

The Board thanked Mr. Nilsson for support of the Labour Council.

Colclough - Gordon

Res. No.
5/77

That the letter from B. Nilsson, Chairman, Okanagan Labour Council Pollution Committee, be received and a reply be forwarded.

CARRIED

H.A.
Curtis:
Re: Mtg.
Sewerage
Facilities
Financial
Planning

2. Letter of December 22, 1976 from the Honourable Hugh Curtis, Minister of Municipal Affairs.

The letter was in reply to a letter of December 10, 1976 from the Water Board requesting a meeting with Mr. Curtis and members of his staff to review long term financial planning for sewerage facilities. Mr. Curtis suggested that a preliminary meeting be held with Mr. Woodward, Assistant Deputy Minister, who was familiar with the situation and was also a member of the Okanagan Basin Implementation Board. If issues requiring Mr. Curtis' attention arose out of this preliminary meeting he would be prepared to consider meeting with the Water Board at that time.

Mr. Stuart suggested that since Mr. Woodward would be meeting with the Okanagan Basin Implementation Board in the Okanagan in the near future, perhaps a special meeting could be held with Mr. Woodward and the Water Board at that time. Arrangements would be made.

Kenyon - Boothe

Res. No.
6/77

That the letter from the Honourable H.A. Curtis be received and filed.

CARRIED

Mayor J. Hindle entered the meeting at 2:25 p.m.

P.M. Brady
Re: Wood
Lake Alum
Treatment

3. Letter of December 14, 1976 from P.M. Brady, Director, Water Investigations Branch.

Mr. Brady enclosed the final report on the alum treatment experiment on Wood Lake entitled "Evaluation of Alum Treatment as a Method to Upgrade Wood Lake Water Quality" by B.C. Research Vancouver, B.C. The letter indicated results of the alum experiment were discouraging and consequently treating Wood Lake with alum to improve its quality was not recommended. The Water Investigations Branch now had two proposals before the Okanagan Basin Implementation Board for funding consideration. Both proposals were in an attempt to gain a better understanding of the self-cleansing mechanism in Kalamalka Lake, with the objective in mind of gaining more confidence with the alternative which would upgrade Wood Lake by mixing Wood and Kalamalka Lakes.

The Secretary-Manager informed that a copy of the above report was available in the Water Board office.

Clark - Booth

Res. No.
7/77

That the letter from P.M. Brady and the final report on the Alum treatment experiment on Wood Lake be received and filed.

CARRIED

4. Aquatic Weed Control (several letters)

J. Nielsen
Re: Public
Informa-
tion, 2,4-D

A letter dated December 6, 1976 from the Honourable J.A. Nielsen, Minister of the Environment, was read to the Board. The letter indicated that the staff of the Department of the Environment had been instructed to assemble a comprehensive reading list on 2,4-D and make it available to the public. It also indicated that a public announcement would be made when the collection of reading material was dispatched to the Regional Library.

The Secretary-Manager reported that this letter was in reply to a previous letter from the Water Board requesting that all information on 2,4-D be made available to the public. He also referred to a letter of December 8, 1976 from P.G. Lim, Biologist, Water Investigations Branch, who had forwarded a bibliographic index listing the more relevant literature on herbicides, pesticides and aquatic weed control programs.

Mayor Boothe felt the Province had provided the information requested.

J. Nielsen
Re: Aquatic
Weed
Control
Program

A letter dated December 9, 1976 from the Honourable J.A. Nielsen, Minister of the Environment was received. The letter was in reply to a Water Board letter of November 16, 1976 concerning scheduling of this season's aquatic weed control program. The Board had urged the Department of the Environment to proceed with mechanical aspects of the aquatic weed control program while waiting for a decision from the Advisory Committee on the use of 2,4-D.

Mr. Nielsen indicated that his staff would be discussing technical planning and implementation of such a program with personnel from the Water Board. Funds for a weed control program have not yet been approved.

French - Booth

Res. No.
8/77

That the above letters from the Honourable J.A. Nielsen and P.G. Lim be received and filed.

CARRIED

L.I.P.
Grant

The Secretary-Manager indicated that a L.I.P. Grant in the amount of \$20,400 had been approved by the Department of Manpower and Immigration for use under the aquatic weed eradication program. Due to the fact that the grant was delayed and the contract states that herbicides cannot be used, the amount of the project would likely be amended to a lesser amount.

Gordon - Kenyon

Res. No.
9/77

That the L.I.P. Contract be signed and processed.

CARRIED

B.E. Marr
Re: Lowering of
Skaha Lk.

A letter dated January 12, 1977 from B.E. Marr, Deputy Minister of the Environment was received. The letter was regarding the Board's request for a lowering of Skaha Lake in the spring of 1977. Mr. Marr advised that a limited draw-down would be feasible, at least to the normal minimum level of 1107.6 feet. Draw-down below this level could be entertained only if the Okanagan Basin Water Board were prepared to provide the public with appropriate warnings of lake lowering and to reimburse home owners for any damage that might be attributable to lake levels below 1107.6 ft.

Mayor Kenyon enquired as to what level Skaha Lake was drawn down to last year. The Secretary-Manager indicated that it was drawn down approximately two feet below the normal minimum level of 1107.6 ft. If Skaha Lake was lowered one foot below the normal minimum level, a water intake problem would not exist. A lowering of Skaha Lake this year would not aid in aquatic weed removal but would aid residents in beach clean-up.

Mr. Colclough suggested the Department of the Environment be requested to lower Skaha Lake to a level of 1106.7 feet which is only one foot below the present minimal operating level.

Mayor Kenyon suggested that the lake be drawn down to the same level as last year, subject to the availability of water supply.

Mr. Stuart noted that reimbursements to home owners for any damage that might be attributable to lake levels below 1107.6 ft. would be the total responsibility of the Water Board, whereas last year it was a joint responsibility. He suggested that a letter be written to the Minister of Environment pointing out that this lake lowering program was very beneficial to the lakeshore owners last year and that the Province should take a more active part in this regard.

Mayor Kenyon encouraged the Board to do a systematic investigation of sewage effluent pipes when the lake would be lowered. Mr. Stuart suggested that the Water Rights Branch could take an inventory of water intake pipes at this time also.

If Skaha Lake was to be lowered it would likely be during the period between mid-March and mid-April.

Colclough - Kenyon

Res. No.
10/77

That the Department of the Environment be requested to draw-down Skaha Lake as low as possible in the spring of 1977 without creating hardship to water users and provided there is sufficient water available.

CARRIED

Letters
Patent:
Sewerage
Facilities
Reserve
Fund

The Chairman indicated that a copy of the amended Letters Patent for the Sewerage Facilities Reserve Fund had been sent to the Water Board for their information.

Boothe - Clark

Res. No.
11/77

That a By-law be prepared for the Okanagan Basin Water Board Sewerage Facilities Reserve Fund, and be presented for ratification during the next meeting of the Board, and that Mr. Woodward be consulted concerning the by-law.

CARRIED

Mr. Stuart suggested that this By-law be ready to be presented to Mr. Woodward when the Board meets with him in the near future.

The Secretary-Manager indicated the Basin-wide Finance Formula for waste treatment will have to be approved by Mr. Woodward also.

Inland
Natural
Gas Co.
Pipe-
line
Crossing
Okanagan
Lake

The Board reviewed an application for a right-of-way by Inland Natural Gas for a pipeline crossing of Okanagan Lake north of the floating bridge. It was noted the right-of-way would have a maximum width of 200 ft. and the pipeline will be buried to a maximum cover of 6 ft. until a minimum water depth of 30 ft. is reached and beyond that depth the pipeline will lie at the lake bottom. The City of Kelowna and the Regional District of Central Okanagan have already granted their approval for this right-of-way.

French - Colclough

Res. No.
12/77

That the Okanagan Basin Water Board have no objection to the application for a right-of-way by the Inland Natural Gas Co. for a pipeline crossing in Okanagan Lake.

CARRIED

Other Business

Representa-
tion on
Water Bd.

Mayor Kenyon, in referring to a letter of January 13, 1977 from the City of Kelowna to the Minister of Municipal Affairs requesting direct representation of all Mayors of Cities within the Okanagan Basin to the Okanagan Basin Water Board, was curious about the City of Kelowna's request in this regard. He felt members of the Board from the City of Kelowna had done a good job on the Water Board to date.

Mr. Stuart indicated the City of Kelowna was seeking a direct representation on the Water Board. Under present arrangements, appointments to the Board from the City are made through the Regional District.

Mayor Boothe indicated if all the Mayors are appointed, the Board would be large and cumbersome.

Mrs. Clark stated that the City of Kelowna was very disappointed that no further credence was given to the request of the City of Kelowna to include the Mayors on the Board. She stated that the City of Kelowna was the largest Municipal financial contributor to the Water Board, but that they did not have direct representation on it. She said there was no implied criticism to the Directors on the Water Board, but that the Directors from each area were appointed through the Regional District and were not a direct representative from the Municipality.

Mr. Colclough indicated that the Mayor of any City has the option of being on the Board by standing for election to a Regional Board. Mayor Hindle agreed that he did have this prerogative and was also very concerned regarding the increased size of the Water Board if all the Mayors were appointed. He felt that this was basically a communication issue. However, he would still support the present recommendation by the City of Kelowna.

Ok. Basin
Implemen-
tation
Co-ordin-
ator

The Secretary-Manager indicated that a Co-ordinator for the Okanagan Basin Implementation Board has now been named. He is Murray Thomson, who was also Co-ordinator for the Okanagan Basin Study.

Mr. Gordon felt the Water Board should continue to pursue the Federal Government for funding of aquatic weed programs.

Gordon - Kenyon

Res. No.
13/77

That a letter be sent to Environment Canada, with copies to the Province and to the Okanagan Implementation Board, requesting the Federal Government for financial participation in aquatic weed programs.

CARRIED

The Secretary-Manager indicated that he was in the process of updating the figures for the Basin-wide waste treatment summary.

Res. No.
14/77

The meeting adjourned to "Committee" on a motion by Mayor Boothe at 3:25 p.m.

CERTIFIED A TRUE AND CORRECT COPY.

Chairman

Secretary-Manager

MINUTES FROM THE MEETING OF THE COMMITTEE-OF-THE-WHOLE OF THE OKANAGAN BASIN WATER BOARD, JANUARY 27, 1977, 3:30 P.M. OFFICES OF THE REGIONAL DISTRICT OF CENTRAL OKANAGAN, 540 GROVES AVE., KELOWNA, B.C.

Present

F. Colclough		R.D.O.S.
A. Kenyon		R.D.O.S.
K. Boothe		R.D.O.S.
J. Stuart		R.D.C.O.
D. Booth	Alternate	R.D.C.O.
E. Clark	Alternate	R.D.C.O.
W. Gordon		R.D.N.O.
R. French		R.D.N.O.
W. Parchomchuk	Secretary-Manager	
D. Denney	Recording Secretary	

Also Present

Mayor John Hindle, City of Kelowna

Jennens:
Proposed
Aquatic
Weed
Removal
Machine

Mr. Stuart, in referring to the Committee-of-the-Whole minutes of December 2, 1976 mentioned that an amendment should be made indicating that if a technical meeting were to be held with Mr. Jennens, those in attendance would sign the minutes of such a technical meeting.

Mr. Stuart explained that Mr. Jennens was reluctant to discuss any technical details concerning his proposed aquatic weed removal machine as patent rights were pending. It became apparent that no government agency would guarantee a machine that had not been available for study. A meeting had been arranged for Mr. Jennens and technical staff of the Water Resources Service and other government agencies, but Mr. Stuart felt this meeting should be cancelled in view of the fact that he thought perhaps a different approach should be taken to this type of situation. He therefore contacted the Premier with the suggestion of the Province sponsoring a contest for a weed removal machine, which would meet a set of specifications to be outlined by the technical people of the Departments concerned in the Provincial Government. A letter had been written to the Premier suggesting the contest. A prize of about \$100,000 should be considered. A contest would relieve the Board of many separate applications for funds.

Mayor Kenyon asked if Mr. Jennens was in favour of such a contest. Mr. Stuart replied that he was, and also that the Premier received this proposal favourably.

Mr. French indicated that Mr. D. Simpson had also approached him expressing his interest in contracting a machine to the Okanagan Basin Water Board.

Mayor Boothe suggested that the Water Board support Mr. Stuart's idea.

The Secretary-Manager outlined some of the weaknesses in using mechanical means for aquatic weed control. The basic problem of costs, storms, varying lake bottom and breakdowns would apply to any mechanical method.

Mr. Gordon cautioned the Board with respect to future proposals from individuals in this regard. He suggested that in the future the Board should not accept any briefs or proposals from individuals unless these are offered voluntarily, as legal complications could arise.

Mr. Stuart stressed that the Province, not the Board, should be responsible for the contest.

Boothe - French

Res. No.
15/77

That the Okanagan Basin Water Board approve the proposed contest as suggested by J. Stuart, and that the Province be approached to arrange a contest for the design and successful demonstration of equipment that could be practically used for mechanical weed control.

CARRIED

Mayor Hindle left the meeting at 4:20 p.m.

1977
Provisional
Budget

The Secretary-Manager indicated a calculation error existed on the copy of the budget as presented during the last meeting. Under full time salaries the amount should be reduced to read \$32,290 rather than \$32,701. Anti-inflation Board guidelines provided for wage increase during 1976 ranged from 8% to 12%. The range for 1977 was from 6% to 10%. Salaries indicated on the 1977 Provisional Budget reflect increases of 10% over 1976.

Mrs. Clark requested a breakdown of the R.D.C.O. requisition of \$298,838 indicated on the provisional budget. She wished to know what portion of the Regional District requisition would be allocated to the one mill reserve fund and what portion would be allocated to administration. The Secretary-Manager explained that the allocation from the requisition would be in proportion to the amounts shown under the expenditure column. After deducting amounts budgeted for the reserve fund and aquatic weed control, \$43,000 was left for administration.

Mr. Stuart indicated that a breakdown of allocations has been done under each Regional District budget.

French - Gordon

Res. No.
16/77

That the Okanagan Basin Water Board 1977 Provisional Budget be approved as amended, and further that the operational portion and the one mill reserve portion be defined within the Regional requisitions.

CARRIED

Other Business

The Secretary-Manager mentioned that at the last meeting of the Water Board it was decided that the remainder of the funds in the aquatic weed control program could be allocated to the purchase of two new pieces of equipment provided that the Province would assume all operating costs. A reply to this proposal has not been received from the Province. In the meantime, price changes indicate that with remaining capital in the joint weed eradication program, only one machine could be purchased and the balance could be spent on operating costs. The existing machine could be used as well. Further discussion ensued concerning the expedition of remaining funds under the weed eradication program for 1977.

Mr. Gordon suggested that tenders be called for contractors to do much of the work thereby eliminating costs of new equipment. The Secretary-Manager indicated there were no contractors available with weed control equipment.

Gordon - Kenyon

s. No.
17/77

That the Okanagan Basin Water Board authorize expenditure of aquatic weed removal funds for immediate repairs and operation of existing machines, and that construction of a new machine be delayed

CARRIED

Estimates for a new machine would be received shortly.

The Secretary-Manager indicated that small patches of weeds with a high potential for spread would be worked on first this year. Kalamalka and Skaha Lake were likely to receive first attention this year rather than Okanagan Lake.

Mayor Kenyon noted that at the last meeting of the Water Board a suggestion had been made that the City of Kelowna consider an interim form of tertiary treatment until the alternate treatment facility was constructed. Alderman Day was to present this proposal to the City Council of Kelowna after the new year. Mrs. Clark mentioned that the City recently had a staff meeting where the Council is invited concerning this matter, but that Alderman Day had been away on holiday. She indicated that more information would be available shortly.

Res. No.
18/77

The meeting adjourned on a motion by K. Boothe, seconded by R. French at 5:20 p.m.

CARRIED

CERTIFIED A TRUE AND CORRECT COPY.

Chairman

Secretary-Manager

MINUTES FROM THE MEETING OF THE OKANAGAN BASIN WATER BOARD HELD
MARCH 10, 1977, 2:00 P.M. OFFICES OF THE REGIONAL DISTRICT OF
CENTRAL OKANAGAN, 540 GROVES AVENUE, KELOWNA, B.C.

