

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

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Present:

J.H. Stuart R.D.C.O.  
W.J.C. Kane R.D.C.O.  
E. Lamont R.D.C.O.  
Mayor D. Hammill, Official Observer, City of Kelowna

F. Colclough, Chairman R.D.O.S.  
K.A. Kenyon R.D.O.S.  
K. Blagborne R.D.O.S.

R.W. Postill R.D.N.O.  
R.R. Neil R.D.N.C.  
M. Kirton R.D.N.O.

Staff

W. Parchomchuk Secretary-Manager  
J. Elliot Secretary

Also Present

T. Carter, Association of B.C. Irrigation Districts  
B. Nilsson, Okanagan Labour Council  
S. Buckler, Observer, Peachland  
A. Saddleman, Councillor, Okanagan Indian Band  
W. Boyd, Observer, Okanagan Labour Council  
L. Young, Chairman, Okanagan Basin Implementation Public Task Force  
G. Punnett, Executive Secretary, Okanagan Basin Implementation Program  
G. Armour, Project Manager, Aquatic Plant Management Program

Minutes  
meeting of  
Jan. 11/79:

Postill/Neil

THAT the minutes of the meeting of January 11, 1979 be adopted as circulated.

Res. No.  
19/79

CARRIED

Adminis-  
trative  
accounts:

Administrative accounts outstanding to March 8, 1979 totalling \$879.76 were presented for approval.

Kenyon/Kirton

Res. No.  
20/79

THAT accounts totalling \$879.76 be approved.

CARRIED

Aquatic  
weed  
program  
accounts:

Accounts under the Provincial aquatic weed control program were presented for the months of December, 1978 (\$66,350.32) and January, 1979 (\$50,134.47).

Kirton/Postill

Res. No.  
21/79

THAT aquatic weed program accounts for the months of December, 1978 and January, 1979 totalling \$116,484.79 be approved.

CARRIED

letter -  
B.E. Marr  
re: expense  
outside  
Basin:

A letter from Mr. B.E. Marr, Deputy Minister, Ministry of Environment, was presented. Mr. Marr was requesting the Water Board to process salary and travel expenses incurred outside the Basin for Water Board employees under the Aquatic Weed Program. This outside travel would occur occasionally and would not be too great a burden to the Water Board.

Postill/Kane

Res. No.  
22/79

THAT the request to have travel and salary expenses incurred by Water Board employees outside the Basin, processed through the Okanagan Basin Water Board office, be approved.

CARRIED

Applications  
for sewerage  
facilities  
assistance  
grants:

Application for sewerage facilities assistance grants under the Okanagan Basin Water Board cost sharing formula for the period ending December 31, 1978 were made by the following communities:

City of Penticton	\$29,624.80
City of Vernon	24,183.46
Village of Osoyoos	9,019.38
District of Coldstream	17,779.65
	<hr/>
TOTAL:	\$80,607.29
	<hr/> <hr/>

Verifying correspondence had been received.

Postill/Kirton

Res. No.  
23/79

THAT grants totalling \$80,607.29 for the second half of 1978 under the sewerage facilities assistance formula be approved for the City of Penticton, City of Vernon, Village of Osoyoos, and District of Coldstream.

CARRIED

A summary indicating each individual municipality and the total amount of grants paid to each was received for information.

A breakdown of the \$1,033,915.00 investments in the sewerage facilities reserve fund was presented to the Water Board. Director Kenyon suggested it may be possible to take a penalty on present long term investments and reinvest at the presently higher interest rates. The Secretary-Manager agreed, but pointed out that the certificates would be maturing shortly and it may be better to wait until maturity before reinvesting. In any event, all certificates would be reviewed to ascertain any advantages of premature reinvestment. The summary was received for information.

Amendment -  
sewerage  
facilities  
assistance  
formula:

A letter of January 26, 1979 from T.F. Moore, Executive Director, Ministry of Municipal Affairs had been mailed to the directors prior to the meeting. Mr. Moore had indicated that a resolution was required by the three regional districts approving a change in Paragraph 1 and 4, of the sewerage facilities assistance formula, to read 2.5 mills rather than 3 mills, and additional wording to be added to Paragraph 3 to make this amendment to the sewerage facilities assistance formula applicable starting in 1978.

The three regional districts had responded to an earlier request from the Okanagan Basin Water Board and had submitted resolutions to this effect. With a resolution from the Water Board, the proposed formula amendment would be advanced for consideration and approval to the Inspector of Municipalities.

Postill/Lamont

Res. No.  
24/79

THAT Paragraphs 1 and 4 of the Okanagan Basin Water Board Sewerage Facilities Assistance Formula be amended to read 2.5 mills in place of 3 mills

AND THAT Paragraph 3 be amended by adding the sentence "That the amendment to 2.5 mills be effective in 1978".

CARRIED

(J. Stuart entered meeting 2:15 p.m.)

L. Young  
resource  
management  
concerns:  
Implemen-  
tation Task  
Force:

Mrs. Lorna Young, Chairman, Okanagan Basin Implementation Public Task Force, was in attendance at the meeting. She briefly outlined the purpose and some concerns of the Public Task Force; the first being a lack of coordinated resource management. A resolution of the Okanagan Basin Implementation Public Task Force, concerning a new resource management administrative region encompassing the Okanagan, Similkameen, and Kettle Watersheds, was discussed.

The Secretary-Manager suggested there was a problem in resource management decisions which are made from Kamloops. There should be a resource management body locally. This body could manage and coordinate resources such as fisheries, forestry, mining, water recreation, and agricultural land use from a local viewpoint.

The Task Force was requesting the Water Board's support of this resolution. The resolution was tabled to Committee.

Mrs. Young reported that during a recent joint meeting of the Okanagan Basin Implementation Board and the Okanagan Basin Implementation Public Task Force it had been recommended that the Task Force relate their concerns directly to the responsible agencies. She continued that the main concern of the Task Force was the lack of progress in implementation of recommendations under the Okanagan Basin Study agreement; some of which were the direct responsibility of the Okanagan Basin Water Board.

There was some discussion of the difficulties involved in implementing these recommendations. Many practicalities were realized; i.e. it was difficult to clearly define the role of the Water Board when it's parent body, the regional districts, were uncertain of their function; the Water Board had been given responsibility to implement (Letter Patent, 1975) but was not given authority to implement, but only to advise; along with responsibility of implementation comes responsibility to pay, and the Water Board's present budget could not expand to accept further financial burdens. Cost sharing of sewerage facilities was of particular concern.

Mrs. Young was aware of the implications but maintained that recommendations made under the Okanagan Basin Study agreement were to be completed by 1980 and time was running out. The Secretary-Manager indicated that approximately 50% of the recommendations were implemented and nearly all were being worked on. Mrs. Young asked if the Board was willing to seek authority to implement, by requesting an amendment to Letters Patent, or were they willing to relinquish their responsibility to another agency who would be in an immediate position to implement with authority.

Director Kane noted that the Regional District of Central Okanagan had supported the regional resource management concept and suggested the Water Board also support this principal.

Kenyon/Neil

Res. No.  
25/79

THAT further discussion be tabled to Committee.

CARRIED

(Kane and Lamont contrary)

CORRESPONDENCE:

Katalego  
Developments  
Ltd:

1. Letter of February 2, 1979 from Mr. D.W. Dew-Jones,  
Pollution Control Branch re: Katalego Developments  
Ltd.

The Secretary-Manager reported that he had visited the site and found it to be very enclosed and isolated. It was felt that this was a land use question and should be handled by the Regional District of Okanagan-Similkameen. There was some discussion as to exactly what was being asked of the Okanagan Basin Water Board. The Board felt it was not in a position to make comment on the possibility of long term land degradation without more technical data and review.

W. Kane felt the Board should reply to the basic issue raised in the letter rather than referring to other agencies, as this would be time consuming.

Kenyon/Lamont

Res. No.  
26/79

THAT the letter be received and referred to the Regional District of Okanagan-Similkameen

CARRIED

(Kane contrary)

Lowering of  
culvert  
which supplies  
Mr. Parsons'  
lagoon:

- 2(a) Letter of January 31, 1979 from Mr. J.W. Zaporozan,  
Assistant District Highways Manager re: lowering of  
culvert which supplies Mr. Parsons' lagoon, East  
Skaha Lake Road.

It was indicated that the lagoon would be lowered sometime around April 1, 1979 as requested by the Okanagan Basin Water Board.

Lowering of  
Skaha Lake:

- 2 (b) Letter of February 1, 1979 from P.M. Brady, Director,  
Water Investigations Branch re: lowering of Skaha Lake

Skaha Lake will not be lowered this spring as benefits for weed control would be minimum. In addition, installation of intake culverts downstream required low flows. Mr. Brady had indicated that Skaha Lake will be maintained at a lower elevation of 1108.1 feet during the summer after the culvert supplying Mr. Parsons' lagoon is lowered. This is in accordance with a Water Board request of April 5, 1978.

Kenyon/Neil

Res. No.  
27/79

THAT the letters be received and Mr. P.M. Brady be thanked for his cooperation.

AND FURTHER THAT a letter be sent to Mr. P.M. Brady stressing the Okanagan Basin Water Board's continued full support for a winter lowering of Skaha Lake for aquatic weed control.

- 5 -

proposed  
1979 aquatic  
weed  
harvesting  
schedule:

3. Correspondence from various communities within the Basin, relating to the proposed 1979 aquatic weed harvesting schedule, had been mailed to the Directors prior to the meeting.

The Communities were generally in favour of the proposed harvesting schedule for 1979. Osoyoos and Peachland were requesting more time and additional areas to be cut. The requests have been reviewed.

Postill/Stuart

Res. No.  
28/79

THAT letters from communities, commenting on proposed harvesting schedule for 1979, be received and filed.

CARRIED

P.M. Brady-  
discontinued  
use of 2,4-D:

4. Letter of March 2, 1979 from P.M. Brady, Director, Water Investigations Branch, re: report on "Aquatic Plant Management Program Proposals for 1979" and the most recent review by the U.B.C. Advisory Committee. The large scale use of 2,4-D is to be discontinued in the mainstem lakes, except in Wood and Kalamalka Lakes.