Present

J. Stuart	Chairman	R.D.C.O.
C. Day		R.D.C.O.
L. Dooley		R.D.C.O.
E. Clark	Alternate	R.D.C.O.
R. Postill		R.D.N.O.
S. Fleming		R.D.N.O.
W. Gordon		R.D.N.O.
F. Colclough		R.D.O.S.
A. Kenyon		R.D.O.S.
K. Boothe		R.D.O.S.
W. Parchomchuk	Secretary-Manager	
D. Denney	Recording Secretary	

Also Present

T. Carter, Assoc. of B.C. Irrigation Districts
R. Huva, Assoc. of B.C. Irrigation Districts
B. Stevens, Secretary to G. Whittaker, MP Okanagan Boundary
G. Jennens, Resident
J. Hindle, Mayor, City of Kelowna

Minutes

Boothe - Postill

Res. No.
19/77

That the minutes from the meeting of January 27, 1977 be adopted as circulated.

CARRIED

Accounts

Accounts outstanding to March 10, 1977 totalling \$654.06 were presented.

Res. No.
20/77

Colclough - Boothe

That the accounts outstanding totalling \$654.06 be received.

CARRIED

Weed
Eradica-
tion
Accounts

Accounts incurred under the Joint Provincial - OBWB Weed Eradication Program from October 1976 to January, 1977, totalling \$6,909.12 were presented. The Water Board's share would be one half of this total.

Res. No.
21/77

Postill - Colclough

That the expenses incurred under the Joint Provincial - OBWB Weed Eradication Program for the period October, 1976 to January, 1977, totalling \$6,909.12 be received.

CARRIED

Correspondence

Munic. of
Peachland:
Appoint-
ment of
S. Buckler

1. An excerpt from the minutes of a Meeting of the Peachland Municipal Council held on January 26, 1977 appointing S. Buckler as an observer on the Okanagan Basin Water Board was received by the Board.

Dooley - Kenyon

Res. No. 22/77 That the appointment of S. Buckler as an Observer on the Okanagan Basin Water Board be accepted.

CARRIED

R.D.C.O. 2. Two letters of February 25, 1977 from A.T. Harrison, Administrator, R.D.C.O. relating to February 17, 1977 correspondence from C. Woodward concerning funding provisions of Letters Patent were read to the Board.

Re: C.H.L. Woodward's
corresp.-
Funding
Provisions
Letters
Patent

The Chairman indicated that discussion of this matter would fall in logically when a verbal report from a recent meeting with the Environment Minister would be presented later in the meeting. The report would deal with aquatic weed control funding.

Kenyon - Day

Res. No. 23/77 That correspondence from A.T. Harrison relating to correspondence from C. Woodward concerning funding provisions of letters patent be received.

CARRIED

R.D.N.O. 3. A letter dated March 1, 1977 from P. Mackiewich, Administrator, R.D.N.O. was read to the Board.

Re: Vernon
Creek
Erosion
Study

The letter was concerning the Vernon Creek Erosion Study prepared by the Water Resources Service. The Regional District of North Okanagan directed that this study be referred to the Implementation Board for implementation.

The Secretary-Manager indicated a copy of the Vernon Creek Erosion Study was available at the Water Board office. The estimated cost for erosion control work, being mainly rip-rap, was \$611,000.

The Chairman indicated a meeting with the Implementation Board will be held in the near future. This request could be presented at that time.

Day - Postill

Res. No. 24/77 That the letter from the Regional District of North Okanagan requesting implementation of the Vernon Creek Erosion Study be presented to the Implementation Board.

CARRIED

R.D.O.S. 4. A letter dated February 24, 1977 from the Regional District of Okanagan Similkameen relating to effluent disposal of the Naramata Townsite was read.

Ground-
water
Survey-
Naramata
Townsite

The Regional Board recommended that, for the protection of present property owners in Naramata Townsite, the Implementation Board conduct a groundwater survey in the Naramata Townsite as soon as possible.

. . .

Director Colclough suggested that the Water Board support this request and forward it to the Implementation Board for their consideration.

Colclough - Kenyon

Res. No.
25/77

That the Okanagan Basin Water Board support the request of the Regional District of Okanagan-Similkameen and that the proposal for a groundwater survey in the Naramata Townsite be presented to the Implementation Board.

CARRIED

B.E. Marr:
Lowering
of
Skaha Lk.

5. A letter dated February 14, 1977 from B.E. Marr, Deputy Minister of the Environment was received.

The letter indicated that, owing to an unusually light snow-pack, releases from Okanagan Lake this year will have to be kept as low as possible and therefore any lowering of Skaha Lake will have to be a very gradual process. By reducing the outlet from Okanagan Lake to 50 c.f.s. and maintaining a 200 c.f.s. discharge from Skaha Lake it would take about 40 days to lower Skaha. The Department of Environment was proposing to commence lowering of Skaha Lake on or about March 20th at an anticipated rate of about half an inch per day to elevation 1106.6 feet. This elevation would be reached by May 1, which is close to commencement of the irrigation season.

The Secretary-Manager indicated that 1106.6 feet elevation is approximately one foot higher than the lowest elevation reached last year.

Director Kenyon questioned if this gradual and minimum draw-down would be worthwhile. Director Colclough indicated that such a gradual draw-down would not allow the lakeshore owners any length of time to do a reasonable beach clean-up. In view of the drought conditions, Director Boothe was opposed to a draw-down of Skaha Lk.

E. Clark and S. Fleming entered the meeting at 2:20 p.m.

The Secretary-Manager explained that the flow would remain constant out of Skaha Lake at 200 c.f.s. and the outlet from Okanagan Lake would be dropped to 50 c.f.s. Director Colclough indicated that since there would be no net increase in the discharge from the lake system perhaps lowering of Skaha Lake should proceed.

Mayor J. Hindle entered the meeting at 2:25 p.m.

Colclough - Kenyon

Res. No.
26/77

That the program for lowering of Skaha Lake be undertaken as described in Mr. Marr's letter of February 14, 1977.

CARRIED

- K. Boothe opposed.

Lands Br.
Applica-
on by
westbank
Chamber of
Commerce:
Improve-
ments to
park at
Powers Cr.

An application by the Westbank Chamber of Commerce for improvements to the park and boat ramp at Powers Creek was forwarded from the Lands Branch.

The Secretary-Manager indicated that the only major item of concern on the application would be a 30' extension of an existing spit. To extend the spit may shelter the bay to the north and cause accumulations of organic debris.

Director Boothe was not in favour of a spit extension in view of shoreline problems that had been created by similar alterations in Osoyoos and the Summerland waterfront.

The Chairman indicated that the Regional Board of the Regional District of Central Okanagan did not have any objection to the proposed improvements.

Boothe - Colclough

Res. No.
27/77

That the Okanagan Basin Water Board recommend that the spit at Powers Creek be not extended, but that the final decision be made subject to an engineering inspection by the Lands Branch.

CARRIED

Verbal
Report:
Meeting
with
Environment
Minister
March 4/77

The Chairman reported on a meeting that had been called on March 4 in Victoria by the Minister of Environment. The meeting was attended by the Chairman, Director Colclough, Director Postill and the Secretary-Manager. A written document had not been received from the Minister, but he indicated the Provincial Government was prepared to undertake a comprehensive aquatic weed control program. The Province would co-ordinate and run the program. The Province would provide most of the financing and would hopefully eradicate the weed to the point where it would be at a housekeeping level, then local government would assume responsibility. The Minister indicated that communities in the Basin would have to agree to the eradication methods before a program could be carried out. A program would not be forced on local communities.

Director Colclough indicated the Minister presented an organizational chart outlining an administrative structure for the program. The only financial participation of the Water Board would be to pay the wages of two employees. The Chairman mentioned that many of the materials purchased, labour hired, and contracts made would be through the Water Board office to expedite the program. The Province would reimburse the Water Board for all expenditures made. The Board would only be responsible for hiring one or two staff to help run the program. The Provincial share of costs would be sizeable.

The Chairman indicated he had asked the Minister, that once a written program has been prepared, that a meeting be held in the Valley with elected representatives. It was also suggested that once the second report of the three-man advisory committee concerning the use of herbicides was available, that it be released in the valley by the committee.

The Secretary-Manager indicated that the Province wished to have an answer from the Water Board concerning the aquatic weed program proposal as presented in principle.

Director Fleming suggested that a letter be written to the Minister of Environment thanking the Provincial Government for co-operation and proposed financial support of the aquatic weed program, and that the Water Board agree to this program in principle subject to confirmation in writing.

Director Gordon questioned the advisability of leaving the option open for some communities not to participate if they desired not to have weeds removed. He stressed the importance of having a complete control program throughout the Basin otherwise weeds would spread from untreated areas to treated areas. The Chairman indicated that local communities would have some say in the control methods used.

Mayor Hindle inquired as to what had become of the idea to sponsor a contest for aquatic weed control machinery. The Chairman replied that this matter was also discussed with the Minister. He felt assured the contest would become a reality.

Fleming - Postill

Res. No.
28/77

That a letter be written to the Minister of Environment thanking him and the Provincial Government for their co-operation and financial support of the aquatic weed program; and that the Water Board agree in principle to the proposed aquatic weed program as outlined, subject to written confirmation of details.

CARRIED

Hon. J.A.
Nielsen
Reimburse-
ment of
purchases
of aquatic
weed con-
trol equip-
ment

The Chairman read a letter dated March 4, 1977, from the Minister of Environment. The letter confirmed that costs incurred by the Water Board in the purchase of a harvester and fabrication of a rototiller along with containment materials will be reimbursed in full by the Department of Environment. The Chairman indicated these purchases had been discussed during the March 4th meeting with the Minister in Victoria. The above items would be purchased by the Water Board office mainly to expedite this year's program. The Secretary-manager indicated that total cost for the above items would be approximately \$100,000. All costs would be reimbursed by the Province.

Day - Postill

Res. No.
29/77

That the Water Board purchase equipment as outlined in the Environment Minister's letter of March 4, 1977 subject to total reimbursement by the Province; and that the Water Board receive approval for this purchase from the three participating Regional Districts.

CARRIED

Postill - Colclough

Res. No.
30/77

That the letter from the Minister of Environment, dated March 4, 1977 be received and filed.

CARRIED

F. Claggett 6. A letter of February 28, 1977 was received from F. Claggett, Re: Finan- Environmental Protection Service, concerning an application ial Assis- the Board had made last year for assistance in the development tance - of a prototype aquatic weed derooting machine. Mr. Claggett Development of derooting machine indicated that this application was unable to qualify in its present form. However, he suspected the Federal Government may be more easily approached for funding, now that a Provincial position concerning weed control is becoming clear.

Postill - Day

Res. No. That the letter from Mr. F.G. Claggett, dated February 28th, 1977 3/77 be received and filed.

CARRIED

Mayor Hindle left the meeting at 3:10 p.m.

By-Law No. 1: Reserve Fund By-Law No. 1, attached to and forming part of these minutes, being a by-law to establish a Reserve Fund for the Okanagan Basin Water Board for the purpose of sewerage facilities assistance was discussed.

Director Boothe questioned whether funds raised by the one mill levy for sewerage facilities could be used toward the aquatic weed control program.

The Chairman indicated that funds for weed eradication should be raised under the one quarter mill as provided for various projects under existing letters patent.

Director Gordon indicated that Mr. Woodward's letter of February 11, 1977 suggests it may be worthwhile to consider a further amendment of Letters Patent to more precisely define the terms and conditions of the funding of the weed eradication program; on the other hand, the letter also states that the Water Board has sufficiently broad authority under its originating letters patent to expend funds on a variety of projects. On this basis he questioned whether a further amendment to letters patent for weed control was necessary.

Director Fleming indicated that a detailed program would be confirmed outlining the role of the Water Board in aquatic weed control with the Province; then if any necessary changes in letters patent are required they could be made at that time. The one mill levy should be kept exclusively for sewerage facilities.

Colclough - Fleming

Res. No. That By-law No. 1, being a by-law to establish a Reserve Fund for 32/77 the Okanagan Basin Water Board be read a first, second and third time this 10th day of March, 1977.

CARRIED

Fleming - Postill

Res. No. That the Interim Report of the three man Advisory Committee on the 33/77 control of Eurasian Water Milfoil in the Okanagan lake system of British Columbia be received.

CARRIED

1977
Provis-
onal
budget

A revised copy of the 1977 provisional budget, attached to and forming part of these minutes, was presented to the Board. The Chairman indicated the budget now showed separately revenues that were to be requisitioned for the one mill reserve and for administration. The one mill levy for 1977 would be \$540,410. The one mill levy of \$400,000 from 1976 would also be requisitioned in 1977 along with \$25,000 interest earned. This would bring the total amount to be requisitioned under the one mill reserve fund to \$965,410.

There was some discussion as to whether interest earned on \$400,000 of the reserve fund, while it was being held by the Regional Districts during 1976, should be requisitioned in 1977.

Director Colclough indicated the question of interest on the reserve fund would depend on each of the Regional Districts handling this. He thought that perhaps any interest that was earned should be payable to the Okanagan Basin Water Board.

Director Postill indicated the Regional District of North Okanagan had placed reserve funds in an interest bearing account.

The Provisional Budget for the continuing 1976-77 Joint Aquatic Weed Program with the Province was presented on a separate sheet. The Secretary-Manager indicated that with the anticipated aquatic weed program to be undertaken by the Province, there would be changes in the present aquatic weed budget.

The Chairman mentioned two policies relating to the budget which the Board would have to consider: the first was whether the amount calculated for the reserve fund should be based on the assessment of the previous year, or the present year; and secondly, whether interest earned on the \$400,000 held in reserve by the Regional Districts during 1976 should be payable to the Water Board.

Kenyon - Postill

Res. No.
34/77

That the calculation for the amount to be budgeted and to be requisitioned for the one mill sewerage facilities reserve fund be based on the assessed values of the previous year.

CARRIED

The Chairman suggested that interest earned on the reserve fund should be requisitioned by the Board. Director Fleming suggested that direction from the three Regional Districts be sought in this regard. Director Postill felt that interest earned, less administrative expenses, be forwarded to the Water Board.

Fleming - Postill

Res. No.
35/77

That the Okanagan Basin Water Board recommends that the principle amount, plus interest on funds held in reserve for sewerage facilities in 1976 by the Regional Districts, be requisitioned by the Water Board; However, that the three Regional District Boards and Administrators be asked to advise concerning the allocation of interest earned.

CARRIED

Postill - Kenyon

Res. No. 36/77 That the 1977 Provisional Budget of the Okanagan Basin Water Board be adopted as presented.

CARRIED

Report: The Secretary-Manager reported that snow accumulation on the
Snowpack watershed was still much below normal. Record low accumulations
& lake are reported for many stations. Fortunately most of the reservoirs
levels have been held at a high storage level. Okanagan Lake is presently
one foot above the average level. This is a record high level for
this time of year. Water users not having storage, but being dependent
on natural stream flow may experience shortages this summer.

The Okanagan River discharge is being kept to a minimal 150 c.f.s.
The level of Okanagan Lake is holding steady at about 1121.63 feet
elevation.

Mtg. with The Chairman reported that the Okanagan Basin Implementation Board
Implement- wished to meet with the Water Board on Wednesday, April 6th. He
ation suggested that the regular Water Board meeting also be held on the
Board - same day, and that both meetings be held in Penticton. Director
April 6th Colclough invited the Board to hold both meetings in the Board room
of the Regional District of Okanagan-Similkameen.

Postill - Fleming

Res. No. 37/77 That a meeting with the Okanagan Basin Implementation Board and
a regular meeting of the Water Board be held on April 6th in
Penticton.

CARRIED

Applications for Pollution Control Permits:

Appli. for 1. An application for a Pollution Control permit by Sasges Cement,
Pollution Vernon, B.C. to discharge effluent from gravel washing at
Control a gravel pit on Highway 97A into settling ponds thence to
Permit: dispersal into ground was received. The average daily discharge
Sasges would be 14,000 gallons. The Technical Planning Committee and
Cement the Regional Board of the Regional District of North Okanagan
have given their full support to this application.

Dooley - Kenyon

Res. No. 38/77 That there be no objection to the application for a Pollution
Control Permit by Sasges Cement, Vernon, B.C.

CARRIED

Appli. for
Pollution
Control
Permit:
Whitevale
Utilities

2. A letter dated February 22, 1977 from the Regional District of North Okanagan concerning the application for a pollution control permit for Whitevale Utilities Ltd. to discharge effluent from Whitevale Park Estates Subdivision was received. The Regional Board of the Regional District of North Okanagan strongly objects to a permit being issued for the operation of a community sewer system by Whitevale Utilities Ltd. in that area. Their by-law No. 229, 1977, which has received two readings of the Regional Board and which was submitted to Public Hearing on February 16, will not allow the installation of such a system unless it is owned, operated, and maintained by an Improvement District under the Water Act or the Municipal Act, a Municipality, a Regional District, or an Agency of Her Majesty the Queen in Right of Canada or Her Majesty the Queen in Right of the Province of B.C.

Director Fleming indicated that once private plants of this nature are established, operating responsibilities are neglected.

Day - Postill

Res. No.
39/77

That the Okanagan Basin Water Board support the Regional District of North Okanagan in their objection to an application for a pollution control permit by Whitevale Utilities Ltd.

CARRIED

By-Law
No. 1
Reserve
Fund

Further discussion ensued concerning By-law No. 1 to establish a reserve fund for the Okanagan Basin Water Board.

Postill - Boothe

Res. No.
40/77

That the resolution by Colclough - Fleming for three readings of By-law No. 1 be rescinded. (Res. No. 32/77)

CARRIED

Postill - Gordon

Res. No.
41/77

That Clause 2. in By-law No. 1 be reworded to read as follows:
"The monies set aside shall be deposited in a separate interest bearing account in a Chartered Bank or Credit Union, and until required to be used, shall be invested in the manner provided by the Municipal Act."

CARRIED

Colclough - Boothe

Res. No.
42/77

That By-law No. 1, as reworded, being a by-law to establish a Reserve Fund for the Okanagan Basin Water Board be read a first, second and third time this 10th day of March, 1977.

CARRIED

The meeting adjourned to "Committee" at 4:05 p.m.

CERTIFIED A TRUE & CORRECT COPY.

Chairman

Secretary-Manager

MINUTES FROM THE MEETING OF THE COMMITTEE-OF-THE-WHOLE OF THE OKANAGAN BASIN WATER BOARD, MARCH 10, 1977, 4:20 p.m.

Present	J. Stuart	Chairman	R.D.C.O.
	C. Day		R.D.C.O.
	E. Clark	Alternate	R.D.C.O.
	S. Fleming		R.D.N.O.
	W. Gordon		R.D.N.O.
	F. Colclough		R.D.O.S.
	A. Kenyon		R.D.O.S.
	K. Boothe		R.D.O.S.
	W. Parchomchuk	Secretary-Manager	
	D. Denney	Recording Secretary	

Contest:
Weed
Control
Machinery

The Chairman explained that the matter concerning a contest for weed control machinery had been discussed with the Minister of Environment. He indicated that there would likely be a two stage contest. The first stage would be for conceptual drawings. The second stage would be for demonstration of a working model. Prizes would be awarded at each stage. The Water Board would only be involved partially in establishing the criteria, and would not take part in judging.

Basin -
wide
Finance
Formula

Basin-wide formula notes were distributed to the Board. The Chairman suggested that the members of the Water Board take this back to their respective regional districts for discussion and concurrence.

Director S. Fleming invited the Board to attend the opening of the Vernon spray irrigation facility on Saturday, May 7, 1977, at 1:00 p.m.

The meeting adjourned on a motion by C. Day at 4:40 p.m.

CERTIFIED TO BE A TRUE & CORRECT COPY.

Chairman

Secretary-Manager

MINUTES FROM THE MEETING OF THE OKANAGAN BASIN WATER BOARD HELD
APRIL 6, 1977, 2:30 P.M. OFFICES OF THE REGIONAL DISTRICT OF
OKANAGAN-SIMILKAMEEN, 1101 MAIN STREET, PENTICTON, B.C.

Present	R. Postill	Vice-Chairman	R.D.N.O.
	S. Fleming		R.D.N.O.
	W. Gordon		R.D.N.O.
	C. Day		R.D.C.O.
	L. Dooley		R.D.C.O.
	E. Clark	Alternate	R.D.C.O.
	F. Colclough		R.D.O.S.
	A. Kenyon		R.D.O.S.
	G. Stayberg	Alternate	R.D.O.S.
	W. Parchomchuk	Secretary-Manager	

Vice-Chairman R. Postill chaired the meeting.

Minutes Fleming - Colclough

Res. No. 43/77 That the minutes from the meeting of March 10, 1977 be adopted as circulated.

CARRIED

Accounts Accounts outstanding totalling \$605.03 for the period ended March 31, 1977 were presented to the Board.

Kenyon - Dooley

Res. No. 44/77 That the accounts outstanding totalling \$605.03 be paid.

CARRIED

Correspondence

The following items of correspondence were reviewed.

B.E. Marr: 1. A letter of March 22, 1977 from Mr. B.E. Marr relating to
Re: Lower- Skaha Lake lowering.

Skaha Lk. Mr. Marr indicated that the only way Skaha Lake could be drawn down would be by reducing inflow from Okanagan Lake while maintaining present releases from Skaha Lake. Skaha Lake was presently at elevation 1107.89 and falling very slowly (about an inch per week). The Department of the Environment was proposing to allow this very slow drop to continue without altering the controlled flows into and out of Skaha Lake. The lake would therefore probably not fall below its normal lower operating limit of elevation 1107.6. It appears that irrigation is likely to start early this year - perhaps as early as mid-April, and this would mean restoring Skaha Lake to its normal level of about 1108.6 at that time.

The Secretary-Manager explained that since the time of the receipt of Mr. Marr's letter, several orchardists on Skaha Lake had developed a water shortage problem for orchard spraying. The orchardists had, in previous years, relied on a small stream for adequate water to fill spray tanks. However, the stream was not running this year and water was required from Skaha Lake. The lake had to be brought up to the normal operating level to provide water for these intakes.

Res. No.
45/77

Clark - Kenyon

That the letter of March 22, 1977 from Mr. B.E. Marr be received.

CARRIED

R.D.N.O.,
R.D.O.S.,
R.D.C.O.:
Purchase
of aquatic
weed con-
trol equip-
ment

The following letters from the three participating Regional Dis-
tricts concerning the purchase of aquatic weed control equipment
were read:

- 2.a) A letter of March 25, 1977 from the Regional District of
North Okanagan;

The Board of the Regional District of North Okanagan has
unanimously resolved that the expenditure for the purchase
of a harvester, rototiller, and containment materials, be
authorized and that the Province of British Columbia be in-
voiced for reimbursement of the funds incurred in the acquisi-
tion of this equipment.

- b) A letter dated April 1, 1977 from the Regional District of
Okanagan-Similkameen;

The Regional Board, Regional District of Okanagan-Similkameen,
in regular meeting March 24, 1977, adopted a resolution which
reads:

"Letter dated March 15, 1977 from Okanagan Basin
Water Board re control of aquatic weeds.

Kenyon - Boothe

That this Board hereby agrees with the contents
of this letter, and the expenditure of \$100,000
approximately, for the purchase of harvester,
rototiller, and containment booms.

CARRIED"

- c) A letter dated March 23, 1977 from the Regional District of
Central Okanagan relating to the following resolution adopted
by the Regional Board on March 21, 1977:

"Moved by C. Day:
Seconded by L. Dooley:

THAT the Regional Board of the Regional District
of Central Okanagan supports the Okanagan Basin
Water Board in the purchase of the equipment to
control aquatic weeds.

CARRIED"

The above letters were in reply to earlier Water Board correspondence
of March 15, 1977. The Secretary-Manager suggested that when order-
ing and purchasing this equipment on behalf of the Province, the
Province should be asked to make the decision as to which shop or
manufacturer would be selected to supply the equipment. Since the
Province was paying the total price of equipment, this decision
should not have to be made by the Water Board.

Day - Colclough

Res. No.
46/77

That the letters from the Regional District of North Okanagan, the
Regional District of Okanagan-Similkameen, and the Regional District
of Central Okanagan be received and filed.

CARRIED

G. Huva:
Re: Appli-
cation by
Brown
to con-
struct a
dock into
Okanagan
Lake

3. Letter of March 23, 1977 from Mr. G. Huva, District Land Manager concerning an application from Mr. A. Brown to construct a dock into Okanagan Lake on the Kelowna foreshore. A letter and sketches from Mr. Brown were attached.

The Secretary-Manager explained that the District Land Manager was seeking a policy decision from the Board concerning future structures and wharves on crown owned foreshore within the lake system.

Director Gordon noted that docks are often built on the lake whether they are licensed or not. He felt that in many instances one common dock would be sufficient for several property owners, rather than having many small docks. Docks often attract weeds.

Director Clark indicated she would favour this application since it was a peculiar situation. This particular area of the lake was different than other areas in that the high water mark of the lake bordered abruptly to the property line and in some instances private properties were located out into existing water, as what had once been land had eroded into the lake.

The Secretary-Manager indicated that this was, in fact, a peculiar situation and there were not very many instances of this occurrence on the lake. High water mark ended abruptly against a cement wall on the property, therefore virtually no public land below high water mark.

Kenyon - Clark

Res. No.
47/77

That the application by Mr. A. Brown to construct a dock into Okanagan Lake be allowed.

CARRIED

Director Dooley suggested that should the District Land Manager wish a policy statement from the Water Board concerning docks and other structures into the foreshore, that a letter should be forwarded to the Board with this request.

Dooley - Stayberg

Res. No.
48/77

That the District Land Manager be asked to write a letter to the Okanagan Basin Water Board should he require the Board's views and recommendations on future docks to be constructed on Okanagan Lake.

CARRIED

The Board also suggested that the District Land Manager be asked for clarification concerning responsibility for inspection of structures on crown foreshore in Kelowna. There was some uncertainty as to whether Municipal Building Inspectors were required to inspect these structures.

R.D.O.S.:
Sanitary
Sewer
System for
Okanagan
Falls

4. Letter of March 28, 1977 from the Regional District of Okanagan-Similkameen concerning a proposed sanitary sewer system for Okanagan Falls.

The letter was requesting a review by the Okanagan Basin Water Board of the sewer system so that a referendum could proceed. A copy of a letter dated March 25, 1977 from the Department of Municipal Affairs was attached, along with a copy of an engineering study with current cost estimates. The Department of Municipal Affairs indicated that since the Okanagan

Basin Water Board is the local authority under the Okanagan Basin Agreement; under the terms of the agreement the Board is to review all water quality projects.

Director Fleming questioned as to what criteria would be used in determining the end product from the Okanagan Falls waste treatment system and how would the Water Board decide if the 80% phosphorous removal guidelines of the Okanagan Basin Study are achieved.

The Secretary-Manager suggested that the final engineering design would show what the final system would be capable of achieving insofar as phosphorous removal is concerned. The Board would have to base its decision upon the final engineering design.

Director Kenyon questioned whether the system was extensive enough to cover the entire surrounding urban area of Okanagan Falls. Director Postill indicated that the community would have to bring the proposal to a referendum first, and the final engineering design could be achieved once a referendum is passed. The Water Board could give final approval to the system once the final design has been laid down.

Director Clark indicated that the Board should make it plain that part of its review did not include a technical assessment of the existing consultants report. Director Postill indicated this would not be necessary at this time since the community is simply asking for approval to go to a referendum. The final design criteria would determine whether the treatment plant meets the phosphorous removal specifications. The Water Board's decision would be based on the condition that the final engineering design meets standards requested by the Board. The Board is not making a technical decision at this time.

Colclough - Stayberg

Res. No.
49/77

That the application by Okanagan Falls to proceed with a referendum for a sanitary sewer system be approved, provided that the final engineering design guarantees that at least 80% phosphorous removal would be achieved by the sanitary sewer system when it is in operation.

CARRIED

The Chairman indicated that final construction must have capability for at least the tertiary stage of treatment before it would qualify for assistance under the Okanagan Basin Sewerage Facilities Assistance Formula.

R.D.C.O.:
Responsi-
bility for
the appli-
cation of
2,4-D

5. Letter of April 5, 1977 from the Regional District of Central Okanagan concerning the responsibility for application of 2,4-D in Okanagan Lake.

The Chairman indicated there were several items dealing with this topic further in the agenda.

Dooley - Colclough

Res. No.
50/77

That the letter from the Regional District of Central Okanagan be tabled for later review.

CARRIED

Allocation
of Inter-
est earned
in 1976
Reserve
Fund

Allocation of interest Earned on 1976 Reserve Fund

A letter of March 24, 1977 was received from the Regional District of North Okanagan and a letter of April 5, 1977 was received from the Regional District of Central Okanagan, indicating that interest accrued on the 1976 reserve funds should not be charged by the Okanagan Basin Water Board.

Director Colclough reported that the Regional District of Okanagan-Similkameen also agreed with the Regional Districts of North and Central Okanagan.

Director Gordon indicated that in reality there was very little interest earned, as funds were not received until late in the year. He suggested that the Board now give final consideration to the reserve fund by-law and requisition each Regional District for the amount outstanding in the reserve fund.

Fleming - Dooley

Res. No.
51/77

That the Okanagan Basin Water Board waive the request for payment of interest on sewerage facilities reserve funds held in 1976 by the Regional Districts, and that the Okanagan Basin Water Board now requisition these reserve funds from the Regional Districts, and further that these funds be forwarded to the Board within seven days of the date of requisition.

CARRIED

Sewerage
Facilities
Assistance
Reserve
Fund By-
law

Sewerage Facilities Assistance Reserve Fund By-law

The following letters relating to this by-law were presented to the Board:

- Letter of March 18, 1977 from Mr. C. Woodward,
- Letter of March 24, 1977 from the R.D.N.O.,
- Letter of March 23, 1977 from the R.D.C.O.,
- Letter of April 6, 1977 from the R.D.O.S.

All letters indicated concurrence with the By-law. This By-law is attached to and forms part of these minutes.

Fleming - Gordon

Res. No.
52/77

That the Sewerage Facilities Assistance Reserve Fund By-law No. 1, 1977 be reconsidered and adopted this 6th day of April, 1977.

CARRIED

Director Clark asked that her objection to final reading of the By-law be recorded as she felt the By-law did not contain retro-active provisions for accumulating funds which had been earned in the year previous to the establishment of the By-law.

Sewerage
Facili-
ties
Assis-
tance
Formula

Sewerage Facilities Assistance Formula

Letters relating to the Sewerage Facilities Assistance Formula were presented as follows:

- Letter of March 24, 1977 from the R.D.N.O.,
- Letter of April 1, 1977 from the R.D.O.S.
- Letter of April 5, 1977 from the R.D.C.O.

This correspondence was in reply to a letter of March 17, 1977 from the Water Board requesting comments on a draft copy of the basic principles of the Okanagan Basin Sewage Facilities Assistance Formula.

The Regional District of North Okanagan had unanimously adopted the formula as presented. They stressed that section 4 should be revised to include the alternative to increase the mill rate at a future date when necessary, rather than reducing the allocations in the event a basin-wide levy would exceed one mill. The Regional Board felt that a reduction of allocation would penalize latecomers who were contributors to the one mill from the outset.

The Regional District of Okanagan-Similkameen passed a resolution to the effect that the allocation of funds should be such that at no time would the basin-wide levy exceed one mill.

The Regional District of Central Okanagan agreed to accept the Okanagan Basin Sewerage Facilities Assistance Formula as presented by the Water Board but to include the one mill levy limitation. They also requested that the formula be reviewed in relation to funding once in each year.

Director Fleming indicated experience would show what mill rate would be adequate in the long run. He was reluctant to lock in the formula or freeze it at one mill. In the future it may be essential to raise the formula, say to one-and-a-half or two mills. As long as the one mill suffices, the Board should stay with it; but recognize that it may be necessary to increase it.

Director Gordon expressed the same opinion. He felt that those municipalities coming into the formula at a later date would not benefit the same as those communities which had entered the formula at an early date. There would not be the same amount of funds left for those communities undertaking sewerage projects later in the time schedule. Director Day indicated if the formula were to exceed one mill at this time, then those people who are not being serviced by sewage systems would be reluctant to participate. He felt that a suitable compromise was that item number 5 in the formula be amended so that the financial provisions of the formula could be reviewed every year, but for the time being, the maximum should stay at one mill.

Director Kenyon agreed the one mill maximum should remain, but could be changed. By providing basin-wide sharing of sewage costs, there is a better case for financial assistance to be presented to the Federal and Provincial governments.