On behalf of the City of Penticton, Director Kenyon indicated that there was great disappointment in the decision to discontinue the use of 2,4-D. He felt the program was going backwards and the decision was more political than technical. A permit for 2,4-D application at the Penticton marina had already been granted. As it would be difficult to harvest in this area the City of Penticton strongly urged that the Minister reconsider his decision and that 2,4-D be used in the Penticton marina and other similar safe spots.

Kenyon/Blagborne

Res. No.  
29/79

THAT the Okanagan Basin Water Board urge the Ministry of Environment to reconsider their decision regarding the use of 2,4-D and that the herbicide be used in the Penticton marina and other safe spots of this nature.

CARRIED

(Kane opposed)

herbicide  
permits -  
Kal-Wood  
Lakes:

5. Letter of February 26, 1979 from P.M. Brady, Director, Water Investigations Branch re: herbicide use permits for Kalamalka and Wood Lakes. The present policy of the Ministry of Environment required that agreement of the Okanagan Basin Water Board was necessary prior to execution of these permits.

Neil/Postill

Res. No.  
30/79

THAT the Water Board not object to the use of herbicides in Kalamalka and Wood Lakes.

CARRIED

LIAISON COMMITTEE REPORT:

forest  
management  
& agricul-  
tural pra-  
ctises:

The Secretary-Manager reported briefly that the Liaison Committee had met on February 21, 1979 and had reviewed those remaining recommendations to be implemented under the Okanagan Basin Agreement.

The Liaison Committee had suggested a seminar be held to exchange information and ideas on forest management and agricultural practises as they relate to water management. Such a seminar would be held in October or November and would be sponsored by the Okanagan Basin Implementation Board and the Okanagan Basin Water Board.

Stuart/Blagborne

Res. No.  
31/79

THAT the Okanagan Basin Water Board jointly sponsor with the Okanagan Basin Implementation Board an information seminar on forest management and agricultural practises to be held in the fall of this year.

CARRIED

waste  
treatment:

The Secretary-Manager reported that several communities still required implementation of sewerage facilities. These included Okanagan Landing, Winfield, Armstrong, Oliver, Westbank, and Kelowna. The Committee had agreed that representatives of the Water Board, Implementation Office, Pollution Control Branch, and engineering consultants would meet with each community to discuss further plans for implementation of waste treatment or collection facilities.

boat  
launching:

An inventory of all boat launch facilities had been completed by the Parks Branch, Kamloops. The use and number of boat launching facilities in the Okanagan Basin would be indicated in a report to be available shortly. When the report was complete, a meeting would be held with the regional district planners to determine what facilities would be required in the Basin. A suggestion was to have a major well serviced launch in each major population centre.

boating  
regulations:

The Secretary-Manager reported that correspondence had been forwarded to regional districts and communities in April, 1978 and December, 1978 asking that boating regulations be implemented as required. There had been very little response. The Committee had suggested having a meeting with the three regional district planners asking them to draft a set of suggested boating regulations for their regional areas. A further meeting would then be held with the planners to ensure regulations are consistent throughout the Basin. A consistency throughout the Basin was thought to be very advantageous in the enforcement of these regulations by the R.C.M.P.

Some discussion occurred as to the necessity of Basin wide boating regulations. It was indicated that some municipalities had existing restrictions in some marked areas that worked satisfactorily. There was a serious need for more stringent boating regulations dealing with speed, restrictions of motor vessels, and skiing in swimming areas.

Lamont/Blagborne

Res. No.  
32/79

THAT the Okanagan Basin Water Board endorse the need for consistent boating regulations in the Okanagan Basin.

CARRIED

Information  
seminar:  
March 13-  
14/79:

The Secretary-Manager reported that an information seminar sponsored by the Okanagan Basin Implementation Office was to be held March 13 and 14, 1979. This public seminar would deal with progress of implementation and would provide the opportunity to discuss and comment on various aspects of the program. An agenda had been circulated and the directors were invited to attend.

Application  
for  
pollution  
control  
permits:

The following applications for pollution control permits were referred to the Board:

1. Application by the Corporation of the Township of Spallumcheen for a permit to discharge effluent from a dairy processing plant located at the City of Armstrong. The amount of effluent to be discharged would be a maximum daily discharge of 3,000 gallons of typical liquid whey which would be deodorized before being discharged. The effluent would be discharged to gravel roads requiring dust abatement. The Regional District of North Okanagan had approved the application.

Stuart/Postill

Res. No.  
33/79

THAT the Okanagan Basin Water Board have no objection to the application for a pollution control permit by the Corporation of the Township of Spallumcheen.

CARRIED

2. Application by Mabel Lake Shingle Limited for a permit to discharge refuse from a cedar shake and shingle mill 3 blocks south of the Enderby Ranger Station. The refuse would be discharged as necessary for burner ash and immediately following controlled open burning. The total annual discharge would be 25 cu. yds. The Regional District of North Okanagan had approved the application.

Postill/Kirton

Res. No.  
34/79

THAT the Okanagan Basin Water Board have no objection to the application for a pollution control permit by Mabel Lake Shingle Limited.

CARRIED

OTHER BUSINESS:

resolution:  
re: waste  
treatment  
& water  
quality

Director Kenyon presented the following resolution for the Board's consideration and approval:

WHEREAS the Pollution Control Branch has maintained pollution standards for all sources of pollution, specifically municipal sewage in British Columbia;

AND WHEREAS the Okanagan Basin Study laid out specific requirements for treating pollution to acceptable standards for maintaining and improving water quality in the Okanagan Basin;

AND WHEREAS cost sharing formulas were agreed upon by the four levels of government to finance the needed works in order to achieve these standards;

- 8 -

THEREFORE be it resolved that the Okanagan Basin Water Board, recognizing the above high standards of attaining and maintaining the desired quality of water in the Okanagan Basin, urge the Provincial Government to confirm these standards as desired levels of treatment, and should extraordinary treatment be required that all additional costs be paid by Provincial or Federal funding; and that the Provincial Government charge the Okanagan Basin Water Board with the responsibility of implementing necessary programs in cooperation with the various municipal areas where pollution is a concern in order that the above standards can be attained.

Kenyon/Blagborne

Res. No.  
35/79

THAT the above resolution be adopted and forwarded to the Minister of Environment, the Premier, MLAs, regional districts, and municipalities.

CARRIED

snowpack &  
lake level:

The Secretary-Manager reported on the latest snowpack recording (for March 1, 1979). The snowpack was about 80% of average for the whole watershed. Several stations were much below average; for example Silver Star had only 62% of average, and Mount Kobau 30% of average.

The lake was being maintained at a higher level. It was currently .7 feet above average.

available  
reports:

The Secretary-Manager reported that several reports as follows had been received. These may be of interest to the Board:

1. A Report to Update Okanagan Basin Study Demographic and Economic Information
2. Nutrient Loadings - Okanagan Basin Progress Report Okanagan River at Penticton Preliminary Survey and Station Selection
3. Proposals for Guidelines for Watershed Management of Crown Lands Used as Community Water Supplies

The Water Board adjourned to Committee at 3:45

CERTIFIED TO BE TRUE & CORRECT

\_\_\_\_\_  
Chairman

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



MINUTES COMMITTEE-OF-THE-WHOLE OKANAGAN BASIN WATER BOARD,  
MARCH 8, 1979, 4:00 p.m., OFFICES OF THE REGIONAL DISTRICT OF  
CENTRAL OKANAGAN

Present:

J.H. Stuart R.D.C.O.  
E. Lamont R.D.C.O.

Mayor D. Hammill, Official Observer, City of Kelowna

K.A. Kenyon R.D.O.S.  
K. Blagborne R.D.O.S.  
F. Colclough, Chairman R.D.O.S.

R.W. Postill R.D.N.O.  
M. Kirton R.D.N.O.  
R.R. Neil R.D.N.O.

Staff

W. Parchomchuk Secretary-Manager

Additional  
funding -  
sewerage  
works:

J. Stuart reported on possibilities of additional financing that may be available from the Province for sewerage works. He indicated there were several instances within the Province of B.C. where a special fund had been established under a high cost grant program for water systems. The administrator of the City of Kelowna could provide further details.

Although communities presently receive grants for capital costs, operating costs were presently entirely absorbed by each community. He suggested communities of the Basin work together towards exploring possibilities of additional financing. He indicated it would be necessary to get further details on this proposal and suggested that a meeting be arranged with the cities and regional districts along with the mayor and administrator of the City of Kelowna. A delegation may have to go to Victoria to explore this further.

Mayor Hammill, City of Kelowna, would be asked to call together a meeting of the mayors and regional district chairman throughout the Basin to explore details concerning possibilities of additional funding for sewerage facilities.

Stuart/Postill

Res. No.  
36/79

THAT Mayor Hammill call a meeting of all the mayors and regional district chairmen within the Basin to review with the City of Kelowna administrator, additional possibilities of funding for sewerage facilities.

CARRIED

Financing  
aquatic  
weed  
harvesting  
program:

The Secretary-Manager reported that indications from the Province were that once the joint agreement between the Water Board and the Province concerning aquatic weed harvesting expires in 1980, the Province will approach the Water Board to take over the aquatic weed harvesting program on a cost sharing basis whereby the Province pays 75% of costs and the Water Board 25% of costs. The Water Board may be able to submit a proposal to the Province this year that would hopefully reduce any cost sharing by the Water Board, possibly to the point where the Water Board would not have to pay for any portion of the harvesting program. This could be done by totalling costs of the aquatic weed harvesting program this year incurred by the Province and then submitting to the Province a proposal that the Water Board would manage the entire harvesting program for a figure of say, 75% of the costs that was incurred by the Province. The Water Board could successfully run the entire program for 75% of the Provincial costs and thereby not incur any expense. The 75% grant from the Province would cover the entire cost. It would be advantageous to submit this proposal to the Province early.

- 2 -

The Board did not wish to submit a proposal to the Province at this time; and it was suggested that a firm figure be secured as to the total costs incurred by the Province for the aquatic weed harvesting schedule. This figure would then be used to negotiate a cost sharing formula with the Province at a future date.