Director Fleming agreed that if the one mill could be kept in place and a provision be included in the formula for review each year, this could indicate a flexibility and an agreeable compromise.

Day - Kenyon

That item number 5 of the Okanagan Basin Sewerage Facilities Assistance Formula be amended to indicate that funding provisions of this formula would be reviewed annually, and that for the present time, the formula be contained so that a maximum of a one mill levy over the basin per year would fund the formula.

CARRIED

The Board was reminded that other provisions of the formula indicate that in order to qualify for assistance communities would have to provide tertiary treatment facilities. It was also suggested that in making payments out of the formula the Board should wait until after individual communities have received payment from the Sewerage Facilities Assistance Act. This would save on administrative costs and on determining the amount of payment. The Water Board would then merely pay 18/75ths of the amount paid by the Province.

The provisions of the formula as revised above are attached to and forms part of these minutes.

Other Business

Mtg. with
Implemen-
tation
Board

For the benefit of the press and public in attendance, the Chairman reported that the Okanagan Basin Water Board and the Implementation Board had met during the morning to review the responsibilities under the Okanagan Basin Implementation Agreement. The Water Board and the Implementation Board had agreed on the proposed program for implementation. Director Fleming further reported that the Water Board and the Implementation Board had dealt with two main classifications of recommendations - those dealing with sewerage facilities, and others dealing with recreation and flood plain zoning.

Liaison
Committees

Director Gordon recalled there was discussion concerning structuring of liaison committees to implement some recommendations. The Chairman suggested that the topic of liaison committees be referred to the Regional Districts for further input. Existing organizational structures and facilities should be used as much as possible.

Director Colclough suggested that where certain recommendations pertain entirely to a localized area; for example, Mission Creek, these recommendations should be dealt with by the Regional District concerned.

Dooley - Gordon

Res. No.
54/77

That a letter be forwarded to each Regional District asking the Districts to discuss and comment upon how the liaison committees as suggested under the Okanagan Basin Implementation Agreement could best be established.

CARRIED

Septic
Tank Reg.

Director Gordon indicated that septic tank regulations had also been discussed. He felt there should be a meeting between Health and Water Resources personnel, and Building Inspectors to see what could be done to implement recommendation 31 dealing with septic tanks.

The Chairman indicated that regulations had been sent to each Regional Board for review. This is presently being held at the technical level.

Dooley - Kenyon

Res. No.
55/77

That the Okanagan Basin Water Board request Regional Districts to have their building inspectors inspect septic tank fields and issue permits as required.

CARRIED

Director Clark requested that items 1 and 2 of the Committee meeting dealing with aquatic weed control be brought forward into open meeting.

It was suggested that item 2 dealing with an agreement should be left "In Committee" since the agreement had not been discussed publicly.

Clark - Gordon

Res. No.
56/77

That Item 1 scheduled for the "In Committee" meeting dealing with the second report of the Advisory Committee on the control of Eurasian water milfoil be brought into open meeting.

CARRIED

Second
Interim
Report of
Advisory
Cttee -
Aquatic
Weed
Control

Director Clark indicated that arrangements had previously been made that when the second interim report of the Advisory Committee on the control of Eurasian water milfoil was to be released, it was to be released in the Valley by the three man committee which had studied the problem. She expressed disappointment that this had not been done. The Chairman indicated that it was not intended that public meetings be held at the time of the release but he expected that such meetings were now being arranged.

Director Kenyon asked whether the Board was in favour of the contents of the report. Director Colclough indicated he did not see anything with which he disagreed. Director Kenyon mentioned that many of the recommendations of this report had been dealt with by the Board in the past. Director Clark was concerned that the report recommended a fairly high dosage of 2,4-D to be used on the City of Kelowna foreshore. She felt this would affect swimming and boating activity. She preferred that pilot projects be done outside of recreation areas.

Director Fleming mentioned that on Page 21 of the report, it indicated that the herbicide would not be used in swimming areas until test results had been compiled.

The Chairman reported the Province had indicated that 2,4-D would not be imposed upon any areas in the Valley where local residents or municipalities did not want it.

Director Clark indicated that testing in plots done last year were less than adequate and monitoring should be improved if further 2,4-D tests are to be done.

Director Fleming indicated that the Province was stepping into the aquatic weed program experimentally at first. The Board should support the Province. The only other alternative to herbicides would be to leave the problem for a natural disaster to eliminate the weeds. This was highly unlikely. He agreed the Province was entering this program very gingerly and scientifically and was concerned with health and environmental problems.

The Secretary-Manager indicated that on Page 20 of the report it appeared that spot control measures using herbicides would also be attempted.

Director Clark felt that applicants for the design of a new machine should be encouraged and she enquired whether this was still part of the program, or were local individuals being blocked. The Secretary-Manager indicated that the Province was actively working on a contest. Director Day indicated that individuals developing new methods of weed control were reluctant to disclose the nature of the equipment as they wished to protect their patent rights. He agreed patent rights should be protected.

Patent
Protec-
tion

The Chairman felt that before the Province could enter into a contract with anyone they would have to know whether the machine could do the job. The Provincial Government would establish guidelines which would have to be met.

Postill - Clark

Res. No.
57/77

That a letter be written to the Province requesting that the Province protect the patent rights of anyone applying to test or prove aquatic weed removal equipment.

CARRIED

Portable
Equip-
ment for
Weed
clean up

Director Gordon indicated that there are many residents along the lakeshore who would like to assist in clean up of small weed patches facing their properties; however, it is extremely difficult to accomplish anything without the assistance of some small type of high velocity water jet or a miniature suction dredge. These could easily be made available at a low cost. He suggested that the Water Board recommend the Province to look into this. The Secretary-Manager would write a letter to the Province with this suggestion.

R.D.C.O.:
Respon-
sibility
for the
applica-
tion of
2,4-D

In referring to the letter of April 5, 1977 from the Regional District of Central Okanagan concerning responsibility for the application of 2,4-D and other herbicides, the Chairman indicated the Water Board was not responsible for the overall program. The Provincial Government would be making all applications to apply 2,4-D.

The meeting adjourned to "Committee" at 4:45 p.m.

CERTIFIED A TRUE & CORRECT COPY.

Chairman

Secretary-Manager

MINUTES FROM THE MEETING OF THE COMMITTEE-OF-THE-WHOLE OF THE OKANAGAN BASIN WATER BOARD HELD APRIL 6, 1977, 4:50 p.m. OFFICES OF THE REGIONAL DISTRICT OF OKANAGAN-SIMILKAMEEN, 1101 MAIN ST. PENTICTON, B.C.

esent	R. Postill	Vice-Chairman	R.D.N.O.
	S. Fleming		R.D.N.O.
	W. Gordon		R.D.N.O.
	C. Day		R.D.C.O.
	L. Dooley		R.D.C.O.
	E. Clark	Alternate	R.D.C.O.
	F. Colclough		R.D.O.S.
	A. Kenyon		R.D.O.S.
	G. Stayberg	Alternate	R.D.O.S.
	W. Parchomchuk	Secretary-Manager	

Vice-Chairman R. Postill chaired the meeting.

Joint
Weed
Eradica-
tion
Agreement

The Chairman presented a revised draft copy of an agreement between the Okanagan Basin Water Board and the Province for a weed removal program. The agreement had been forwarded along with a covering letter of March 29, 1977 from the Department of the Environment. The Board and the Regional Districts would have to agree on the final wording. Directors Colclough and Postill felt the draft agreement went beyond the understanding reached with the Minister of Environment during a meeting of March 4, 1977.

Director Dooley felt the Province should be primarily responsible for aquatic weed control. Director Fleming suggested that Section 2 (b) of the agreement was too broad.

Kenyon - Dooley

Res. No.
58/77

That the three Regional Chairman who had met with the Minister of Environment on March 4th review and reword the draft agreement and present it to the Regional Districts and Water Board for ratification.

CARRIED

When the agreement has been revised it would be immediately forwarded to the three Regional Districts for ratification. It could then be presented to the next meeting of the Water Board for signing.

It was indicated there were provisions in the agreement for a steering committee which would require some technical and advisory representation from the Board. This appeared to meet the approval of the Board.

R.D.C.O.
responsi-
bility
for appli-
cation of
2,4-D

A letter of April 5, 1977 from the Regional District of Central Okanagan was reviewed by the Board. The Regional District instructed the Okanagan Basin Water Board not to be responsible for the application of 2,4-D and other herbicides for the purpose of aquatic weed control.

The Secretary-Manager informed that insofar as the application of herbicides is concerned, the Province was making all of the formal applications to the concerned agencies such as the B.C. Aquatic Weed Committee and the Interdepartmental Pesticide Committee. The Province itself would be applying the herbicide. This should not

be construed to mean the Water Board is responsible for the program even though some of the Provincial staff applying the herbicide may be hired through the Water Board office.

Day - Colclough

Res. No.
59/77

That a letter be written to the Regional District of Central Okanagan indicating that the Provincial Government would have the responsibility and liability for the application of herbicides even through the Water Board may, from time to time, hire staff for the Province through the Water Board offices.

CARRIED

Kelowna
Tertiary
Treatment

Director Kenyon enquired as to what the present status was concerning the City of Kelowna's proposals for tertiary treatment. Director Day indicated that the City had recently passed a motion to review the possibility of the extension of the outfall pipe deeper into the thermocline and there would be further discussion of interim tertiary treatment.

City of
Penticton:
Use of
2,4-D

Director Kenyon asked the Water Board to urge the Provincial Water Resources Service to apply herbicides in both marinas on the Penticton waterfront. He suggested that a letter would be coming from the City of Penticton requesting that 2,4-D be applied in these marinas. He asked the Water Board if they would support such a letter. The Board indicated that although the letter has not been received, a resolution could be passed stating that the letter would be forwarded, along with a supporting letter to the Province immediately upon receipt from the City of Penticton.

Colclough - Gordon

Res. No.
60/77

That the letter to be received from the City of Penticton concerning a request for the use of 2,4-D in the marinas on Skaha Lake and Okanagan Lake adjacent to the City be ratified and forwarded to the Province with a supporting letter.

CARRIED

Septic
Tanks

Director Kenyon urged the Water Board to request all Regional Districts to ask their building inspectors to inspect all septic tank installations.

C. Day left the meeting at 5:15 p.m.

Kenyon - Dooley

Res. No.
61/77

That the Okanagan Basin Water Board request the Regional Districts to have septic tank inspections done and permits issued by their Building Inspectors.

CARRIED

Director Stayberg enquired as to whether rototilling work would be done on Skaha Beach. The Secretary-Manager indicated that an application is now being made for the use of 2,4-D which will be more effective in this instance. He suggested that if this application should not be approved, the weed infested area could be surrounded by a boom and harvested before there would be interference with summer recreation.

The meeting adjourned at 5:30 p.m.

CERTIFIED A TRUE & CORRECT COPY.

Chairman

Secretary-Manager

OKANAGAN BASIN WATER BOARD

BY-LAW NO. 1

Being a By-law to establish a Reserve Fund for the Okanagan Basin Water Board

WHEREAS Supplementary Letters Patent dated October 3, 1975, and December 22, 1976, issued to the Regional District of Central Okanagan, the Regional District of North Okanagan, and the Regional District of Okanagan-Similkameen provide that the Okanagan Basin Water Board may require that all participating regional districts contribute to the cost of sewerage facilities within the Okanagan Basin; which Basin is described in said letters patent, and

WHEREAS Supplementary Letters Patent dated December 22, 1976 issued to the Regional District of Central Okanagan, the Regional District of North Okanagan, and the Regional District of Okanagan-Similkameen, provide that the Okanagan Basin Water Board may, by by-law, establish a reserve fund, and

WHEREAS the provisions of Section 287 of the Municipal Act shall apply to the reserve fund, and

WHEREAS it is intended that the monies accrued to the reserve fund are to be used for the financial participation in the costs of providing sewage collection and treatment facilities in the Okanagan Basin;

NOW THEREFORE the Okanagan Basin Water Board in open meeting assembled enacts as follows:

1. There shall be and is hereby established a reserve fund pursuant to the provisions of Section 287 of the Municipal Act, R.S.B.C. 1960, and amendments thereto, to be known as the "Sewerage Facilities Assistance Reserve Fund" and monies may from time to time be deposited to this fund in accordance with Letters Patent.
2. The monies set aside shall be deposited in a separate interest bearing account in a Chartered Bank or Credit Union, and until required to be used, shall be invested in the manner provided by the Municipal Act.

3. Any expenditure from the reserve fund shall only be used for contribution to the costs of providing sewage collection and treatment facilities in the Okanagan Basin and no expenditure for this purpose shall be made until a formula has been determined by the Okanagan Basin Water Board and approved by the Inspector of Municipalities.

4. This By-law may be cited as the "Okanagan Basin Water Board Sewerage Facilities Assistance Reserve Fund By-law No. 1, 1977".

READ A FIRST TIME THIS 10th DAY OF March, 1977

READ A SECOND TIME THIS 10th DAY OF March, 1977

READ A THIRD TIME THIS 10th DAY OF March, 1977

RECONSIDERED AND ADOPTED THIS 6th DAY OF April, 1977

[Signature]
Chairman

[Signature]
Secretary-Manager

I hereby certify the foregoing to be a true and correct copy of the By-law No. 1 cited as "The Okanagan Basin Water Board Sewerage Facilities Assistance Reserve Fund By-law No. 1, 1977" as read a third time by the Board on the 10th day of March, 1977.

I hereby certify the foregoing to be a true and correct copy of the By-law No. 1 cited as "The Okanagan Basin Water Board Sewerage Facilities Assistance Reserve Fund By-law No. 1, 1977" as adopted by the Board on the 6th day of April, 1977.

[Signature]
Secretary-Manager

[Signature]
Secretary-Manager

OKANAGAN BASIN SEWERAGE FACILITIES

ASSISTANCE FORMULA

Summary of the Main Concepts relating to the Okanagan Basin Sewerage Facilities Assistance Formula as agreed to by the Okanagan Basin Water Board on April 6, 1977:

1. The formula provides for the Okanagan Basin Water Board to pay 18% of net annual sewerage debt in excess of three mills to eligible communities within the Okanagan Basin. Sewerage facilities qualifying for funding would be identical to those qualifying under the Provincial Sewerage Facilities Assistance Act. Both plants and collection systems are included under this Act. Payment to a community by the Water Board would be calculated after payment has been made by the Province under the Act. The amount of payment by the Water Board would be in direct proportion to that paid by the Province, since the Water Board and the Province pay a fixed percentage of debt in excess of three mills. The Provincial share is 75% above three mills. The Water Board would pay $\frac{18}{75}$ ths or 24% of the amount the Province pays.
2. Community sewerage systems must be designed and operated to process effluent to at least a tertiary level (mechanically, chemically, by spray irrigation, exfiltration, or other accepted methods) of treatment to be eligible for funding. Communities presently not employing tertiary treatment would not be eligible for assistance under this formula until financing has been approved for construction of tertiary facilities.
3. The formula would be retroactive to include eligible debt incurred during 1976. This being the year when funds were first levied and held in reserve for this purpose.
4. Allocation of funds, to eligible communities, in the amount of 18% of net annual debt in excess of three mills will continue so long as the amount raised annually over the Basin does not exceed a levy of one mill. Should total allocations under this formula require more than a one mill levy over the Basin, the amounts allocated to communities would be reduced to a sum less than 18% in excess of three mills, so that in any event, a Basin wide levy would not exceed one mill annually.
5. Funding provisions of this formula would be reviewed annually.

WP/dd
April 14/77

MINUTES FROM THE MEETING OF THE OKANAGAN BASIN WATER BOARD HELD
MAY 5, 1977, 2:00 P.M. OFFICES OF THE REGIONAL DISTRICT OF CENTRAL
OKANAGAN, 540 GROVES AVENUE, KELOWNA, B.C.

Present	J. Stuart	Chairman	R.D.C.O.
	C. Day		R.D.C.O.
	L. Dooley		R.D.C.O.
	E. Clarke	Alternate	R.D.C.O.
	R. Postill		R.D.N.O.
	S. Fleming		R.D.N.O.
	R. French	Alternate	R.D.N.O.
	F. Colclough		R.D.O.S.
	A. Kenyon		R.D.O.S.
	K. Boothe		R.D.O.S.
	W. Parchomchuk	Secretary-Manager	
	D. Denney	Secretary	

Also Present

S. Buckler, Observer, Peachland
J. Hindle, Mayor, City of Kelowna
R. Huva, Association of B.C. Irrig. Districts
G. Jennens, Resident, City of Kelowna
K. Marsden, Water Investigations Branch
P. Newroth, Biologist, Water Investigations Branch
B. Nilsson, Okanagan Labour Council
M. Thomson, Coordinator, Implementation Board
G. Whittaker, MP, Okanagan Boundary

Minutes Postill - Day

Res. No. That the minutes from the meeting of April 6, 1977 be adopted
62/77 as circulated.

CARRIED

Regular administrative accounts outstanding totalling \$419.75 for the period ended April 30, 1977 were presented. Joint weed eradication accounts for February and March totalling \$57,128.04 were also presented. The Water Board share of this amount was \$2,736.03.

Boothe - Postill

Res. No. That the accounts be received as presented.
63/77

CARRIED

Financial Audited financial statements for the year ending December 31, 1976
Statements were presented.

Kenyon - Colclough

Res. No. That the financial statements for the year ending December 31, 1976
64/77 be received as circulated.

CARRIED

Signing
Authori-
ties

The Secretary-Manager mentioned that all the funds under the one mill reserve fund have been collected and deposited in the Credit Union. The Credit Union requires that there be two signing authorities.

The Chairman suggested that the signing authorities be any two of: the Chairman, Vice-Chairman, and Secretary-Manager.

Postill - French

Res. No.
65/77

That the Chairman, Vice-Chairman, and Secretary-Manager be empowered as signing authorities for the Okanagan Basin Water Board, and that any two signatures be required for transactions.

CARRIED

Correspondence

The following items of correspondence were reviewed.

W. McGrath,
Dr. Smart,
Re: Septic
Tank Reg-
ulations

1. A letter of April 21, 1977 from W. McGrath, Regional Engineer, B.C. Department of Health; and

A letter of April 21, 1977 from Dr. Smart, North Okanagan Health Unit.

Both letters were concerning the proposed septic tank regulations.

Director Colclough indicated that proposed septic tank regulations were to have been studied by a joint technical liaison committee. The Technical Planning Committees for all three Regional Districts comprised many of the same members. He suggested that the Technical Planning Committee for the Regional District of Central Okanagan, augmented by the planners of the other Regional Districts review the proposed septic tank regulations and bring input back to the Regional Districts.

The Chairman suggested that the technical meeting be enlarged to include Health officers and Engineers from the Cities of Vernon, Kelowna and Penticton.

Colclough - Day

Res. No.
66/77

That the proposed septic tank regulations be referred to the Technical Planning Committee of the Regional District of Central Okanagan, and that Planning Directors from the Regional Districts of North Okanagan and Okanagan-Similkameen, along with other technical advisors, including representatives from Health Units and Municipal Engineering Departments be asked to attend meetings as required.

CARRIED

Kenyon - Boothe

Res. No.
67/77

That the letters from W. McGrath and Dr. Smart be received.

CARRIED

G. Huva
Re: Fore-
shore
structures

2. A letter of April 25, 1977 from G. Huva, District Land Manager.

The letter stated that there were an increasing number of requests from upland owners of waterfront property on Okanagan Lake for permission to build or repair docks, wharves and floats to accommodate their boating requirements. The City of Kelowna have statutory authority to administer their building, electrical, water, and sewage by-laws within their municipal boundaries which extends 600' from the natural boundary out into Okanagan Lake. This 600' gives validity to their by-laws only when the Minister of the Environment has granted permission to an upland owner to occupy the foreshore for uses such as fill, beach clean-up, wharf, dock or float construction, marina purposes, boat launching facilities, etc.

The Land Manager wished the Water Board to advise his office if they had any concerns, comments or policies regarding this type of activity on the crown foreshore.

In replying to Director Postill's concern regarding the jurisdiction of foreshore beyond 600' from the natural boundary, Director Fleming thought that this type of established jurisdiction would have to be applied for and a lease signed with the Provincial Government.

Director Boothe mentioned that the District of Summerland had signed a recreational foreshore lease with the Provincial Government for the Summerland foreshore area.

Director Colclough questioned as to who would have jurisdiction over foreshore that is not within a Municipality. The Secretary-Manager replied that the Provincial Government likely have regulations governing this.

Fleming - Kenyon

Res. No.
68/77

That the District Land Manager, Ministry of the Environment, be advised that the Okanagan Basin Water Board would like to be informed of any applications for foreshore structures and would consider each application on its own merits.

CARRIED

The Chairman suggested that once the Coordinator for the Joint Provincial - Okanagan Basin Water Board Weed Removal Program has been established, this person may wish to comment on the construction of docks in regard to weed growth and weed removal operations.

Mayor J. Hindle entered the meeting at 2:30 p.m.

City of
Penticton
Aquatic
Need
Control

3. a) A letter of April 14, 1977 from the City of Penticton.

The Council of the City of Penticton was requesting the Okanagan Basin Water Board to immediately commence a weed eradication program in the Okanagan and Skaha Lake Marinas. Because of the abundant growth of the milfoil in these marinas, and because the marina situation presents a controlled area where results of chemical eradication methods can be easily determined, Council of the City of Penticton has requested that the marinas be given immediate attention.

- b) A letter of April 28, 1977, from C.J. Sewell, City Clerk, City of Penticton.

This letter was concerning the Eurasian Watermilfoil in the area of the Skaha West Airport Beach. The Council of the City of Penticton is of the opinion that public use of this portion of Skaha Lake Beach should not be encouraged, and they therefore request that the Okanagan Basin Water Board take steps to eradicate the milfoil in that location either by harvesting or chemical means as quickly as possible. The only other alternative would be posting the beach so that the public would not be encouraged to use it, which they hoped would not be necessary to do, and that harvesting or eradication by chemical means take place as quickly as possible.

The Secretary-Manager explained that it had been initially planned to de-root weeds on Skaha Beach, but because of the sharp drop off, it would only be possible to get one half of the affected area. The only other alternative would be to use herbicides, or to harvest the top of the weeds off for the summer months. He indicated the City of Penticton's request has already been presented to the B.C. Aquatic Weed Committee.

Dr. Peter Newroth, Biologist, Provincial Government, was in attendance and spoke to the meeting concerning this matter. He indicated that a proposal to use 2,4-D in the Okanagan and Skaha Lake Marinas and Skaha Beach was before the B.C. Aquatic Weed Committee and the B.C. Interministerial Pesticide Committee.

Dr. Newroth indicated that there were two water intakes on the west side of Okanagan River. 2,4-D would be applied only if the water supplies to these intakes could be discontinued temporarily. This would be looked into more thoroughly if permission is granted from the B.C. Interministerial Pesticide Committee to apply 2,4-D. Since the City of Penticton has requested aquatic weed control using herbicides, this would hasten the decision of the B.C. Interministerial Pesticide Committee.

Postill - Colclough

Res. No.
69/77

That the two letters from the City of Penticton be received and forwarded to the B.C. Aquatic Weed Committee.

CARRIED

B.C.F.G.A.

4. A letter of March 10, 1977 from Mr. Chas Bernhardt, B.C. Fruit Growers' Association.

The letter was concerning two resolutions which were adopted at the B.C.F.G.A. Convention in January as follows:

Resolution #20

"THEREFORE BE IT RESOLVED by the 1977 B.C.F.G.A. Convention that the Executive of the B.C.F.G.A. request proof from the O.B.W.B. that no damage is caused to fruit trees irrigated over a period of at least five and preferably 10 years with water rich in 2,4-D and its derivatives.

Resolution #E

"THEREFORE BE IT RESOLVED by this 1977 B.C.F.G.A. Convention that removal of all sewage outfall from the Okanagan Lake and River system be recommended."

Colclough - Postill

Res. No.
70/77

That the letter and resolutions from the B.C. Fruit Growers' Association be forwarded to the authorities concerned.

CARRIED

Hon. Romeo
LeBlanc:
Aquatic
Weed
Control

5. A letter of April 12, 1977 from The Honourable Romeo LeBlanc, Minister of Fisheries and Environment Canada.

The letter indicated that the Ministry of Fisheries and Environment Canada contract studies of aquatic weeds to the private sector or to university specialists, and are currently sponsoring such research to an amount in excess of \$100,000. The actual operational control of the weed infestation of the Okanagan Lake System must be regarded as a matter of provincial responsibility. The senior provincial member of the Okanagan Basin Implementation Board has recently stated that the question of weed control should not be considered by the Federal - Provincial Board but is rather a matter for the Province alone. Accordingly, the Department of Fisheries and Environment Canada are unable to participate, as requested by the O.B.W.B. "in a comprehensive aquatic weed control program". If, however, the three-man Royal Commission appointed by the British Columbia Minister of the Environment reports that the milfoil problem is now truly national in scope, then the Okanagan Basin Implementation Board may wish to reconsider its position and look into the problem of weed removal under the general terms of the overall agreement.

The Chairman noted that Mr. Whittaker, MP, Okanagan Boundary, and Mr. Jarvis, Opposition Critic, have done a good job in bringing this matter to the attention of the Federal Government.

The Secretary-Manager indicated that the three-man Advisory Committee have mentioned in the first Interim Report a major area of consideration would be enlisting the assistance of the national government in dealing with the problem which may soon become an international situation.

The Chairman suggested a letter be written to the Okanagan Basin Implementation Board requesting them to consider their position concerning Federal assistance in an aquatic weed control program based on the evidence in the three-man advisory committee's report and the involvement of the Provincial Government in the new aquatic weed control program in the Okanagan Valley. The problem is now considered to be national in scope.

Postill - Fleming

Res. No.
71/77

That the Okanagan Basin Implementation Board be requested to reconsider their position concerning Federal assistance in an aquatic weed control program, based on the evidence in the three-man advisory committee's report and the involvement of the Provincial Government in the new aquatic weed control program in the Okanagan Valley.

CARRIED

City of
Kelowna:
P.E.C.
Brief

6. A letter of April 6, 1977 from the City of Kelowna.

The City of Kelowna forwarded a copy of a brief regarding the use of 2,4-D prepared by the Kelowna Branch of S.P.E.C. which was considered by the Municipal Council of the City of Kelowna at their regular meeting of April 5, 1977.

Colclough - Day

Res. No.
72/77

That the letter from the City of Kelowna along with the attached brief from S.P.E.C. dated March 28, 1977 concerning the use of 2,4-D, be received and forwarded to the three-man advisory committee on the control of Eurasian watermilfoil.

CARRIED

R.D.N.O.
Biological
Control of
Aquatic
Weeds

7. A letter dated May 2, 1977 from the Regional District of North Okanagan.

The Regional Board of the Regional District of North Okanagan at their April 27th meeting requested that the proposed biological methods of aquatic weed treatment be enunciated and also that fish be used on an experimental basis in a tightly controlled environment.

The Secretary-Manager indicated that the Interim Reports of the Advisory Committee discuss types of biological control, including the use of the White Amur Carp, but did not recommend that it be introduced immediately.

Fleming - Colclough

Res. No.
73/77

That the letter from the R.D.N.O. be received and that the Okanagan Basin Water Board strongly recommend that the introduction of imported fish be included in the Province's program for aquatic weed control.

CARRIED

Murray
Thomson:
Presenta-
tion of
Implemen-
tation
Plan to
Public

Mr. Murray Thomson, Coordinator, Okanagan Basin Implementation Study gave a brief outline of the schedule for presentation of the Okanagan Implementation Plan to the public. He indicated that the first public presentation would be through a multi-media program followed in June by a number of work shops in Vernon, Kelowna, Penticton and Oliver explaining the plan. He invited the Water Board to participate in both the multi-media presentation and the work shops, particularly in the areas where the Board is responsible.

The Chairman indicated he would regretfully not be available due to previous commitments.

Director Colclough offered his assistance in presentation of the Implementation Plan.

It was the general opinion of the Board that all members would be willing to assist whenever possible.

Mr. Thomson offered to present a preview of the plan prior to public presentation.

Postill - Fleming

Res. No.
74/77

That Director Colclough be appointed to act on behalf of the Okanagan Basin Water Board on all matters pertaining to the presentation of the Implementation Plan, and that all members of the Water Board be requested to participate whenever possible.

CARRIED

The meeting adjourned at 2:55 p.m. for a recess.

The meeting reconvened at 3:05 p.m.

Newroth
re:Public
Informa-
tion
meeting
Aquatic
Weed
Control

Dr. Newroth reported that the three-man Advisory Committee on the Control of Eurasian Watermilfoil will be coming to meetings in the Valley on May 10, 11 and 12 to discuss findings and recommendations contained in their interim reports. These public meetings would also be attended by Mr. B. Marr, Deputy Minister of the Environment and Dr. Newroth. Meetings would be held at 7:30 p.m. as follows:

- May 10, Recreation Centre, Vernon
- May 11, Kelowna Community Theatre, Kelowna
- May 12, Peach Bowl, Penticton

He requested a Water Board representative participate in the sessions.

The Chairman called on the Board members to participate in the public meetings, as he would likely be unable to attend.

Director Colclough suggested that Water Board members could attend the public meetings which were held within their respective Regional Districts.

The Board concurred that public meetings would be attended by a Water Board representative.

Mayor Hindle stated it was his understanding that the Municipalities will have some say as to the parts of the weed eradication program they wish to have implemented in their particular area. He wondered if Municipalities would have to accept the eradication package in total that is planned for their area. Dr. Newroth indicated that time could be wasted by approving only part of the eradication package. The total program must be effective and economical. Tackling the small infestations and breeding areas such as Skaha Beach would be the main concern. The planned eradication program for each area was presently being considered by the B.C. Aquatic Weed Committee and the B.C. Interministerial Pesticide Committee.

Dr. P. Newroth and K. Marsden left the meeting at 3:15 p.m.

Pollution
Control
Permit-
City of
Penticton

Pollution Control Permits

A new application for a Pollution Control Permit to discharge effluent from a municipal sewerage system within the City of Penticton into Skaha Lake was distributed to the Board.

The Chairman stated that this application may be placed before the Technical Planning Committee of the Regional District of Okanagan-Similkameen for their comments. He suggested that the comments of the Technical Planning Committee and the Regional Board could be forwarded to the Okanagan Basin Water Board.

Director Colclough suggested that since the Technical Planning Committee and the Pollution Control Branch will be reviewing this application, that it be directly forwarded to the Pollution Control Board. Director Kenyon stated that the Pollution Control Branch will circulate the application to the various resource agencies concerned. The application was merely for the information of the Water Board.

Postill - Day

Res. No.
75/77

That the application for a Pollution Control Permit by the City of Penticton be received.

CARRIED

Other Business

City of
Vernon -
Opening
of D.S.
MacKay
Environ.
Centre

The Chairman congratulated the City of Vernon on the official opening to take place on May 7, of the David S. MacKay Environmental Centre. This project would provide for land disposal of sewerage effluent from both the City of Vernon and the Municipality of Coldstream.

Day - Kenyon

Res. No.
76/77

That a formal letter of congratulations be sent to the City of Vernon on their official opening of the David S. MacKay Environmental Centre.

CARRIED

Director Fleming accepted the congratulations and invited every Director of the Board to be present at the official opening.

C.W.R.A.
Annual
Conference

A program and registration form for the Canadian Water Resources Association 30th Annual Conference to be held June 1, 2, 3, 1977 in Saskatoon was distributed. Application forms for membership in the Canadian Water Resources Association were also available. Board members were asked to pass this information on to corporations or individuals who may be interested.

Aquatic
Weed
Agreement
Signing

The Chairman reported that the signing of the agreement for the Okanagan Basin Aquatic Weed Removal Program would be held this evening (May 5th) at 8:30 p.m. in the City of Kelowna Council Chambers. The Minister of Environment will be attending to sign on behalf of the Province.

The meeting adjourned to "Committee" on a motion by R. Postill
at 3:30 p.m.

CERTIFIED TO BE A TRUE AND CORRECT COPY.