Regional  
resource  
management  
area for  
the Okanagan  
Basin:

The Chairman indicated that the discussion earlier in the meeting following the presentation of Lorna Young, required further review as to whether or not a regional resource management area, specifically for the Okanagan Basin, was advantageous.

Director Stuart indicated the Regional District of Central Okanagan did not pass the resolution in its entirety but approved the concept of a regional resource management area for the Okanagan Basin as being favorable. Director Lamont indicated that the concept of a regional resource management unit for the Okanagan Basin would be complimentary to the Okanagan Basin Water Board which covered watershed management for local government in the entire Basin. Director Kenyon reported this resolution had been tabled in the Regional District of Okanagan-Similkameen. Director Postill indicated that it had also been tabled in the Regional District of North Okanagan.

Kenyon/Postill

Res. No.  
37/79

THAT the resolution relating to the regional resource management area for the Okanagan Basin be tabled until a further meeting.

CARRIED

The meeting adjourned at 4:20 p.m.

CERTIFIED TO BE TRUE & CORRECT

\_\_\_\_\_  
Chairman

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

MINUTES FROM THE OKANAGAN BASIN WATER BOARD MEETING OF MAY 3, 1979, 2:00 p.m., OFFICES OF THE REGIONAL DISTRICT OF CENTRAL OKANAGAN, 540 GROVES AVENUE, KELOWNA, B.C.

Present:

E. Lamont R.D.C.O.  
D. Booth Alternate R.D.C.O.

F. Colclough Chairman R.D.O.S.  
K.A. Kenyon R.D.O.S.  
K. Blagborne R.D.O.S.

M. Kirton R.D.N.O.  
R. Neil R.D.N.O.

Staff

W. Parchomchuk Secretary-Manager  
J. Elliot Secretary

Also Present

S. Buckler, Observer, Peachland  
B. Nilsson, Okanagan Labour Council  
G. Punnett, Okanagan Basin Implementation Program  
Press

Minutes -  
meeting of  
March 8/79:

Neil/Blagborne

THAT the minutes of the meeting of March 8, 1979 be adopted as circulated.

Res. No.  
38/79

CARRIED

OLD BUSINESS

Okanagan  
Basin  
Agreement -  
Implemen-  
tation:

Chairman F. Colclough summarized the status of the 44 recommendations of the Okanagan Basin Implementation Agreement saying that of the 23 involving the Water Board 11 were essentially complete. The remaining 12 involved other agencies as well, in some instances, but all were being worked on. He felt the progress of implementation was satisfactory and was confident all recommendations would be complete when the Agreement terminated in 1980. This information was presented in response to concerns raised at the last meeting dealing with the progress of implementation. Mr. Colclough expressed concern that policies of the Province relating to effluent treatment were not clearly defined and this presently impaired and delayed decision making for municipalities.

Collection  
facilities  
urban areas  
near lakes:

Director Kenyon asked if the Water Board could require sewerage collection facilities for areas other than specifically mentioned in the Okanagan Basin Implementation Agreement. He was concerned about possible pollution along Skaha Lake; particularly from urbanized areas such as Kaledan and Skaha Estates. Director Colclough indicated that in theory, if recommendations under the Agreement were implemented all aspects of pollution would be under control. The Secretary-Manager mentioned that Letters Patent and the Implementation Agreement permitted the Board to recommend policies on waste treatment where required. The Water Board could make recommendation to the Okanagan Basin Implementation Board, and the Pollution Control Branch.

Kenyon/Lamont

Res. No.  
39/79

THAT the Okanagan Basin Water Board recommend to the Pollution Control Branch and the Okanagan Basin Implementation Board that a study be done of the Kaledan-Skaha Estates area to determine the necessity of implementing a sewerage system.

CARRIED

Adminis-  
trative  
accounts:

Administrative accounts outstanding to May 3, 1979 totalling \$732.03 were presented for approval.

Blagborne/Kirton

Res. No.  
40/79

THAT accounts totalling \$732.03 be approved.

CARRIED

Aquatic  
weed program  
accounts:

Accounts under the Provincial aquatic weed control program were presented for the months of February, 1979 (\$47,642.55) and March, 1979 (\$48,260.49).

Booth/Lamont

Res. No.  
41/79

THAT aquatic weed program accounts for the months of February, 1979 (\$47,642.55) and March, 1979 (\$48,260.49) be approved.

CARRIED

Application  
for sewerage  
facilities  
assistance  
grant-Vernon:

An amended application had been submitted by the City of Vernon for \$7,709.42 under the Sewerage Facilities Assistance Reserve Fund for the second half of 1978. Verifying correspondence had been received.

Neil/Booth

Res. No.  
42/79

THAT the grant for \$7,709.42 under the Sewerage Facilities Assistance Formula be approved for the City of Vernon for the second half of 1978, as amended.

CARRIED

Financial  
statements  
to Dec. 31/78

Audited financial statements for the year ended December 31, 1978 had been mailed prior to the meeting.

Neil/Kenyon

Res. No.  
43/79

THAT the financial statements for the year ended December 31, 1978 be accepted as circulated.

CARRIED

CORRESPONDENCE

. Woodward-  
amendments  
to OBWB  
sewerage  
facilities  
assistance  
formula:

1. Letter from Mr. C.H.L. Woodward, Deputy Inspector of Municipalities, Ministry of Municipal Affairs, March 29, 1979 re: amendments to Okanagan Basin Water Board Sewerage Facilities Assistance Formula.

The Water Board had requested that changes be made to the Sewerage Facilities Assistance Formula to read 2.5 mills in place of 3 mills; and Paragraph 3 to read "that the amendment to 2.5 mills be effective in 1978". Resolutions requesting the above changes had been submitted by the Regional Districts and the Okanagan Basin Water Board.

Mr. Woodward indicated that the requested amendments to the Sewerage Facilities Assistance Formula had been approved.

Booth/Kirton

Res. No.  
44/79

THAT the letter from Mr. C.H.L. Woodward relating to the Sewerage Facilities Assistance Formula be received and filed.

CARRIED

H. Curtis re-  
appeal hearing  
Penticton  
permit:

2. Letter from the Honorable H.A. Curtis, Minister of Provincial Secretary and Government Services, April 13, 1979 re: appeal hearing Pollution Control Board Permit P.E. 4818 - City of Penticton.

The Okanagan Basin Water Board had requested attendance during any appeal hearings that Cabinet may be holding relative to the City of Penticton Pollution Control Permit. The Board's request was referred to the Honorable H. Curtis, Provincial Secretary. Mr. Curtis indicated arrangements have been made to provide the Water Board with copies of all submissions in this regard and assured that provision will be made for a representative of the Board to be present at this hearing.

Kenyon/Neil

Res. No.  
45/79

THAT the letter of April 3, 1979 from the Honorable H.A. Curtis, be received and filed.

CARRIED

Rafe Mair -  
re: effluent  
quality  
policies &  
treatment  
cost -  
Okanagan  
Basin:

- 3 (a) Letter from the Honorable K. Rafe Mair, Minister of Environment, April 12, 1979 re: effluent quality standards and treatment costs in the Okanagan Basin.

A resolution passed at the March 8, 1979 Water Board meeting, relating to water quality policies had been forwarded to the Minister of Environment, the Premier, MLAs, regional districts and municipalities. The resolution was requesting the Provincial Government to confirm waste treatment standards in the Okanagan Basin.

Mr. Mair indicated he did not feel he was in a position to comment at this time, as the Penticton pollution control permit is presently being appealed, and although the resolution did not deal specifically with Penticton, he wished to wait the outcome of any appeal hearings. He did however, support the decision of the former Minister of Environment as stated in a news release of December 9, 1977.

- (b) Letter from Mr. W.R. Bennett, Premier of British Columbia, April 27, 1979.

Mr. Bennett supported the position of K. Rafe Mair, Minister of Environment and had no further comment.

- (c) Correspondence from regional districts and municipalities within the Basin, relating to the resolution on effluent quality policies had also been received.

All replies, except for the Village of Osoyoos, supported the resolution. Osoyoos felt it could not support this resolution as it does not refer to current B.C. Government policy and disposal of sewage effluent to land.

Kirton/Kenyon

Res. No.  
46/79

THAT letters from the Honorable K. Rafe Mair, Minister of Environment; W.R. Bennet, Premier of British Columbia; and regional districts and municipalities within the Basin, relating to a resolution passed and forwarded by the Okanagan Basin Water Board on effluent quality policies, be received and filed.

CARRIED

Rafe Mair re:  
decision on  
use of 2,4-D  
in Penticton  
marina:

4. Letter from the Honorable K. Rafe Mair, Minister of Environment, March 28, 1979 re: decision on the use of 2,4-D in the Penticton marina.

The Water Board had written Mr. Mair, asking him to reconsider his decision not to use 2,4-D in the Penticton marina. Mr. Mair advised he could not justify proceeding with herbicide treatment because of high cost, localized benefit, and the use of 2,4-D for short term cosmetic purposes. He added, however that should the Water Board or City of Penticton obtain a herbicide permit, the Ministry would provide advice and equipment to treat the Penticton marina.

Director Kenyon indicated the City of Penticton had made application for a herbicide permit for the marina. Director Blagborne added the District of Summerland had applied for a permit also. Neither municipality had received a reply.

Kenyon/Neil

Res. No.  
47/79

THAT the letter of March 28, 1979 from the Honorable K. Rafe Mair, Minister of Environment, be received and filed.

CARRIED

H. Blattner  
re: Okanagan  
Resource  
Management  
region:

5. Letter from Mr. Hans Blattner, Chairman of the North Okanagan Union Board of Health, April 20, 1979 re: proposed Okanagan Resource Management Region.

The North Okanagan Union Board of Health fully supported the proposed resource management region that could manage Okanagan resources from a local viewpoint. Such a body could serve the best interest of the social, economic, and resource development of the Okanagan area. The Secretary-Manager reported the Regional Districts of North and Central Okanagan, local MLAs and the Honorable K. Rafe Mair had indicated their support or interest in this proposal.

Director Neil felt if a resource management office is established for the Okanagan area, that local resource managers should be on the committee. Employees should be intimate with the area they would be serving. Director Lamont agreed, and added employees should be technically knowledgeable of Okanagan resources.