Chairman

Secretary-Manager

MINUTES FROM THE MEETING OF THE COMMITTEE-OF-THE-WHOLE OF THE OKANAGAN BASIN WATER BOARD HELD MAY 5, 1977, 3:30 P.M. OFFICES OF THE REGIONAL DISTRICT OF CENTRAL OKANAGAN, 540 GROVES AVENUE, KELOWNA, B.C

Present

J. Stuart	Chairman	R.D.C.O.
C. Day		R.D.C.O.
L. Dooley		R.D.C.O.
E. Clarke	Alternate	R.D.C.O.
R. Postill		R.D.N.O.
S. Fleming		R.D.N.O.
R. French		R.D.N.O.
F. Colclough		R.D.O.S.
A. Kenyon		R.D.O.S.
K. Boothe		R.D.O.S.
W. Parchomchuk	Secretary-Manager	
D. Denney	Secretary	

Also Present

J. Hindle, Mayor, City of Kelowna

Agreement for an Okanagan Basin Aquatic Weed Removal Program

Aquatic
Weed
Agreement

A letter of May 2, 1977 from Mr. B.E. Marr, Deputy Minister of the Environment, along with the agreement for an Okanagan Basin Aquatic Weed Removal Program were reviewed by the Board. The agreement is attached to and is a part of these minutes.

The Secretary-Manager, in referring to the second paragraph of Mr. Marr's letter concerning interim financing, indicated that there appeared to be some misunderstanding as to payment of interest costs on funds borrowed to purchase materials and equipment. It had been indicated to the Province that interest costs could be claimed by the Water Board even though reimbursement by the Province is made within 90 days.

In responding to Director Boothe's concern as to who would be making the final decision on the type of weed program, reference was made to Paragraph (2. a.i) indicating Provincial responsibility in this regard. It was also indicated that if a local municipality does not want the program it would not have to accept it. Director Fleming indicated there would be consultation before decisions are reached. Director Kenyon felt that individual communities should not be able to scuttle the whole program.

The Secretary-Manager indicated that before the Province could apply herbicides, the procedure requires that each site be reviewed by the B.C. Aquatic Weed Committee and the B.C. Interministerial Pesticide Committee.

Director Fleming felt there should be provisions for control on agricultural and forestry practices to curtail silt loads.

Fleming - Boothe

Res. No.
77/77

That the Chairman be authorized to sign the Agreement for an Okanagan Basin Aquatic Weed Removal Program on behalf of the Okanagan Basin Water Board.

CARRIED

. . .

Director Kenyon enquired if Dr. Newroth would be the Co-ordinator for the Weed Program. The Secretary-Manager replied that Dr. Newroth likely would be the Co-ordinator. The Agreement states that the Water Board shall provide and pay for salaries of a maximum of an average of two staff per annum. The Secretary-Manager indicated that it may be necessary to hire only one staff member at the present time. Director Fleming suggested the Chairman and Secretary-Manager proceed with staff arrangements to co-ordinate the Water Board's part of the program. The Board felt that the agreement provided authorization for the required staff arrangements to be made by the Water Board.

It was indicated that although a letter had been received from the Regional District of Okanagan-Similkameen approving all capital purchases under the aquatic weed control agreement, similar letters were required from the Regional District of North Okanagan and the Regional District of Central Okanagan. It was reported that resolutions to this effect had been passed by the Regional Boards and letters would be forwarded shortly.

Director Kenyon questioned as to what the Water Board members positions were on the use of 2,4-D. Director Day felt the Board did not have the qualifications to make this decision. Most directors indicated they were prepared to support the use of 2,4-D in the manner recommended by the three-man Advisory Committee on the control of Eurasian watermilfoil.

Director Kenyon left the meeting at 4:00 p.m.

Postill - Day

Res. No.
78/77

That the letters from the Regional District of North Okanagan, Central Okanagan, and Okanagan-Similkameen ratifying the Agreement for an Okanagan Basin Aquatic Weed Removal Program be received.

CARRIED

The Chairman suggested a reply to Mr. Marr's letter be forwarded indicating the Water Board's specific request with regard to interim financing. The meeting adjourned on a motion by K. Boothe at 4:10 p.m.

CERTIFIED TO BE A TRUE AND CORRECT COPY.

Chairman

Secretary-Manager

A G R E E M E N T

for

OKANAGAN BASIN AQUATIC WEED REMOVAL PROGRAM

(1) GENERAL

THIS AGREEMENT between the GOVERNMENT OF THE PROVINCE OF BRITISH COLUMBIA represented by the Minister of the Environment and the OKANAGAN BASIN WATER BOARD represented by the Chairman provides for the implementation of an aquatic weed removal program in the Okanagan Basin of British Columbia.

(2) RESPONSIBILITIES

(a) The Government of the Province of British Columbia shall:

(i) assume overall responsibility for the design, co-ordination and implementation of the weed control program in concert with a continuing assessment of the problem and in consideration of local needs as expressed through the Water Board and municipal governments.

(ii) reimburse the Water Board for all costs incurred in connection with program implementation except administration costs as described in Clause 2(b). All equipment and materials purchased will become the property of the Province.

(iii) undertake an information program, including all press releases, to advise the public of planned measures and program progress and effectiveness.

(b) The Okanagan Basin Water Board shall provide and pay for salaries of a maximum of an average of two staff per annum who would provide administrative services toward the program. These services would include: purchases of equipment and materials, awarding and payment of contracts (but not including specifications, inspection and supervision of contracts), hiring of a work force, payroll administration, program accounting, and arranging for local support services. All expenditures under this function, except for salaries and office expenses exclusive of space rental for the two administrative staff, will be fully reimbursed by the Province within 60 to 90 days of being appropriately requisitioned by the Water Board.

Administrative services provided by the Water Board shall apply to the direct weed control operation and not to support programs such as long-term monitoring and research, and mapping.

(3) STEERING COMMITTEE

- (a) Each party to this Agreement shall appoint one member to a joint steering committee.
- (b) The member representing the Okanagan Basin Water Board shall provide technical guidance based on past weed removal experience. This member shall also provide liaison with the administrative functions undertaken by the Water Board.
- (c) The member representing the Minister of the Environment shall advise on program priorities, progress and effectiveness, and, take under advisement matters related to local needs received from the Water Board and municipal governments.

(4) TERM OF AGREEMENT

This Agreement supersedes the March 23, 1976 agreement between the two parties and shall extend from the date of signing to March 31, 1980, except that it may be extended further upon mutual agreement by both parties.

This Agreement shall come into effect on May 5/1977 1977.

In the Presence of

Signed on behalf of the Government of the Province of British Columbia

Patricia Jane Jordan
Witness

Michael
Minister of the Environment

Signed on behalf of the Okanagan Basin Water Board

J. Coleough
Witness

James G. Smith
Chairman

May 5 1977
Date of Agreement

MINUTES FROM THE MEETING OF THE OKANAGAN BASIN WATER BOARD, JUNE 2, 1977, 2:00 P.M. OFFICES OF THE REGIONAL DISTRICT OF CENTRAL OKANAGAN, 540 GROVES AVENUE, KELOWNA, B.C.

Present	J. Stuart	Chairman	R.D.C.O.
	C. Day		R.D.C.O.
	D. Booth	Alternate	R.D.C.O.
	E. Clark	Alternate	R.D.C.O.
	R. Postill		R.D.N.O.
	R. French	Alternate	R.D.N.O.
	F. Colclough		R.D.O.S.
	A. Kenyon		R.D.O.S.
	K. Boothe		R.D.O.S.
	W. Parchomchuk	Secretary-Manager	
	D. Denney	Secretary	

Also Present

S. Buckler, Observer, Peachland
R. Huva, Association of B.C. Irrig. Districts
S. McQuillin, Resident, City of Kelowna
B. Stevens, Secretary to G. Whittaker, MP, Okanagan Boundary
M. Thomson, Coordinator, Implementation Board

Minutes Postill - Boothe

Res. No. 79/77 That the minutes from the meeting of May 5, 1977 be adopted as circulated.

CARRIED

Accounts Regular administrative accounts outstanding totalling \$708.05 for the month ended May 31, 1977 were presented. Joint weed eradication accounts for April, 1977 totalling \$2,976.99 were also presented. The Water Board's share of this amount was \$1,488.49. All future weed eradication accounts will be 100% reimbursed by the Province. A surplus of approximately \$47,000 remains in the joint weed eradication program. This surplus will be applied to the Water Board's share in the new agreement. The chairman estimated it could cost the Water Board approximately \$41,000 for the first year of the new aquatic weed control agreement.

Colclough - Postill

Res. No. 80/77 That the accounts be received as presented.

CARRIED

Correspondence

The following items of correspondence were reviewed.

R.D.C.O., R.D.N.O. 1. A letter of May 20, 1977 from the Regional District of Central Okanagan; and
Purchases: Eradication Program A letter of May 27, 1977 from the Regional District of North Okanagan.

Both letters were approving all purchases which are to be made by the Water Board for the aquatic weed eradication program as outlined in the agreement between the Okanagan Basin Water Board and the Province of British Columbia. A similar letter had been received from the Regional District of Okanagan-Similkameen at an earlier meeting of the Board.

Postill - Day

Res. No. 81/77

That the letters from the Regional District of Central Okanagan and North Okanagan relating to expenditures under the aquatic weed control program be received.

CARRIED

C. Woodward,
.. Topham:
Okanagan
Falls
Proposed
Sanitary
Sewer
System

2. A letter of May 5, 1977 from C.L. Woodward, Assistant Deputy Minister, Department of Municipal Affairs; and

A copy of a letter to the Regional District of Okanagan-Similkameen from H.G. Topham, Executive Director, Financial Management, Department of Municipal Affairs.

The Water Board at their meeting held April 6, 1977 authorized Okanagan Falls to proceed with a referendum for a sanitary sewer system. Mr. Woodward's letter of May 5, 1977 suggested the Okanagan Falls' proposal should be reviewed by the Okanagan Basin Implementation Board, and pertinent details of the proposal should be provided to the Implementation Board.

The Secretary-Manager indicated this information has now been provided to the Implementation Board.

Mr. Topham's letter stated the Ministry gives tentative approval to the project, pending normal procedures at the time a loan authorization by-law is submitted.

Colclough - French

Res. No. 82/77

That the letters from C.L. Woodward and H.G. Topham concerning the proposed sewer system for Okanagan Falls be received.

CARRIED

R.D.N.O.
Septic
Tank
Inspections

3. A letter of May 13, 1977 from the Regional District of North Okanagan.

This letter was in reply to earlier correspondence from the Water Board requesting Regional Districts to examine the possibility of having Building Inspectors inspect septic tank fields and issue permits as required. The Regional Board of the Regional District of North Okanagan has not agreed to have their Building Inspectors issue permits and carry out inspections of septic tanks as they do not feel that they can improve upon the service provided by the North Okanagan Health Unit at this time.

Director Colclough indicated that the Regional Board of the Regional District of Okanagan-Similkameen has agreed to have their building inspectors take over the inspections of septic tank fields. They would consult with the Health Unit if this was required. The Regional District of Central Okanagan was presently reviewing the proposal with the South Okanagan Health Unit and the City of Kelowna.

Postill - French

Res. No.
3/77

That the letter from the Regional District of North Okanagan be received.

CARRIED

In a related item, it was reported that regulations relating to septic tank fields have been referred to the Technical Planning Committee of the Regional District of Central Okanagan.

G.Simmons-
Ground-
water
Survey -
Naramata
Townsite

4. A letter of April 29, 1977 from G.E. Simmons, Chairman, Okanagan Basin Implementation Board.

This letter was in reply to a letter from the Okanagan Basin Water Board supporting a request of the Regional District of Okanagan-Similkameen to have the Okanagan Basin Implementation Board carry out a groundwater survey of the Naramata Townsite. Mr. Simmons indicated that the Implementation Board has no capability under the terms of the Agreement to carry out any program involving groundwater.

Colclough - Kenyon

Res. No.
84/77

That the letter from Mr. Simmons be received.

CARRIED

R.D.N.O.-
Liaison
Committee-
Implemen-
tation
Agreement

5. A letter of May 2, 1977 from the Regional District of North Okanagan.

This letter was in reply to earlier correspondence from the Water Board asking the Regional Districts to discuss and comment on how the liaison committees as suggested under the Okanagan Basin Implementation Agreement could best be established. The Board of the Regional District of North Okanagan agreed to make administrative and technical staff available to the Liaison Committee and agreed that existing staff facilities and committees be used wherever possible in order to avoid duplication.

Director Colclough indicated that the Regional District of Okanagan Similkameen agreed to make staff facilities available through the Technical Planning Committee. He would have a further proposal in this regard later in the meeting.

Day - French

Res. No.
85/77

That the letter from the Regional District of North Okanagan be received.

CARRIED

C. Wood-
ward -
Sewerage
Facilities
Assistance
Formula

6. A letter of May 10, 1977 from Mr. C.L. Woodward, Assistant Deputy Minister, Department of Municipal Affairs.

The letter indicated the sewerage facilities assistance formula as adopted by the Okanagan Basin Water Board on April 6, 1977 has now been approved by the Department of Municipal Affairs. The approval was made subject to the revision of paragraph 3 as follows:

- (3) The formula would be retroactive to 1976. This being the year when funds were first levied and held in reserve for this purpose.

The Secretary-Manager indicated that the next step would be to determine which communities are eligible for funding under this formula. The formula would be retroactive to 1976 for communities which had tertiary treatment in that year. Penticton, Osoyoos, Vernon and Coldstream were the only communities with tertiary treatment to date; consequently, these would be the only ones presently eligible for assistance.

Director Postill presented a resolution relating to financing of tertiary treatment costs, which was adopted during a meeting of the Regional Board of the Regional District of North Okanagan held May 25, 1977. The resolution requested the Provincial and Federal Governments to recognize by special funding programs, the need for additional financial assistance wherever tertiary treatment of sewage is undertaken by any municipality or region.

Postill - Colclough

Res. No.
86/77

That the above resolution adopted by the Regional Board of the Regional District of North Okanagan at their meeting held May 25, 1977 be circulated to all Regional Districts and municipalities within the Okanagan Basin Water Board.

CARRIED

B.C.
Caucus of
Federal
Liberal
Party

Director Colclough indicated the B.C. Caucus of the Federal Liberal Party will be visiting the Okanagan on June 17 and 18. The Board had a copy of a brief relating to financing costs of tertiary treatment facilities. The brief was prepared in anticipation of a submission to the Caucus.

Boothe - Day

Res. No.
87/77

That the executive of the Okanagan Basin Water Board make a formal presentation, concerning financing of Okanagan sewerage facilities, to the B.C. Caucus of the Federal Liberal Party on June 18, 1977.

CARRIED

Snow
Survey,
Lake
Levels

The Secretary-Manager reported that by mid-May most of the snowpack had already been depleted. Depletion of snowpack and peak stream flows were abnormally early. During the months of March and April, Okanagan Lake was kept at a record high level to conserve water. Okanagan Lake was presently at 1123 ft. elevation. The Okanagan River discharge was as low as 30 c.f.s. during May.

Postill - Day

Res. No.
88/77

That the lake level and snow survey report be received.

CARRIED

Other Business

In referring to item 4, S. Buckler enquired as to what effluent Naramata was disposing. Director Colclough replied that there was no sewage plant in Naramata. The groundwater survey was requested to examine the problem of seepage from septic tanks. Since the Okanagan Basin Implementation Board indicated they have no capability under the terms of the agreement to carry out any program involving groundwater, Director Colclough informed that another possibility would be explored.

Organiza-
tion
Chart -
Function
of
Liaison
Committee

Director Colclough presented a proposed organization chart showing a structure for the function of the Liaison Committee. He indicated the Liaison Committee should consist of one member of the Water Board from each Regional District, along with the Secretary-Manager of the Water Board and Mr. Thomson, coordinator of the implementation program. Director Colclough offered to represent the Regional District of Okanagan-Similkameen. Mr. Thomson felt that the Liaison Committee should represent the Okanagan Basin Water Board rather than Technical Planning Committees. He felt that members of this committee should have some continuity from year to year. The Secretary-Manager, in referring to letters patent, indicated the Liaison Committee as presently proposed deviated somewhat from the Technical Liaison Committee described in Letters Patent. However, this should not pose a major problem. The proposed Liaison Committee would be closely linked to Technical Planning Committees.

Director Postill expressed concern over uncertainties as to which agency would finally have the authority in determining whether or not a particular application for sewage treatment was necessary. The Chairman replied that it was his understanding that individual communities would apply to the Okanagan Basin Water Board through the Implementation Board. Mr. Thomson indicated that the Water Board and the Implementation Board would review the applications and C.M.H.C., the Department of Municipal Affairs, and the Pollution Control Branch would have the final say.