Neil/Lamont

Res. No.  
48/79

THAT the proposed Okanagan resource management committee be supported by the Okanagan Basin Water Board provided that resident resource managers of the Okanagan be appointed to the Committee.

CARRIED

Adjourned for coffee at 2:55 p.m.  
Reconvened at 3:05 p.m.

K. Stewart  
re: boating  
restriction  
regulations:

6. Letter from Mr. Ken Stewart, Boating Program Coordinator, Ministry of Lands, Parks & Housing, April 24, 1979 re: boating restriction regulations.

Chairman F. Colclough had met with Mr. Stewart on April 10, 1979 when it was agreed that Mr. Stewart's office would process applications for boating restrictions on the Main Valley and Headwater Lakes. Mr. Stewart assured the Board that all applications for restrictions, received from the various municipalities will be consistent with each other. He added that under the new proposed schedule to the boating restriction regulations it would be possible to regulate the size of the engines used on a particular waterway. This would be easier to enforce than speed restrictions.

Neil/Blagborne

Res. No.  
49/79

THAT the letter from Mr. Ken Stewart, Boating Program Coordinator, April 29, 1979 be received and filed.

CARRIED

The Secretary-Manager brought to the attention of the Directors an "Okanagan Basin Boat Launch Inventory" report that had been prepared by the Parks Branch and was available from all regional district offices.

Draft  
recommen-  
dations re:  
septic tank  
sewage  
disposal  
OK Basin:

Report - Draft Recommendations for Septic Tank Sewage Disposal in the Okanagan Basin

Draft recommendations for septic tank effluent disposal along with a cover letter of April 18, 1979 from Dr. M.R. Smart, Chairman of the Task Force on Septic regulations, had been circulated prior to the meeting. An article entitled "Public Management Makes Septic System Viable" was also presented for information.

Dr. Smart indicated that the Water Board had appointed a task force to assist in implementing Recommendation 31 of the Canada-British Columbia-Okanagan Basin Implementation Agreement last year. This task force was requesting the Water Board to review and comment on the proposed recommendations and then forward same to the regional districts and municipalities within the Basin, for their input. All comments should be returned to the Water Board office before May 30, 1979. If no comment has been received by that date the Task Force will assume the Okanagan Basin Water Board, regional districts, and municipalities are in complete agreement with the proposed recommendations.

The Secretary-Manager reviewed the draft, pointing out that the table including the three variables depth to water table, percolation rate, and horizontal distance was the key to the regulations. Horizontal separation from water was increased where percolation rates were high and the depth to water table shallow. Use of the 3 variables along with outlined alternatives provided flexibility while still greatly reducing nutrient loadings from septic tanks in unfavorable conditions near water. There was no need for further technical review as municipal engineers, planners, Ministry of Agriculture, Pollution Control Branch and Health personnel had already provided technical assistance.

A short comment on the draft recommendations, written by D. Vest, P. Engineer, City of Vernon, was presented to the Board for information by Director Neil.

Neil/Kirton

Res. No.  
50/79

THAT the letter from Dr. M.R. Smart, Chairman, Task Force on Septic Tank Disposal Regulations, April 18, 1979 and attached "Draft Recommendations for Septic Tank Sewage Disposal in the Okanagan Basin" be forwarded with a covering letter from the Okanagan Basin Water Board, to all regional districts and municipalities within the Basin for their review and comment. Comments should be received by the Water Board office before May 30, 1979.

CARRIED

Lamont/Blagborne

Res. No.  
51/79

THAT the Okanagan Basin Water Board support in principle the "Draft Recommendations for Septic Tank Sewage Disposal in the Okanagan Basin" as presented.

CARRIED

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OTHER BUSINESS

Director Kenyon enquired as to the status of the "Jennens' Weed Machine". It was indicated there was no further progress or information at this time.

The meeting adjourned at 3:20 p.m.

CERTIFIED TO BE TRUE & CORRECT

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Chairman

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Secretary-Manager



MINUTES FROM THE OKANAGAN BASIN WATER BOARD MEETING OF JULY 5, 1979  
2:00 p.m., OFFICES OF THE REGIONAL DISTRICT OF CENTRAL OKANAGAN,  
540 GROVES AVENUE, KELOWNA, B.C.

Present: J. Stuart R.D.C.O.  
W.J.C. Kane R.D.C.O.  
F. Colclough Chairman R.D.O.S.  
K.A. Kenyon R.D.O.S.  
K. Blagborne R.D.O.S.  
R.W. Postill R.D.N.O.  
M. Kirton R.D.N.O.  
H. Powell Alternate R.D.N.O.

Staff

W. Parchomchuk Secretary-Manager  
J. Elliot Secretary

Also Present

M. Thomson, Okanagan Basin Implementation office  
T. Carter, Association of B.C. Irrigation Districts  
S. Buckler, District of Peachland  
G. Stevens, City of Kelowna  
B. Lakevold, City of Kelowna  
G. Armour, Water Investigations Branch  
M. Maxnuk, Water Investigations Branch  
B. Nilsson, Okanagan Labour Council  
Press

The Chairman asked for one minutes silence in memory of the late Director, Mayor Neil.

letter, A letter of May 29, 1979 from the City of Vernon indicated acting  
City of Mayor Sigrid-Ann Thors had been appointed, temporarily, as the  
Vernon: City's representative on the Water Board.

Director Postill indicated the Regional District of North Okanagan would be appointing a director to the Water Board to replace Mayor Neil. Chairman Colclough expressed appreciation for Mr. Neil's contribution to the Water Board. He had been a dedicated director and would be missed by all.

Postill/Kirton

Res. No. THAT the letter of May 29, 1979 from the City of Vernon be  
52/79 received and filed.

CARRIED

Minutes, meeting of  
May 3/79:

Postill/Kirton

Res. No. THAT the minutes of the meeting of May 3, 1979 be adopted  
53/79 as circulated.

CARRIED

Adminis- Administrative  
trative accounts:

Administrative accounts outstanding to July 5, 1979 totalling \$1,567.96 were presented.

Kirton/Blagborne

Res. No. THAT accounts totalling \$1,567.96 be approved.  
54/79

CARRIED

Aquatic  
weed  
control  
program  
accounts:

Accounts under the Provincial Aquatic Weed Control Program were presented for the months of April, 1979 (\$43,891.15) and May, 1979 (\$37,554.72).

Stuart/Kenyon

Res. No.  
55/79

THAT aquatic weed program accounts for the months of April, 1979 (\$43,891.15) and May, 1979 (\$37,554.72) be approved.

CARRIED

CORRESPONDENCE

G. Cross-  
appeal  
hearing  
Penticton  
pollution  
control  
permit:

1. Letter from Mr. Gerald H. Cross, Deputy Provincial Secretary, Ministry of the Provincial Secretary & Travel Industry, June 18, 1979 re: appeal hearing to be held July 13, 1979 for City of Penticton Pollution Control Permit.

Mr. Cross had provided background information which outlined the history of the permit. The Water Board was invited to attend the hearing on July 13, 1979 as an observer, however, brief comment may be allowed to aid the Ministry in making a decision.

Although the Board would not be directly involved as an appellant it was felt results of the hearing may set a standard for waste treatment in the Okanagan Basin which would definitely affect and involve the Water Board. Change of effluent quality policies and treatment costs would affect the existing finance formula.

Director Kenyon would make arrangements if the City of Penticton wished a Water Board representative to attend the hearing.

Kirton/Blagborne

Res. No.  
56/79

THAT the letter of June 18, 1979 from Mr. Gerald H. Cross be received and filed.

CARRIED

B.E. Marr-  
monitoring  
at Kaleden,  
Skaha  
Estates:

2(a) Letter from Mr. B.E. Marr, Deputy Minister, Ministry of Environment, June 13, 1979 re: Monitoring at Kaleden and Skaha Estates to determine the necessity for sewerage systems.

The Board had requested, during the last meeting, that such a study be done. Mr. Marr had forwarded the Water Board's request to the Pollution Control Branch who would decide if additional monitoring could be worked into their program.

A. Harrison  
re - study  
on septic  
tank  
systems in  
the OK  
Basin:

2(b) Letter from Mr. A.T. Harrison, Administrator, Regional District of Central Okanagan, May 10, 1979 re: impact of septic tank systems on Okanagan Basin.

The Regional District of Central Okanagan was requesting comments relative to a proposal by the South Okanagan-Similkameen Union Board of Health for a study on the impact of septic tank systems on soils, groundwater and the lake chain in the Okanagan Basin. They felt the Provincial Government should be involved as well as municipalities and other regional districts in the Basin.

L. Miles-  
e:  
Pollution  
of Osoyoos  
Lake:

2(c) Letter from Mr. L.A. Miles, Administrator, Village of Osoyoos, May 11, 1979 re: rural areas outside the Village of Osoyoos that may require sewerage systems.

The Village of Osoyoos was concerned with the large number of rural urban areas on Osoyoos Lake on septic tank systems. It was felt collection systems were required to reduce pollution of Lake Osoyoos.

The Board noted there has already been a request made to the Province for septic tank monitoring in Kaleden and Skaha Estates. Pursual of this suggestion should continue. The proposal by the Health Unit may be costly and monitoring too widespread. It was therefore suggested that the Ministry of Environment be urged to initiate monitoring immediately at specific locations such as at Kaleden and Skaha Estates.

Postill/Blagborne

Res. No.  
57/79

THAT the Okanagan Basin Water Board urge immediate monitoring by the Ministry of Environment, at Kaleden and Skaha Estates to determine any septic tank seepage, and that other agencies be consulted as well.

CARRIED

Urban areas near Osoyoos could also be included in the monitoring program.

Stuart/Postill

Res. No.  
58/79

THAT a letter be forwarded to the three regional districts informing them of the Board's decision with respect to the request by the South Okanagan-Similkameen Union Board of Health.

CARRIED

Postill/Blagborne

Res. No.  
59/79

THAT the letter of May 11, 1979 from the Village of Osoyoos be received and filed.