The Secretary-Manager indicated the Implementation Board would likely review sewage programs to see that they fit into the overall scheme in Basin-wide waste treatment. They are then likely to make recommendations to C.M.H.C. and the Department of Municipal Affairs relative to financing.

The Chairman indicated the authority of the Implementation Board was mainly in dealing with recommendations of the Okanagan Basin Study. The Water Board is not a signor of the Implementation Agreement and its role was likely to be advisory.

Mr. Thomson informed that the overall plan for sewage treatment facilities in the Okanagan Basin is presently in the draft stage and was of interest to the Implementation Board. It would be up to the Water Board to deal with each community individually. It was the Chairman's understanding that the Technical Committee would advise the Water Board on suggested sewage works.

Director Clark enquired as to the composition of the Technical Planning Committee. Director Colclough replied that Technical Planning Committee members would be the same as presently existing, however, other technical experts could be called upon by these committees as required. Recommendations relating to local problems only would be given attention by the local Technical Planning Committee.

Director Kenyon left the Board room at 3:10 p.m. He resumed his seat at the Board room table at 3:11 p.m.

Director Clark enquired concerning the Implementation Task Force. Mr. Thomson explained that the Task Force would be available to the Liaison Committee if they wished to obtain public preferences on alternatives.

Director Clark, in referring to the Liaison Committee enquired why M. Thomson was noted as being an ex-officio member and W. Par-chomchuk was not. It was agreed the Secretary-Manager would not be voting on this Committee in any case.

Postill - Kenyon

Res. No.
89/77

That the draft organization chart showing the proposed structure for the function of the Liaison Committee be received and forwarded to the three Regional Districts for comment.

CARRIED

Directors Kenyon and Boothe enquired if the Water Board was agreeable with the report of the three man Advisory Committee, and would the Board take a stand on the use of 2,4-D. The Chairman replied that the outline of the proposed weed control program was still to be received, and that it would be the local Municipalities and the Regional Districts that would have to make a decision in accepting or rejecting the program for their own particular area. The Chairman noted that the use of 2,4-D has to be approved by the B.C. Interministerial Pesticide Committee before a program can be established. The program and the use of 2,4-D was now Provincial responsibility.

The meeting adjourned to "Committee" on a motion by R. Postill at 3:35 p.m.

CERTIFIED TO BE TRUE & CORRECT.

Chairman

Secretary-Manager

MINUTES FROM THE MEETING OF THE COMMITTEE-OF-THE-WHOLE OF THE OKANAGAN BASIN WATER BOARD, JUNE 2, 1977, 2:00 P.M., OFFICES OF THE REGIONAL DISTRICT OF CENTRAL OKANAGAN, 540 GROVES AVENUE, KELOWNA, B.C.

esent	J. Stuart	Chairman	R.D.C.O.
	C. Day		R.D.C.O.
	D. Booth	Alternate	R.D.C.O.
	E. Clark	Alternate	R.D.C.O.
	R. Postill		R.D.N.O.
	R. French	Alternate	R.D.N.O.
	F. Colclough		R.D.O.S.
	A. Kenyon		R.D.O.S.
	K. Boothe		R.D.O.S.
	W. Parchomchuk	Secretary-Manager	

Weed
Eradica-
tion
Accounts

Chairman Stuart reported that all weed eradication accounts will now be reimbursed 100% by the Province. In the past, the Chairman has signed each invoice prior to claims being made on the Province. He asked whether the Board still wished to have these invoices reviewed even though they were technically Provincial invoices which would be paid by the Board and reimbursed by the Province.

Director Kenyon felt the Board offices should be aware of the invoices, and be alert for discrepancies. It was the consensus of the Board that invoices should still be reviewed even though the Province will be reimbursing the full amount.

Equipment
ownership:
Joint weed
Eradica-
tion
Program

The Secretary-Manager reported that the Water Board owned several pieces of weed eradication equipment jointly with the Province. Since the Province is now responsible for the entire weed eradication program it was suggested that the Province assume ownership of this equipment for \$1.00, except for an especially equipped Bombardier unit which will be useful in working on the lake margin. The Board was asked to consider retaining the Bombardier. The Chairman suggested that a list of equipment along with recommendations for its disposal be presented to the next Board meeting.

The meeting adjourned at 4:00 p.m.

CERTIFIED TO BE TRUE & CORRECT.

Chairman

Secretary-Manager

MINUTES FROM THE MEETING OF THE OKANAGAN BASIN WATER BOARD, JULY 14, 1977, 2:00 P.M. OFFICES OF THE REGIONAL DISTRICT OF CENTRAL OKANAGAN 540 GROVES AVENUE, KELOWNA, B.C.

Present	E. Postill	Vice-Chairman	R.D.N.O.
	S. Fleming		R.D.N.O.
	W. Gordon		R.D.N.O.
	C. Day		R.D.C.O.
	L. Dooley		R.D.C.O.
	D. Booth	Alternate	R.D.C.O.
	F. Colclough		R.D.O.S.
	A. Kenyon		R.D.O.S.
	K. Boothe		R.D.O.S.
	W. Parchomchuk	Secretary-Manager	
	D. Denney	Secretary	

Also Present

T. Carter, Association of B.C. Irrig. Districts
 J. Hindle, Mayor, City of Kelowna
 G. Punnett, Information Officer, Implementation Board
 B. Stevens, Secretary to G. Whittaker, MP, Ok. Boundary
 M. Thomson, Coordinator, Implementation Program

Vice-Chairman, R. Postill chaired the meeting.

Minutes

Day - Gordon

Res. No. 90/77 That the minutes from the meeting of June 2, 1977 be adopted as circulated.

CARRIED

Accounts

Regular administrative accounts outstanding to July 14, 1977 totalling \$514.27 were presented.

Kenyon - Colclough

Res. No. 91/77 That the accounts be received as presented.

CARRIED

Correspondence

Letters in support of R.D.N.O. Resolution re: funds for tertiary treatment

1. Letters from the Regional District of Central Okanagan, the Regional District of Okanagan-Similkameen, Municipalities of Peachland, Kelowna, Spallumcheen, Penticton, Summerland, and Armstrong.

The letters were in support of a resolution which was adopted by the Regional District of North Okanagan requesting the Provincial and Federal Governments to recognize by special funding programs, the need for additional financial assistance wherever tertiary treatment of sewage is undertaken by any municipality or region. The Water Board had circulated this resolution to all Regional Districts and municipalities within the Okanagan Basin.

Director Fleming indicated that with this endorsement the resolution would be presented to the U.B.C.M. convention in September.

City of
Penticton
Re: Grant
Application-
Sewerage
Facilities
Assistance

2. A letter dated June 23, 1977 from the City of Penticton was received.

The Okanagan Basin Water Board Sewerage Facilities Assistance Formula has been approved by the Department of Municipal Affairs. The City of Penticton was therefore requesting payment of \$11,034.80 by the Okanagan Basin Water Board for the year 1976. The City enclosed a copy of their grant application, made under the Sewerage Facilities Assistance Act, along with proof of payment. A separate letter certifying that the City has been treating all effluent to a tertiary level was also enclosed.

The Secretary-Manager indicated that since the Water Board Finance Formula was contingent upon tertiary treatment, certification of tertiary treatment was requested. Penticton is the only City to qualify retroactively to 1976. Vernon, Coldstream and Osoyoos would qualify for 1977 funding.

Director Colclough mentioned that the Liaison Committee had met prior to the Water Board, and it was the consensus of the Committee that municipalities be requested to obtain certification of tertiary treatment from the Pollution Control Branch rather than from the municipality itself.

Colclough - Day

Res. No.
92/77

That the City of Penticton be requested to obtain certification from the Pollution Control Branch indicating that the City has been treating all effluent to a tertiary level with at least 80% phosphorous removal since 1976.

CARRIED

Fleming - Dooley

Res. No.
93/77

That when verification of tertiary treatment has been received from the Pollution Control Branch, the Chairman and Secretary-Manager be authorized to forward payment of \$11,034.80 for the year 1976 to the City of Penticton.

CARRIED

R.D.C.O.
Re: Liaison
Committee,
T.P.C.

3. A letter dated June 27, 1977 from the Regional District of Central Okanagan was received.

The following resolutions were adopted by the Regional Board at its meeting held June 20, 1977:

1. "That the Regional District of Central Okanagan recommend to the Okanagan Basin Water Board that the only votes on the Liaison Committee be held by the three Regional District Directors."
2. "That the Regional Board recommend to the Okanagan Basin Water Board that rather than adopting existing Technical Planning Committees of the Regional Districts, we request the 3 Technical Planning Committees to designate those

members who they regard as being expertise on the subject matters, including Municipal Engineers and Planners, to serve on a special Technical Planning Committee to the Okanagan Basin Water Board."

The letter also stated that Director C. Day was appointed as representative on the Liaison Committee with Director L. Dooley being appointed as alternate.

Director Fleming, in referring to the second resolution of the Regional District of Central Okanagan, expressed concern over the danger and confusion too many committees would present. Director Postill did not wish to see another Committee appointed.

Director Colclough felt that the local Technical Planning Committees could be utilized where local matters are concerned, and where valley-wide matters are concerned, a technical committee representing the Basin could meet in Kelowna.

Director Dooley indicated that most of the matters that the TPC will be concerned with will be valley-wide, and that it was the intention of the Regional District that if one TPC was established it would expedite the process.

Director Day felt that the Liaison Committee should have the power to appoint a sub-committee utilizing existing Technical Planning Committees as well as Municipal Engineers and Planners when needed for specific recommendations only. He indicated that he would bring this matter back to the Regional Board.

Day - Fleming

Res. No.
94/77

That the letter from the Regional District of Central Okanagan be received and a reply be forwarded explaining the coordination of technical advise under the Liaison Committee.

CARRIED

Dooley - Gordon

Res. No.
95/77

That a letter be written to the Regional District of Central Okanagan informing that the Liaison Committee is an Advisory Committee to the Okanagan Basin Implementation Board and voting is not expected.

CARRIED

Mayor J. Hindle entered the meeting at 2:25 p.m.

Fleming - Colclough

Res. No.
96/77

That the Liaison Committee as appointed be endorsed by the Water Board and authorized to act in its name.

CARRIED

B.E. Marr
Re: Reim-
sement
of financing
costs -
aquatic
weed removal
program

4. A letter dated June 1, 1977 from B.E. Marr was received.

The letter was in regard to reimbursement of financing costs under the aquatic weed removal program. Mr. Marr suggested that members of the Steering Committee review the projection of program expenditures and other factors to arrive at an estimate of interest charges. Following this, they could propose an equitable cost sharing for joint consideration.

The Secretary-Manager explained that at the time the agreement was drawn it was difficult to determine the amount of interest costs; therefore provision was made to recover excessive costs. He suggested that interest charges be reviewed at the end of the year and appropriate reimbursement be negotiated.

Director Boothe enquired concerning the Steering Committee. The Secretary-Manager indicated the Steering Committee is referred to in the agreement for an aquatic weed removal program. The Committee would be composed of a member representing the Okanagan Basin Water Board and a member representing the Ministry of Environment. The Water Board has not appointed a member to the Steering Committee.

Colclough - Dooley

Res. No.
97/77

That the Secretary-Manager be appointed as the Okanagan Basin Water Board representative to the Steering Committee.

CARRIED

Mayor Hindle enquired if the costs of the program could be obtained as the program proceeds. The Secretary-Manager replied that a monthly summary of costs processed through the Water Board could be obtained if requested, but these did not include all the costs incurred. This information could be obtained from the Province.

The Secretary-Manager reported that considerable expenditure has been made to date on the program and very few acres of weeds have been eradicated. He stated that this slowness can be attributed to 2,4-D monitoring requirements and special requirements of other agencies. He felt that the program would have to be changed drastically if significant progress was to be made next season. Harvesting equipment was still not in full production even though the season is well advanced.

Kenyon - Boothe

Res. No.
98/77

That a letter be written to the Minister of Environment urging him to double-shift weed eradication equipment in order to take advantage of the season and to cover as much acreage as possible.

CARRIED

Dooley - Day

Res. No.
99/77

That the matter of interest charges under the Aquatic Weed Removal Program be reviewed at year end when more accurate figures would be available.

CARRIED

G. Simmons
Re: O.K.
lls Waste
treatment

5. A letter dated July 7, 1977 from G. Simmons, Chairman, Implementation Board was received.

Mr. Simmons indicated the proposal for waste treatment at Okanagan Falls was reviewed by the Okanagan Basin Implementation Board. The Implementation Board noted that the proposals for Okanagan Falls as set out in the engineering report, envisage treatment by use of an oxidation ditch process, with disposal either by way of spray irrigation, infiltration, or a combination of both. Providing effluent disposal is carried out as so described, the Board considers that the proposals would conform with the overall interest of the Federal-Provincial Agreement which is to, inter alia, encourage the development of waste treatment systems which would lead to the improvement of water quality in the Okanagan River system.

The letter also noted that proposals for waste treatment by communities in the Okanagan Valley are to be a part of the plan to be developed by the regional authority, (Okanagan Basin Water Board), as indicated in the Implementation Agreement.

The Secretary-Manager indicated that he had been working on this plan with a member of Environment Canada and that it was now a matter of editing and typing the report.

Disposal of
aquatic
weed
removal
equipment

A list of equipment that has been acquired by the Province and the Okanagan Basin Water Board since 1973 was presented to the Board. This equipment included:

- 1 used H650 Aquamarine Harvester,
- 1 used 1970 Ford LN750 truck equipped with metal box and hoist,
- 1 used transport trailer for movement of harvester, and
- 1 used Bombardier.

It was recommended that exclusive ownership of the above equipment except for the used Bombardier, be assumed by the Province at a nominal consideration of \$1.00. The City of Kelowna have used the Bombardier unit in the past, and would be interested in having the equipment retained.

Director Kenyon suggested that all the equipment, including the Bombardier, be disposed of to the Province for a nominal consideration of \$1.00.

Boothe - Kenyon

Res. No.
100/77

That the Provincial Government assume ownership of the used aquamarine harvester, 1970 Ford truck, transport trailer, and the used Bombardier for a nominal cost of \$1.00.

CARRIED

Applications
for Pollu-
tion Control
Permits:

Applications for Pollution Control Permits:

The following applications for Pollution Control Permits were reviewed:

- a) Application from Kenneth Earl Horsley to discharge typical domestic refuse at a level "C" Sanitary Landfill Site located 8.5 miles east of Enderby. The average daily discharge would be 18 cubic yards. This application has received approval of the Technical Planning Committee and full support of the Regional Board of the Regional District of North Okanagan.

- b) Application from Andrew Timothy Burstyk to discharge household garbage, trade waste, and industrial waste at a landfill site located 4 miles northwest of Grindrod. The discharge would be 90 cubic yards per week. This application has received approval of the Technical Planning Committee and full support of the Regional Board.
- c) Application by North Valley Lands to discharge hogfuel at a Sanitary Landfill site located 4 miles south of Armstrong. The average daily discharge would be 250 cubic yards per day. This application has been strenuously opposed by the Regional Board of the Regional District of North Okanagan. A letter indicating the reasons for opposition was enclosed.

The Secretary-Manager indicated that the applications dealt with refuse rather than effluent disposal and water contamination was not considered to be a major concern.

Fleming - Gordon

Res. No.
101/77

That the Okanagan Basin Water Board support the recommendations of the Regional Board of the Regional District of North Okanagan concerning the applications for pollution control permits by Earl Horsley, Andrew Burstyk and North Valley Lands.

CARRIED

Other Business

Aquatic
Weed
Program
1977 - 78

A report dated May 19, 1977 prepared by Dr. P. Newroth, Project Manager, Aquatic Plant Management Program, concerning the aquatic weed management program, Okanagan Basin for 1977 - 1978 was presented to the Board for their information.

Boothe - Day

That the report dated May 19, 1977 from Dr. Newroth concerning the aquatic weed management program be received and filed.

CARRIED

Utilization
of waste-
water on
crops for
human con-
sumption

Director Fleming referred to the City of Vernon wastewater spray irrigation project. He indicated that at present only forage crops were permitted for spray irrigation. He felt there should be experimental programs undertaken soon for growing of crops for human consumption using recycled water. Land utilization for this type of experimentation should begin now to gain knowledge for the future. Federal and Provincial Health and Environment agencies should become heavily involved, but so far have not taken a positive position.