CARRIED

LIAISON COMMITTEE REPORT

Kelowna  
waste  
management  
program:

Mr. B. Lakevold, Director of Engineering and Mr. G. Stevens, Pollution Control Superintendent, City of Kelowna were in attendance at the meeting to provide information and answer questions on Kelowna's wastewater management program. Copies of a report entitled "Kelowna Wastewater Management & Reclamation Program Highlights" were distributed.

The City would almost immediately be starting a program for upsizing the existing plant and incorporating the Bardenpho treatment system with high level nutrient removal. Construction at the plant is expected to start by early 1980. Partial discharge to the lake would continue. A complete land disposal system would be gradually phased in over a period of 10 years. Effluent flows to the lake would be reduced by 85% to 95% by 1986. The balance of flow would be of high quality, with nitrogen and phosphorus reduced by 98%.

Chairman Colclough thanked Mr. Lakevold and Mr. Stevens for a useful and informative presentation.

summary  
meetings  
le:  
sewerage  
collection  
& nutrient  
removal:

Meetings had been held with Winfield, Westbank, Okanagan Landing and Oliver for the purpose of an informal exchange of information relative to each community's waste treatment program. Those present included representatives from the Water Board, Pollution Control Branch, regional districts, consulting engineers, implementation office, and the Westbank Irrigation District. The results, briefly, were as follows:

OLIVER - Engineering studies have been completed for Oliver. Council has been negotiating with the Indian Band to use spray irrigation on Indian Land. Details have still to be worked out. The system may have to be augmented with Okanagan River water to form a viable agricultural operation. Council is also considering another alternative to the west of the Village. Total cost of the initial proposal is \$450,000.

WINFIELD - Preliminary engineering work has been done for Winfield. A major problem is that agricultural land is interspersed with urbanization. There is some concern that if agricultural land is sewered there may be pressure to remove it from the Agricultural Land Reserve. The Community is requesting more specific information as to precisely which urbanized areas within the general Winfield area require waste collection and treatment.

WESTBANK - Engineering studies for Westbank are complete. A spray irrigation site has been selected. The remaining steps towards implementation are finalization of an agreement between the Regional District of Central Okanagan and the Westbank Irrigation District, followed by the necessary changes to Letters Patent. Requirements of the Ministry of Municipal Affairs and the Water Rights Branch must be met. Construction could then proceed.

OKANAGAN LANDING - Feasibility studies for the entire collection area were done some time ago. The report concluded the best alternative for Okanagan Landing was collection followed by treatment at the Vernon facilities. Negotiations between Okanagan Landing and the City of Vernon are still to be completed. The Regional District of North Okanagan is considering making application for treatment and disposal facilities for Okanagan Landing, separate from the Vernon plant.

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The Secretary-Manager indicated the deadline was October 31, 1979 for the second year of funding under the "Community Service Contribution Programme".

Chairman Colclough concluded the meetings had been beneficial for communication and exchange of ideas with all agencies and municipalities involved.

regulation  
to control  
streambank  
erosion &  
nutrient  
loading:

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M. Thomson, Coordinator, Okanagan Basin Implementation office, had prepared a "Draft on Regulation(s) to Control Soil Erosion and Sediment/Nutrient Loadings to Surface Waters". The Liaison Committee had reviewed the draft.

The Committee proposed designating a strip (10-20') along stream banks as a "no disturbance zone". This would not be a greenbelt, but would remain private property. Disturbance of soil and vegetation would not be permitted except by permit. As land would not be purchased and the amount of encumbrance to local property owners would be minimal, this proposal would not be costly. There would be little hardship imposed on property owners.

Director Stuart felt the Ministry of Municipal Affairs should be contacted to ascertain whether municipal legislation is available to implement this bylaw. A Conservation Act such as indicated on the Draft by M. Thomson may be necessary to implement regulations along streams.

It was suggested that the Water Board, in cooperation with municipalities, regional districts, property owners, and the Fish & Wildlife Branch initiate a program of active streambank stabilization. Provincial grants up to 75% of costs are available. Canada Works grants and Youth Employment programs should also be used to keep costs minimal.

Stuart/Postill

Res. No.  
60/79

THAT the Ministry of Municipal Affairs be asked whether legislation exists that would permit regional districts to establish no disturbance zones in private property along streambanks.

CARRIED

Mission  
Creek water  
users &  
Greystoke  
Public  
Task  
Group:

The Secretary-Manager reported the Okanagan Basin Implementation office had set up an organization in early 1978 for the purpose of meeting with water users (irrigation districts), Fish & Wildlife, Water Rights Branch, and the City of Kelowna to minimize water use and fisheries conflicts on Mission Creek. The Secretary-Manager has attended as an observer.

The group has met 5 times; identified and defined problems and have discussed alternatives. The next step is to evaluate alternatives and decide on a solution. Modified releases of storage water over the winter period, to benefit fisheries, have been agreed to by the Black Mountain Irrigation District and the Fish & Wildlife Branch.

A Greystoke Public Task Force has been formed as a result of a meeting held May 3, 1979 in Kelowna by the Forest Service. The intent of the meeting was to establish a public task group to assist the Forest Service in an integrated land use plan for the Greystokes Area (headwaters of Mission Creek). There was a need for the public to be informed and to be involved. Input on the following issues will be evaluated; recreation, watershed, fish and wildlife, logging, grazing and mining.

boat  
launch  
sites:

The Secretary-Manager indicated reports entitled "Okanagan Boat Launch Water User Survey" and "Okanagan Basin Boat Launch Inventory" had been completed by the Parks Branch in Kamloops. A meeting had been held with regional district planners and the Parks Branch to discuss these reports. There was a need to have specific recommendations for specific locations of overall launch sites within the Basin. Some additional reconnaissance would be required.

Kirton/Kane

Res. No.  
61/79

THAT a letter be sent to the Parks Branch, Kamloops in support of having complete and specific recommendations made, as to location or modifications for boat launch facilities in the Basin.

CARRIED

MINUTES OF THE MEETING OF THE OKANAGAN BASIN WATER BOARD, JULY 5, 1979

- 6 -

Progress of aquatic weed program:

Mr. Greg Armour and Mr. Mel Maxnuk of the Water Investigations Branch were in attendance to report on the progress to date, and plans for the remainder of the season, for the aquatic weed program.

Mr. Armour, dealing with the herbicide program, distributed a "Summary of 1979 Chemical Treatments" in Kalamalka and Wood Lakes. A total of approximately 15 acres has been treated in Wood Lake. Spot treatments will be treated throughout the summer as infestations are located. A total of approximately 30 acres has been treated in Kalamalka Lake at the north end. Also spot treatments have been made at the north end with additional sites to be treated in July or August. He indicated the effectiveness of treatment would be conclusive next spring when any new growth can be studied.

Mr. Maxnuk, reporting on the mechanical program indicated all three harvesting machines have been working 14 hour shifts in Osoyoos, Skaha, and Okanagan Lake. There have been breakdowns but satisfactory progress is being made. Municipalities have cooperated in removal of harvested vegetation from beaches.

Land application - letter June 1/79

Letter from Mrs. P.J. Jordon, MLA North Okanagan, June 1, 1979 re: proposed Okanagan water ski club establishment in Okanagan Centre.

P. Jordon re: water ski club proposal:

A letter and petition from residents of Okanagan Centre opposing a proposed Okanagan water ski club establishment was enclosed with Mrs. Jordon's letter. The Secretary-Manager informed that a permit had been denied by the Land Management Branch.

Stuart/Blagborne

Res. No. 62/79

THAT the letter of June 1, 1979 from Mrs. P.J. Jordon along with attached petition be received and filed.

CARRIED

Land application-

N. Myers to lease foreshore for marina & water ski school base

Application by Mr. N. Myers to lease foreshore for marina and water ski school base, on Kalamalka and Wood Lakes was presented to the Board. The Land Management Branch had referred this application to the Board for comment.

Some factors to consider were noise levels, highway congestion, lack of parking space, the nearby regional park, and disturbance of fish and fowl in this area. Director Stuart was concerned with the impact these facilities would have on nearby residential areas.

It was felt concerns relating to this application should be directed to the regional districts and municipalities involved with the Board supporting their decisions.

Stuart/Postill

Res. No. 63/79

THAT the application by Mr. N. Myers be forwarded to regional districts and municipalities involved for their comment to be made directly to the Land Management Branch.

AND THAT these comments be supported by the Water Board

AND THAT Mr. Gary Huva, District Land Manager, Land Management Branch, be informed of this decision.

CARRIED

Public  
hearing re:  
City of  
Vernon  
pollution  
control  
permit:

A copy of a letter from Mr. P. Mackiewich, Regional District of North Okanagan, to the Director of Pollution Control, May 29, 1979 re: request for public hearing Pollution Control Permit PE - 382 (City of Vernon).

It was noted residents of the Electoral Area were concerned that spray irrigation in their area may result in soil slippage and pollution of their wells. The Regional District of North Okanagan was requesting a public hearing.

Stuart/Postill

Res. No.  
64/79

THAT the letter of May 29, 1979 from the Regional District of North Okanagan be received for information.

CARRIED

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NEW BUSINESS

Additional  
funding  
through  
Federal  
Government:

Director Postill felt the Water Board should pursue additional funding for environmental concerns, from the newly elected Federal Government. Funding could be provided for protection of the environment; bank erosion control, wastewater management, and improved water quality. The Board should seek this funding through local MP's and the Ministry of Environment.

Postill/Powell

Res. No.  
65/79

THAT a letter be sent to Mr. George Whittaker, MP, Okanagan North and Mr. Fred King, MP, Okanagan-Similkameen inviting them to the next meeting of the Water Board to discuss environmental concerns and funding.

CARRIED

Director Powell felt this would be an opportunity to have the finance formula under the "Community Services Contribution Programme" reinstated. He believed there should not be a deadline for application for grants, but that funding should be available when a community is prepared to install facilities and requires funding.

The meeting adjourned to Committee at 4:15 p.m.

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CERTIFIED TO BE TRUE & CORRECT

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Chairman

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Secretary-Manager

MINUTES OF THE COMMITTEE-OF-THE-WHOLE OF THE OKANAGAN BASIN  
WATER BOARD, JULY 5, 1979 4:15 p.m. OFFICES OF THE REGIONAL  
DISTRICT OF CENTRAL OKANAGAN, 540 GROVES AVENUE, KELOWNA, B.C.

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Special  
sewerage  
facilities  
fund:

Director Stuart informed the Board that a letter, jointly signed by the three regional districts and municipalities relating to a special sewerage facilities fund, is before Cabinet in Victoria, with several ministers supporting it. Grants would be above those available now. Premier Bennett is discussing the proposal with Ottawa. Director Stuart requested Water Board Directors to continue to encourage this fund with MLA's and members of Cabinet as the opportunity arises.

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Director Kenyon enquired about the progress of a Skaha Lake drawdown. The last correspondence from the Province indicated a review of drawdown for weed control would be complete in late June, 1979. It was agreed the Water Board should write asking for the latest information and urge pursual of a lake drawdown during the winter season.

The meeting adjourned at 4:25 p.m.

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MINUTES COMMITTEE-OF-THE-WHOLE OF THE OKANAGAN BASIN WATER BOARD, SEPTEMBER 13, 1979 1:30 p.m. OFFICES OF THE OKANAGAN BASIN WATER BOARD

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Present:

F. Colclough, Chairman	R.D.O.S.
A. Kenyon	R.D.O.S.
K. Blagborne	R.D.O.S.
M. Kirton	R.D.N.O.
J. Stuart	R.D.C.O.
W. Kane	R.D.C.O.

Staff

W. Parchomchuk	Secretary-Manager
J. Elliot	Secretary

Also Present

S. Fleming, Administrator, City of Kelowna  
S. Buckler, Observer, District of Peachland

Discussion  
G. Whittaker  
F. King re:  
waste  
treatment:

F. Colclough reported that he and several other representatives had met with Pat Jordon and Jim Hewitt during the recent UBCM convention. Increased costs for spray irrigation as opposed to only tertiary treatment, as recommended in the Okanagan Basin Study, was cause for concern by Okanagan Communities. He suggested each community should be required to place only those works recommended under the Okanagan Basin Study. Any funding above that should be provided by the Federal and Provincial Government, particularly where the increased requirement of complete outfall removal is now indicated.

Existing funding of facilities presently required would still remain in effect.

The intent of this meeting was to explore the items that would be reviewed with Mr. G. Whittaker, MP Okanagan North and Mr. F. King, MP Okanagan-Similkameen. Waste treatment programs which may be available from Ottawa and may appear in the future could be discussed. It may be desirable to have a waste treatment program that would be applicable throughout the country. It was stressed that all communities should be striving for the same type of formula throughout the Basin to present a unanimous approach. Once the water quality objectives, as recommended under the Study are met, the Province should be responsible for extra costs of additional works.

E. Lamont entered 1:55 pm  
G. Whittaker and F. King entered 1:55 pm

The Chairman introduced Mr. Whittaker and Mr. King to members of the Board.

The meeting adjourned at 2:00 pm

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CERTIFIED TO BE TRUE & CORRECT

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Chairman

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Secretary-Manager

MINUTES FROM THE OKANAGAN BASIN WATER BOARD MEETING OF SEPTEMBER 13, 1979 2:00 p.m. OFFICES OF THE OKANAGAN BASIN WATER BOARD, 540 GROVES AVENUE, KELOWNA, B.C.

Present:

J. Stuart	R.D.C.O.
W. Kane	R.D.C.O.
E. Lamont	R.D.C.O.
F. Colclough, Chairman	R.D.O.S.
K. Blagborne	R.D.O.S.
A. Kenyon	R.D.O.S.
M. Kirton	R.D.N.O.
H. Powell	R.D.N.O.
Mayor Hammill	City of Kelowna

Staff

W. Parchomchuk	Secretary-Manager
J. Elliot	Secretary

Also Present

S. Fleming, Administrator, City of Kelowna  
S. Buckler, Observer, District of Peachland  
G. Punnett, Executive Secretary, Okanagan Basin Implementation office  
D. Davidson, Assistant to F. King  
N. Taylor, Assistant to G. Whittaker  
F. King, MP Okanagan-Similkameen  
G. Whittaker, MP Okanagan North  
Press

Minutes

July 5/79:

Res. No.  
66/79

Kirton/Kenyon

THAT the minutes of the meeting of July 5, 1979 be adopted as circulated.

CARRIED

Discussion

G. Whittaker  
F. King re:  
waste  
treatment  
funding:

The Chairman indicated concern of the Okanagan Basin Water Board for the new Provincial policy that may require all municipal effluent in the Okanagan Basin to be disposed on land rather than applying only tertiary treatment. Increased costs would result. The Okanagan Basin Water Board finance formula would not be able to meet the additional costs. Communities of the Basin have done their utmost in attempting to meet the standards as recommended under the Okanagan Basin Study and the Okanagan Basin Implementation Agreement.

He requested that MPs during their period of office in Ottawa, review any areas of waste treatment funding that may be available.

Director Kenyon expressed concern for additional operating costs that would be incurred as power costs escalate. This would particularly strongly influence spray irrigation programs and the pumping of effluent to storage reservoirs.

The possibility of assistance through ARDA was mentioned. The major communities of the Basin have been spending considerable amounts on studies and implementation of waste treatment programs according to Provincial standards; however, these standards are becoming more stringent requiring constant changes to plans. Director Blagborne felt that pressure should be applied for the Province to settle the sewerage requirements of the major communities in the Basin first; minor communities could be taken care of in a second phase.

Mayor Hammill felt capital cost expenditures on waste treatment should definitely be at the Federal level. He suggested that the two MPs explore methods of Federal funding for all lake systems throughout the country.

G. Whittaker informed the Board that due to past spending the present Government was short of funds and was attempting to curtail spending. There was not likely any additional money for waste treatment. He expressed concern that communities of the Basin had been approaching various levels of Government on an individual basis, attempting to get special funding for individual programs. He had felt that this was all to be arranged through the Water Board and that a consistent funding policy should be approached for the whole Basin through the Water Board rather than individual communities.

The Secretary-Manager informed that a consistent finance formula was established by the Water Board for the Basin. A plan had been drafted indicating all waste treatment facilities and costs required by each community during the implementation phase. There was some consistency in this regard. The finance formula in place is perhaps the only one of its kind in Canada.

Director Stuart mentioned that the \$5 million funding under the Okanagan Basin Implementation Agreement only provided for flood control works and water quantity programs and administration. There was no additional funding provided under the agreement for waste treatment projects other than what had existed through the current loans and grants.

G. Whittaker felt that the reason the Government was moving to land disposal was because the people of the Valley wanted this. This is what the people requested.

E. Lamont felt that a special type of ARDA funding should become available for the use of effluent on land. Each area has its unique features; some have land and some do not. A long term ARDA funding program was required.

G. Whittaker indicated he would spend considerable effort during his office in Ottawa in attempting to help the Okanagan Basin Communities in finding additional Federal funding.

Director Stuart felt that municipal governments were not often involved as to the day to day dialogue between the Federal and Provincial Government concerning sewerage problems. New programs were often not made known to local communities long after they have been planned. There may be new programs currently discussed. If these would be of some benefit to the Valley perhaps the MPs could maintain a close communication between the Okanagan and Ottawa to make local governments aware of what is being offered.

Mayor Hammill indicated an immediate emergent situation where funding is required for programs presently being implemented. He felt that estimates could be given almost immediately and suggested funding could be presented at a joint meeting with the Minister of Environment Canada and the B.C. Minister of Environment.

A summary of total Basin wide costs could be useful to both the MPs and the Valley in further negotiations.

A further meeting with the two members of parliament, the Federal Minister of Environment and the Provincial Minister of Environment was suggested. Mr. Whittaker indicated that a Caucus meeting of the Federal Government would be held September 29 and 30, 1979 in Vancouver.

Mr. F. King would try to arrange a meeting around these dates. Representatives of the Water Board, members of Parliament, the Federal Minister of Environment, and Provincial Minister of Environment would be invited. The B.C. Minister of Environment would be contacted by the Federal Minister. The Water Board would be informed if the meeting could be arranged. In the meantime, data pertinent to the subject would be gathered. G. Whittaker agreed to be of assistance where possible.

Chairman Colclough thanked Mr. King and Mr. Whittaker for attending.

F. King and G. Whittaker left the meeting at 2:55 pm

Application  
for amend-  
ment to  
pollution  
control  
permit -  
Kelowna:

As Mayor D. Hammill and Mr. S. Fleming, Administrator, City of Kelowna were briefly in attendance, agenda item 7(d) City of Kelowna application for amendment of pollution control permit was moved forward.

The amendment was for an increase of volume from 2.5 million gallons per day to 5 million gallons per day. Treatment included high level tertiary treatment using the Bardenpho method and phased in spray irrigation for gradual removal of effluent from the lake. The volume of effluent discharged to the lake would be decreased almost immediately through the spray irrigation program. The application was, in effect, the same waste treatment project as outlined by the City Engineer at the previous meeting of the Board.

Mr. S. Fleming indicated the only objections to the permit had been made by Mr. W. McGrath, Ministry of Environment and Dr. Clarke. The objections, however did not deal with health related concerns.

Stuart/Kirton

Res. No.  
67/79

THAT the application for an amendment to Pollution Control Permit by the City of Kelowna be supported by the Okanagan Basin Water Board.

CARRIED

(Mayor Hammill left meeting 3:15 pm)

Adminis-  
trative  
accounts:

Administrative accounts outstanding to September 13, 1979 totalling \$789.83 were presented.

Kane/Stuart

Res. No.  
68/79

THAT administrative accounts totalling \$789.83 be approved.

CARRIED

Aquatic  
weed  
program  
accounts:

Accounts under the Provincial Aquatic Weed Control Program were presented for the months of June (\$87,864.54) and July (\$83,726.77)

Kane/Kirton

Res. No.  
69/79

THAT Aquatic Weed Program accounts for the months of June (\$87,864.54) and July (\$83,726.77) be approved.