Director Boothe suggested he would like to see the Regional District of North Okanagan come up with a policy in this regard which the Water Board could adopt. Director Fleming thought the Regional District's comment could be obtained.

Inventory
of crown
land ad-
jacent to
Okanagan
Lake
shorelines

Director Colclough informed that the Liaison Committee, at their meeting which preceded the Water Board meeting, recommended that the Secretary-Manager write to the Lands Department for an inventory of crown land that could be used for recreation purposes along the shoreline of the Okanagan Mainstem lakes. Director Boothe questioned if this was a function of the Okanagan Basin Water Board. The Chairman indicated that this was one of the 45 recommendations contained in the Okanagan Basin Implementation Agreement.

Day - Colclough

Res. No.
103/77

That the recommendation of the Liaison Committee to obtain an inventory of crown land bordering the shoreline of the Okanagan Mainstem lakes be ratified.

CARRIED

Mayor Hindle stated that he had a number of requests from citizens who have had their property damaged by storm action. He asked concerning which agency would be involved. The Secretary-Manager suggested Mr. Huva at the Lands Branch be contacted.

Next
Meeting

The Chairman mentioned that the August meeting of the Water Board will likely not be held. Director Fleming indicated that this was a procedure in the past, and that an August meeting should be left to the call of the Chair, with the next scheduled meeting to be held in September.

The meeting adjourned to "committee" at 3:10 p.m.

CERTIFIED TO BE A TRUE AND CORRECT COPY.

Vice-Chairman

Secretary-Manager

MINUTES FROM THE MEETING OF THE COMMITTEE-OF-THE-WHOLE OF THE OKANAGAN BASIN WATER BOARD, JULY 14, 1977, 3:20 P.M. OFFICES OF THE REGIONAL DISTRICT OF CENTRAL OKANAGAN

Present

R. Postill	Vice-Chairman	R.D.N.O.
S. Fleming		R.D.N.O.
W. Gordon		R.D.N.O.
C. Day		R.D.C.O.
L. Dooley		R.D.C.O.
D. Booth	Alternate	R.D.C.O.
F. Colclough		R.D.O.S.
A. Kenyon		R.D.O.S.
K. Boothe		R.D.O.S.
W. Parchomchuk	Secretary-Manager	

The Secretary-Manager reported he did not feel additional staff would be required as had been expected to meet the Water Board commitments under the Okanagan Basin Aquatic Weed Removal Program. The agreement indicates two staff should be hired. The additional work load could be handled by existing staff; however, he recommended that the office secretary be awarded a salary increase in view of increased responsibility and workload. This matter had previously been discussed with the Chairman. A review of the Regional District of Central Okanagan job classification manual indicated a reclassification to a higher salary scale was applicable.

The consensus was that if a reclassification was applicable, then the salary increase should be awarded. The increase would amount to \$54.00 per month.

Day - Colclough

Res. No.
104/77

That a \$54.00 increase be awarded to the office secretary on the basis of reclassification.

CARRIED

Publicity
Re: 2,4-D

Director Fleming expressed concern regarding the manner in which the press had been reported on the use of 2,4-D. He indicated use of 2,4-D so far was on an experimental basis and only about 12 acres have been treated. Environmental groups had given the impression that large amounts had been used on large acreages. He felt this erroneous publicity was damaging.

Director Kenyon felt it important now to show the monitoring results to the public, indicating the safety of 2,4-D.

Director Colclough indicated that Dr. Clark of the South Okanagan Health Unit had asked for an exchange of monitoring results on the current herbicide application for control of aquatic weeds. It was indicated that the Province was doing all the monitoring and had already made the information available to the Press. The results could be obtained very easily from the Water Resources Service.

The meeting adjourned at 3:40 p.m.

CERTIFIED TO BE A TRUE AND CORRECT COPY.

Vice-Chairman

Secretary-Manager

MINUTES FROM THE MEETING OF THE OKANAGAN BASIN WATER BOARD HELD
SEPTEMBER 8, 1977, 2:00 P.M. OFFICES OF THE REGIONAL DISTRICT OF
CENTRAL OKANAGAN, 540 GROVES AVENUE, KELOWNA, B.C.

Present

J. Stuart	Chairman	R.D.C.O.
E. Clark	Alternate	R.D.C.O.
S. Fleming		R.D.N.O.
W. Gordon		R.D.N.O.
F. Colclough		R.D.O.S.
A. Kenyon		R.D.O.S.
K. Boothe		R.D.O.S.
W. Parchomchuk	Secretary-Manager	
D. Denney	Secretary	

Also Present

S. Buckler, Observer, Peachland
R. Huva, Association of B.C. Irrigation Districts
M. Thomson, Co-ordinator, Implementation Program

Mayor John Hindle expressed his regrets at being absent.

Minutes

Boothe - Kenyon

Res. No.
105/77

That the minutes from the meeting of July 14, 1977 be adopted as circulated.

CARRIED

Accounts

Regular administrative accounts outstanding to August 31, 1977 totalling \$566.45 were presented.

Kenyon - Boothe

Res. No.
106/77

That the regular accounts outstanding totalling \$566.45 be approved as submitted.

CARRIED

Weed eradication accounts for May, June and July, 1977 totalling \$126,097.33 were presented. To date, \$63,659.46 has been re-im-bursed in full by the Province, leaving \$62,437.98 for July accounts outstanding. The Province has been reasonably prompt in making payments. The Chairman reported that all the invoices had been checked and signed.

Clark - Kenyon

Res. No.
107/77

That the weed eradication accounts be received as submitted.

CARRIED

Director Kenyon, in referring to the high cost of vehicle rental noted in the summary of accounts, suggested the Province purchase these vehicles rather than pay a high monthly rental.

The Chairman suggested meeting with administrators of the aquatic weed program to explore the program planned for the following year. More emphasis must be placed on aquatic weed clearing rather than research.

Disposal
of
Bombardier

The Secretary-Manager recalled that at the last meeting of the Board it was recommended the Provincial Government assume ownership of the Bombardier, along with the used harvester, 1970 Ford truck and trailer. Since the City of Kelowna has expressed interest in having the Bombardier retained, the Province has suggested that the Bombardier be transferred directly to the City of Kelowna rather than through the Province first. Director Kenyon felt that other communities should have the same opportunity of acquiring the Bombardier as the City of Kelowna. Director Fleming suggested the Water Board reconfirm their original decision to dispose of the Bombardier, used harvester, 1970 Ford truck and trailer, to the Province. The Province could then place the Bombardier in the community where it could be used to the best advantage.

Fleming - Kenyon

Res. No.
108/77

That the Okanagan Basin Water Board reconfirm the original resolution to have the Province assume ownership of the used aquamarine harvester, 1970 Ford truck, transport trailer, and the used Bombardier, and that the Province determine the most advantageous placement of the Bombardier.

2 opposed, motion was

CARRIED

Correspondence:

B. Marr:
Aquatic
Plant
Management
Program

1. A letter of August 5, 1977 from B.E. Marr, Deputy Minister of the Environment was received.

This letter was in reply to a letter from the Okanagan Basin Water Board which had expressed concern regarding slow progress with the aquatic weed removal component of the Aquatic Plant Management Program. The Board had requested double-shifting of machines. Mr. Marr indicated that the mechanical operation staff complement has been gradually increased and that the existing rototiller has been operated on a double-shift for some time. He suggested that the program manager, Dr. Newroth meet with Mr. Parchomchuk to discuss details for improvements in the program.

Director Clark enquired whether the meeting as suggested by Mr. Marr had taken place. The Secretary-Manager indicated that he had recently met with Dr. Newroth and Dr. Buchanan. He expressed concern for the need to place more emphasis on the operations phase rather than the research phase of the program.

Clark - Colclough

Res. No.
109/77

That the letter from B.E. Marr, Deputy Minister of the Environment, dated August 5, 1977 be received.

CARRIED

G. Simmons:
Federal
Participa-
tion -
Aquatic
Weed
Problem

2. A letter dated August 12, 1977 from G.E. Simmons, Chairman Okanagan Basin Implementation Board was received.

This letter was in reply to earlier correspondence from the Board. The Water Board felt, that because of the milfoil problem now becoming international in scope, there was a need for participation by Environment Canada. The Federal Minister of Environment had indicated that this participation could be channeled through the Okanagan Basin Implementation Board.

Mr. Simmons requested the Okanagan Basin Water Board to clarify and indicate where it might be considered that the Implementation Board could initiate any actions which would appropriately enhance or further the resolution of the weed problem under the longer-term plans for improvement of water quality.

The Secretary-Manager explained that the Federal Government could become involved in the areas of downstream drift, fragment barriers and research. Director Fleming expressed disappointment in the comprehensibility of the letter.

Clark - Fleming

Res. No.
110/77

That a reply be sent to the Okanagan Basin Implementation Board requesting initiation of participation by Fisheries and Environment Canada in the aquatic plant management program, as this problem has national and international implications.

CARRIED

Dir. of
Land
Management:
Inventory
of Crown
Land

3. A letter of August 26, 1977 from A.F. Smith, Assistant Director of Land Management, Ministry of Environment, was received.

This letter was in reply to the Board's request for an inventory of all crown land bordering the shoreline of Okanagan mainstem lakes. Reference was in regard to recommendation # 43, contained within the Okanagan Basin Implementation Agreement. The Water Board also wished to be informed whether or not the Land Management Branch has developed a firm policy relative to this recommendation. Mr. Smith requested the Water Board to forward names of the Okanagan mainstem lakes of most importance. Upon receipt of this list, the inventory will be commenced and from time to time, the information passed on to the Water Board.

With regard to the prohibition of the alienation of Crown owned lands on the Okanagan Lakes, Mr. Smith advised that the Land Management Branch is not prepared to establish a moratorium, but any applications considered will be on the basis of merit following receipt of a field report, which would include any recommendations from the Water Board.

In referring to the requested inventory, Director Fleming suggested that all the lakes are of equal importance and priority.

Fleming - Boothe

Res. No.
111/77

That a reply be sent to the Land Management Branch indicating that all of the Okanagan mainstem lakes are of equal importance in regard to an inventory of crown owned land, and that the Board wished to receive inventory information on crown land bordering all the lakes.

CARRIED

R.D.N.O.
Appointment
of R. Postill
to
Liaison
Committee

4. A letter of July 22, 1977 from the Regional District of North Okanagan appointing R. Postill to the Okanagan Basin Water Board Liaison Committee with R.P. French as alternate was received.

Fleming - Colclough

Res. No.
112/77

That the letter of July 22, 1977 from the Regional District of North Okanagan be received and filed.

CARRIED

Summary
Report:
Proposed
Waste
Treatment
Facilities,
Okanagan
Basin

The summary report of proposed waste treatment and collection facilities in the Okanagan Basin prepared by the Secretary Manager and Ken Cooper of Environment Canada had been forwarded to the Water Board members for their perusal.

Director Boothe enquired how the projected costs for Summerland were derived. The Secretary-Manager explained that since no feasibility studies have been done in Summerland, and since sewerage facilities are not planned for the near future, figures were derived using feasibility studies for similar areas as comparisons. Costs for Summerland, Naramata and Peachland are shown separately at the end of the report.

Director Clark, in referring to notes of the Liaison Committee noted that the report would be circulated to Regional Districts and Municipalities for further recommendations. She suggested that municipalities indicate if additional figures could be useful in the report.

The Secretary-Manager explained the summary report was only a draft for long term planning purposes only. The Chairman concurred that figures for most of the Municipalities are estimates. CMHC and the Province (Sewerage Facilities Assistance Act) also required these figures to plan future grants. The Implementation Board would review costs to see if they are excessive and could recommend additional funding if necessary. Municipalities required to construct sewage collection systems and tertiary treatment systems all in one phase will face a high cost burden.

Director Fleming indicated that the resolution adopted by the Regional District of North Okanagan, and other communities of the Basin, requesting the Provincial and Federal Governments to recognize by special funding programs the need for additional financial assistance wherever tertiary treatment of sewage is undertaken, would be debated at the U.B.C.M. convention to be held September 21 - 23. He indicated that the summary report showing costs of proposed waste treatment and collection facilities in the Okanagan Basin was a valuable supporting document for the convention. The communities of the Basin should unite during the convention in support of the resolution for additional funding.

Kenyon - Fleming

Res. No.
113/77

That the summary of proposed waste treatment and collection facilities in the Okanagan Basin be distributed to municipalities and Regional Districts within the Basin, along with a covering letter explaining that figures are estimates only, and that municipalities forward any comments or updated figures which may be available.

CARRIED

It was agreed this information should be ready for presentation to the Water Board at the first meeting in November.

Reserve
Fund

Okanagan Sewerage Facilities Assistance Reserve Fund

A one page outline showing the sewerage facilities reserve fund receipts, investments, and projected disbursements for 1977 was reviewed by the Board. The Secretary-Manager indicated that the Reserve Fund to August 1977 totalled \$940,410. Funds have been invested according to provisions of the Municipal Act in the Credit Union and Credit Foncier Trust Company. Total payments out of the formula required to December 31, 1977 will be \$81,196.75. If a municipality wishes to receive payment from the Water Board, evidence of tertiary treatment and Provincial payment is required.

Boothe - Colclough

Res. No.
113/77

That the report on the sewerage facilities assistance reserve fund investments and projected disbursements during 1977 be received.

CARRIED

The Chairman reported that debenture investments were not exceedingly long term. Once the summary report indicating funding required is finalized, a better assessment of long term investment possibilities could be made.

The Chairman drew attention to a letter of September 2, 1977 from C. Woodward authorizing payment to the City of Penticton for sewerage facilities assistance for 1976. This authorization had previously been requested by the Water Board.

Colclough - Fleming

Res. No.
114/77

That the letter of September 2, 1977 from C. Woodward be received and filed.

CARRIED

Other Business

Vernon Cr.
Construc-
tion near
Kal Lake
outlet

Director Fleming reported major work being undertaken in Vernon Creek near the outlet of Kalamalka Lake. He thought that the Board should look into this.

Aquatic
Weeds:
Summerland
Yacht Basin

Director Boothe reported the Yacht Club Basin in Summerland was heavily infested with milfoil. The Secretary-Manager suggested that a specific request by letter from Summerland for weed eradication in that area be made directly to the Province or through the Summerland Water Board.

Director Fleming enquired as to the total acreage of weeds treated with 2,4-D to date. The Secretary-Manager replied that approximately 23 acres have been treated to date. The total surface area of Okanagan Mainstem Lakes is approximately 100,000 acres. Director Fleming drew attention to the relatively small area of water affected by 2,4-D use.

Liaison
Committee

Director Colclough noted that the Liaison Committee had met on August 24th. The Regional District Planners would complete Exhibit A which would indicate what is now required to complete implementation of recommendations relating to local government. He suggested that the terms of reference for the Liaison Committee be forwarded to the Water Board.

Feasibility
Costs:
Mission Cr.
Dams

Director Colclough referred to an information bulletin dated August 22, 1977 from Graham Punnett, Information Officer, Okanagan Basin Implementation Program. The Bulletin indicated a \$20,000 contract to determine the feasibility and costs of developing new storage in the Mission Creek watershed has been awarded to Thurber Consultants Ltd., of Victoria. Mr. Colclough suggested that the Technical Planning Committee of the Regional District of Central Okanagan would be interested in any developments on Mission Creek.

Director Colclough also pointed out the high per capita annual cost of sewerage facilities to communities such as Okanagan Landing and Osoyoos. Perhaps alternatives which could reduce these costs should be researched. Director Fleming felt there was a need to arrive at a median per capita annual cost to each community to justify subsidization.

Marking
Weed Beds

Director Kenyon submitted a letter from Mrs. D. Anderson of Penticton. She urged that areas infested by milfoil be clearly marked to prevent boaters encroaching into them. The Secretary-Manager would encourage the Manager of the weed control program to mark aquatic weed beds.

The Secretary-Manager mentioned that the Technical Planning Committee of the Regional District of Central Okanagan had met at an earlier date to review the proposed Okanagan Basin Septic Tank Regulations. The Water Board was still waiting for the recommendations from this meeting. Director Colclough suggested that this information from the meeting be relayed to the Regional District of Okanagan-Similkameen before their meeting on the 29th.

The meeting adjourned on a motion by S. Fleming, seconded by A. Kenyon at 3:20 p.m.

CARRIED

CERTIFIED TO BE TRUE & CORRECT:

Chairman

Secretary-Manager