CARRIED

. . . /4

Applications for sewerage facilities assistance grants:

Applications for Sewerage Facilities Assistance Grants under the Okanagan Basin Water Board cost sharing formula for the period ending June 30, 1979 were made by the following communities:

City of Vernon	\$ 84,436.09
District of Coldstream	18,101.07
Village of Osoyoos	4,120.02
City of Penticton	10,673.14
	<hr/>
TOTAL:	<u>\$117,330.32</u>

Verifying correspondence had been received from each of the communities.

Kirton/Blagborne

Res. No.  
70/79

THAT grants totalling \$117,330.32 under the Sewerage Facilities Assistance Formula be approved for the City of Vernon, District of Coldstream, Village of Osoyoos, and City of Penticton.

CARRIED

A summary of the \$1,313,594 investments in the Sewerage Facilities Assistance Reserve Fund was presented to the Board. The Secretary-Manager indicated an attempt was being made to invest in shorter term certificates as these presently gave the highest yield. Interest rates are fluctuating at present, making it necessary to reinvest to maximize yield.

Kane/Blagborne

Res. No.  
71/79

THAT the summary of \$1,313,594 invested in the Sewerage Facilities Reserve Fund be received for information.

CARRIED

CORRESPONDENCE

Letter R.H. McClelland re: appeal City of Penticton Pollution Control Permit:

1. Letter from R.H. McClelland, Chairman, Ministry of Health, July 27, 1979 re: appeal to the Lieutenant-Governor in Council concerning Pollution Control Permit PE-48418, City of Penticton

An appeal hearing had been held July 13, 1979 relative to the above Pollution Control Permit. The Committee had ordered the permit to be cancelled. This decision was based largely on the policy outlined in the March 22, 1979 Speech from the Throne as follows:

"Following upon the joint federal provincial study of the Okanagan water basin, recommendations in regard to the management of this important water resource will have the consideration of our Ministry of Environment. The elimination of sewage outfalls in the Okanagan Lake area will create new opportunities for enterprise in the tourist and agricultural sectors of that region's economy".

There was concern that the above passage based on the Federal Provincial Study of the Okanagan Water Basin recommendations, appears to infer that the elimination of sewage outfalls was recommended in this study.

However the study actually indicates that only 80% phosphorus removal is required and that tertiary treatment would be acceptable. Water Board Directors felt there was a discrepancy and wished to have the statement from the Throne Speech clarified. The Board also wished confirmation made as to the requirement for outfall removal by all other communities within the Basin as referred to in this passage.

Kane/Kenyon

72/79

THAT the Water Board request clarification of the passage from the Speech from the Throne, referring to the Federal/Provincial Study of the Okanagan Water Basin

AND THAT confirmation be made as to the requirement for outfall removal by all other communities within the Basin as referred to in this passage.

CARRIED

Letters re:  
N. Myers  
land appli-  
cation to  
lease  
foreshore:

2. Correspondence from the District of Coldstream, City of Vernon, and City of Penticton re: application by N. Myers for water ski slalom sites and parasail sites.

The Water Board had agreed at their last meeting to request individual regional districts and municipalities involved, to make comment directly to the Land Management Branch. The Board would support these comments.

Replies to date were as follows:

District of Coldstream - adamantly opposed

City of Vernon - adamantly opposed

City of Penticton - presently has a parasail operator in Okanagan Lake. They have approved in principal the operation of parasailing and water ski slaloms.

Regional District of Central Okanagan - opposed

Kenyon/Lamont

Res. No.  
73/79

THAT correspondence from the District of Coldstream, City of Vernon, and City of Penticton be received.

CARRIED

letter T.F.  
Moore re:  
legislation  
for no  
disturbance  
zones -  
streambanks:

3. Letter from T.F. Moore, Executive Director of Administration, Ministry of Municipal Affairs, August 31, 1979 re: legislation that would enable regional districts to establish "no disturbance strips" along streambanks.

The Water Board had requested whether legislation exists that would permit regional districts to establish "no disturbance zones" on private property along streambanks.

Mr. Moore indicated Sections 519 to 521 of the Municipal Act enable municipalities, by bylaw, to establish certain regulations regarding waterways, dykes, and water courses. The Secretary-Manager pointed out that Section 519 allowed municipalities to "prohibit" fouling or obstruction of streams and therefore perhaps this would serve the Board's purpose, pending legal interpretation.

It was suggested the Secretary-Manager prepare a draft bylaw for this legislation.

Kenyon/Kane

Res. No.  
74/79

THAT the Secretary-Manager draft a bylaw under this legislation (Section 519 of the Municipal Act) for the purpose of creating a "no disturbance zone" along streambanks.

CARRIED

Letter A.T. Harrison re groundwater quality, on-site sewage disposal study:

4. Letter from Mr. A.T. Harrison, Administrator, Regional District of Central Okanagan, September 12, 1979 re: groundwater quality, on-site sewage disposal system study.

Mr. Harrison had attached a presentation by Alderwoman Elise Clark, Chairwoman of the South Okanagan-Similkameen Union Board of Health with regard to the proposed study by Pacific Hydrology Consultants Limited.

The Secretary-Manager indicated the Water Board requested monitoring be done at Kaleden-Skaha Estates by the Pollution Control Branch, Ministry of Environment. The Pollution Control Branch in Vernon had indicated insufficient funds in the local budget to do such a study at the present time. A reply would be coming from Mr. B.E. Marr shortly, indicating what action could be taken.

It was agreed a meeting should be arranged with representatives of the South Okanagan-Similkameen Union Board of Health and other agencies involved to determine the most desirable way to implement a septic tank study. The Liaison Committee should be included and would report back to the Water Board.

Colclough/Kane

Res. No.  
75/79

THAT a meeting be arranged with representatives from the South Okanagan-Similkameen Union Board of Health and other concerned agencies to determine the most desirable course of action to implement a suitable and practical septic tank field study.

CARRIED

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LIAISON COMMITTEE REPORT

Draft recommendations septic tank sewage disposal:

"Draft Recommendations for Septic Tank Sewage Disposal in the Okanagan Basin" had been forwarded to regional districts and municipalities within the Basin for their review and comment. A summary of all comments received to date was presented to the Board.

The Task Force for Septic Tank Regulations had considered all comments and made any necessary changes. A final draft will be forwarded to the Water Board for approval once the Committee has held a final meeting.

Director Powell stressed the need for immediate implementation of an enforceable set of regulations for septic tank sewage disposal.

Winfield  
sewerage  
collection &  
treatment  
facilities:

The Secretary-Manager reported that several recent meetings had been held with Winfield representatives to expediate implementation of sewerage collection and treatment facilities for the Winfield urban area. There appeared to be several viable alternatives, however preliminary costing of alternatives and some reconnaissance study was necessary to draft a final engineering feasibility report.

Lamont/Kane

Res. No.  
76/79

THAT the Okanagan Basin Water Board request the Ministry of Environment for assistance in an initial reconnaissance study of alternatives for sewerage collection and treatment facilities in the Winfield area.

CARRIED

Application  
for pollu-  
tion control  
permits:

The following applications for pollution control permits were referred to the Board:

Fish &  
Wildlife  
Branch:

1. Application by the Ministry of Environment to amend Permit No. PE 5244 to permit discharge of effluent from a semi-natural fish rearing pond directly to Mission Creek rather than through an exfiltration basin. The Fish & Wildlife Branch are proposing a flow-through system which will discharge supernatant effluent directly into Mission Creek.

There was concern for the direct discharge to the Creek, of nutrient that may be contained in the fish food.

The Regional District of Central Okanagan Technical Planning Committee had objected to the amendment to the permit. The Regional District of Central Okanagan had tabled it until a chemical analysis of the fish food used in the pond could be provided.

Lamont/Kirton

Res. No.  
77/79

THAT the application for an amendment to Pollution Control Permit by the Ministry of Environment be tabled until a chemical analysis of the fish food can be provided.

CARRIED

Green Hill  
Holdings:

2. Application by Green Hill Holdings to permit the discharge of effluent from a shopping centre at Winfield into the ground. The average daily discharge would be approximately 10,000 gallons per day which would be treated by a Northern Purification package treatment plant and tile fields.

The Regional District of Central Okanagan Technical Planning Committee was concerned with: "the variability of the uses that can be contained within a shopping centre, volume of sewage flows being proposed, insufficient information relative to percolation rates, the hydrological study yet to be done, and the marginal area available for the tile fields". The Regional District of Central Okanagan supported the application as long as the applicant provided flow metres.

This permit had been initiated with the Health Unit and turned over to the Pollution Control Branch when the amount of discharge being proposed increased from 4,900 to 10,000 gallons per day. The shopping centre was already constructed when the permit was referred to the Technical Planning Committee.



There was concern over increased discharge to septic tanks in such close proximity to Wood Lake (approximately 500 feet) particularly when attempts were being made to reduce septic tanks in this area.

Director Kane felt technical decisions relating to amounts of discharge and percolation rates would best be handled by the Pollution Control Branch.

Kane/Kirton

Res. No.  
78/79

THAT the application for a Pollution Control Permit by Green Hill Holdings be forwarded with no comment.

CARRIED

Brenda  
Mines:

3. Application for amendment of Pollution Control Permit PE 263 by Brenda Mines Limited to permit discharge of effluent from a copper-molybdenum mine/mill operation. The applicants are proposing a tailing impoundment including a main tailings dam and saddle dam with two water reclaim dams. Surface water diversion works which include channelling pitwaste-rock dump surface run-off, pit water and millsite drainage, a sewage lagoon and all related appurtenances. Total discharge is not to exceed an average of 14,700,000 Imperial gallons per day. The dam is to be raised approximately 70 feet, and is constructed mostly from the tailings. The dam is monitored on a regular basis. All discharge are to the tailings pond for recycling.

The Regional District of Central Okanagan Technical Planning Committee supported the application. The Regional District of Central Okanagan supported the application.

Kane/Lamont

Res. No.  
79/79

THAT the Okanagan Basin Water Board has no objection to the application for a pollution control permit amendment by Brenda Mines Limited.

CARRIED

OTHER BUSINESS

Aquatic weed  
program 1980:

It had been anticipated that members of the Ministry of Environment would be in attendance at this meeting to discuss next years aquatic weed program; however, the Ministry require more time to consult with Cabinet as to cost sharing policies relative to aquatic weed control within the Province. The present agreement with the Province expires in May 1980. It is expected the Province may wish the Board to become more involved financially, particularly in the aquatic weed harvesting portion of the program.

A report involving Skaha Lake drawdown for aquatic weed control was also expected to be available to the Board shortly. Indications were that up to 60% of aquatic weed beds in Skaha Lake could be controlled with a 5 foot winter drawdown.

Aerial  
photos  
Okanagan  
Basin:

Chairman Colclough reported that the Okanagan Basin Implementation office has taken aerial photos of the Water Basin area and has plotted densely populated areas. He suggested these photos may be useful in discussing sewerage facilities for the Basin.

Okanagan  
Basin Imple-  
mentation  
Public Task  
Force:

Director Kane enquired as to the terms of reference of the Okanagan Basin Implementation Public Task Force. He expressed concern that this Task Force had made a presentation at a recent Regional District of Central Okanagan Board meeting on a rangeland zoning matter.

Appeal -  
2,4-D permit  
to treat  
Wood Lake:

Director Powell expressed concern over the appeal of the 2,4-D permit granted to the Water Investigations Branch to treat the east and west shore of Wood Lake for Eurasian Water Milfoil, submitted under the name of the South Okanagan-Similkameen Union Board of Health. He felt the entire aquatic weed program was in jeopardy as a result of this appeal and enquired as to the technical basis for it.

Kirton/Kenyon

Res. No.  
80/79

THAT the Okanagan Basin Water Board write the South Okanagan-Similkameen Union Board of Health enquiring as to the technical basis for the Board of Health's appeal of the 2,4-D permit to treat Wood Lake for Eurasian Water Milfoil

AND THAT the Health Unit be requested to withdraw the appeal if a technically sound basis for the appeal could not be found.

CARRIED

The Secretary-Manager informed that the Pollution Control Branch, Water Rights Branch, and Fisheries Branch are relocating in Penticton; all under the Ministry of Environment's jurisdiction.

The meeting adjourned at 4:40 p.m.

CERTIFIED TO BE TRUE & CORRECT

\_\_\_\_\_  
Chairman

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

MINUTES OF THE MEETING OF THE COMMITTEE-OF-THE-WHOLE OKANAGAN  
BASIN WATER BOARD NOVEMBER 8, 1979 OFFICES OF THE REGIONAL  
DISTRICT OF CENTRAL OKANAGAN, 540 GROVES AVENUE, KELOWNA, B.C.

Present:

W. Kane	R.D.C.O.
D. Booth	R.D.C.O.
E. Lamont	R.D.C.O.
K. Blagborne	R.D.O.S.
A. Kenyon	R.D.O.S.
M. Kirton	R.D.N.O.
R. Postill	R.D.N.O.
W. Parchomchuk	Secretary-Manager

Mayor D. Hammill (Observer) City of Kelowna

G. Simmons, Ministry of Environment  
P. Brady, Ministry of Environment  
P. Newroth, Ministry of Environment  
R. Adams, Ministry of Environment  
G. Armour, Ministry of Environment  
M. Maxnuk, Ministry of Environment  
D. Lowton, Osoyoos Chamber of Commerce

Aquatic  
Weed  
Program:

The future of the Aquatic Plant Management Program once the current agreement expires in March 1980 would be discussed.

Mr. Simmons indicated if there was to be an extension to the agreement, this would require Provincial review. So far there is not a firm understanding with the Province as to future policy and direction. He wished to explore with the Water Board what it's specific desire may be. So far the Province has done much of the research. The Water Board has participated in operations in a minor way. There have been two levels of approach so far, one involving research, the other involving weed control using already developed methods. The latter is being considered by the Province for cost sharing.

Under a cost sharing arrangement the Water Board may be responsible for equipment. There would be continuing benefits in the Valley, thereby justifying Water Board involvement. The present concern is for the termination of the present agreement and budgeting that would have to occur now.

The Chairman expressed interest in exploring the cost sharing at the local level through Municipalities and Regional Districts. Mr. Simmons assumed the Water Board would be the logical choice for cost sharing arrangements.

Mayor Kenyon felt that the problem was entirely Provincial as many individuals outside the Basin use the lakes.

Dr. Newroth reported the Ontario Government is backing out of harvesting. There have been negotiations with the Federal Government, for at least the purchase of equipment. So far the Federal Government has not been involved in direct operations.

- 2 -

Mr. Adams reviewed various component costs. Harvesting operations were estimated to cost approximately \$75,000 per year, administrative overhead and rent, etc. were not included in this figure. Herbicide cost was about \$200,000 per year. Operation of diver dredges primarily in the Kalamalka Lake area cost approximately \$60,000 per year. In following years the program is likely to include cosmetic control which would involve harvesting, and some herbicides, primarily in marinas. Quarantine, and research, would mainly involve the Province. Operation of diver dredges in the future is expected mainly for mopping up residual weeds after herbicide applications.

Mr. Armour reported the Province has recently been doing research on various agricultural implements, pulled behind a variety of tractors, in an attempt to mechanically dislodge roots. Various ploughs have been used. There is presently a \$65,000 agreement with the University of B.C. to assist in this type of mechanical research. Research would remain a Provincial responsibility.

Mr. Simmons indicated that he would like to explore the exact way in which the Water Board would be involved. The Secretary-Manager indicated that so far, it appears harvesting is the only treatment measure that has been developed sufficiently to be called operational rather than research.

Mayor Hammill asked concerning various equipment that had been tested for Provincial contests. Mr. Armour explained that the Aquanautus billy goat machine was built here, entirely at the cost of the developer. The machine was not successful.

Mr. Simmons felt that 2,4-D had been effective and still is a good tool. There have been requests for its use. The Secretary-Manager agreed that when 2,4-D could be used, it was a good tool, but there have been social and political pressures as well as many, perhaps unnecessary, self-imposed regulations that rendered the tool almost unusable in a practical way.

Mr. Simmons indicated that in this type of aquatic weed program the Province usually assumes 75% of costs.

Mr. Newroth suggested that if the Board felt there should be changes, these should be mentioned. Some of the current concerns, relating to weed harvesting, were timing and control of fragments.

Mayor Hammill expressed concern at the large sums of money that had been spent on equipment and the program generally. He indicated support for Mr. Jennens' machine which was nearly ready for testing. Mr. Jennens had spent nearly \$300,000 of his own money and had difficulty receiving funding from senior Governments. Federal engineers had supported the machine. He felt the Province was spending in the wrong direction and more support should be given to Mr. Jennens.

Mr. Simmons recognized the need to continue with the aquatic weed program. When the present agreement terminates, approval for further work would be required by the Province. He would be contacting the Water Board soon concerning the agreement and next year's program.

- 3 -

Director Postill asked concerning statements by the Environment Minister indicating that 2,4-D would not be used by the Province, but would be used by the Municipalities that asked for it. Mr. Simmons was not clear on the policy.

Cattle  
Feed Lots  
- Stream  
Banks:

Director Kenyon reported his concern for feed lots in the South Okanagan being located immediately adjacent to stream banks. He suggested the Water Board consider some type of control to have feed lots placed as far away from streams as septic tanks. Cattle should not be fed on streams. He referred specifically to the Oliver-Osoyoos area. The Secretary-Manager would find further information on this.

View  
Jennens'  
Aquatic  
Weed  
Machine:

Mayor Hammill suggested that if Members of the Water Board wish to view Mr. Jennens' Aquatic Weed Machine that they contact the Secretary-Manager for arrangements.

Provincial personnel left the meeting at 4:55 p.m.

Prov.  
Budget  
1980:

The Provisional Budget for 1980 was presented. The Administrative Budget was on much the same basis as 1979. The total budget for administrative purposes in 1979 was \$55,149. The proposed budget for 1980 was \$59,603. This assumed the same level of participation in the aquatic weed program for 1980 as present. However, it was indicated the above figure could be reduced by \$9,000 if there is absolutely no further participation in the aquatic weed program after the expiration of the present agreement in March 1980. However, should the Province require the Water Board to participate in aquatic weed harvesting, on a cost sharing basis, the budget would have to be increased by \$35,000 to accommodate the Board's share (probably 25%) of costs.

The Water Board was also informed that under Recommendation 41(b) and (d) of the Implementation Agreement, the Board is required to do a Recreation Review as part of reassessment of the Okanagan Basin Study in 1980. The estimated cost of this review would be approximately \$9,000. The Water Board could apply for a grant for this amount from the Implementation Board; however, there should still be provision made for this amount on a contingency basis. The Board agreed to add \$9,000 to the budget on a contingency basis and at the same time apply for a grant from the Implementation Board. If the grant is given, this additional amount would not be requisitioned.

Booth/Lamont

THAT the Okanagan Basin Water Board 1980 Provisional Budget in the amount of \$68,603 be forwarded to the Regional Districts for approval. This amount includes \$9,000 for a Recreation Review.

CARRIED

.../4

- 4 -

The Secretary-Manager presented projected Aquatic Weed Harvesting costs for 1980 for two alternatives: the first assuming Water Board operation with a Provincial grant and the other assuming total Provincial operation. Large variations in cost between the two alternatives was indicated.

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Sewerage  
Fac. Res.  
Fund  
Under-  
Payment  
R.D.O.S.:

The Secretary-Manager reported that owing to misinterpretation of the computer printout of assessments for the Regional District of Okanagan-Similkameen, the Regional District had omitted Electoral Areas C, E and F from their apportionment of contributions to the Okanagan Basin Water Board Sewerage Reserve Fund since its initiation in 1976. This has resulted in an underpayment from the Regional District of an amount totalling \$43,136. The Regional District has been asked to forward payment in this amount this year. This was merely for the information of the Board. However, should the above amount remain delinquent, the Board should press for immediate payment. The Board agreed to await a reply to correspondence that has been initiated, prior to further review.

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The meeting adjourned at 5:15 p.m.

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CERTIFIED TO BE TRUE & CORRECT

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Chairman

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Secretary-Manager

MINUTES FROM THE MEETING OF THE OKANAGAN BASIN WATER BOARD,  
JANUARY 11, 1979, 2:00 p.m., OFFICES OF THE REGIONAL DISTRICT OF  
CENTRAL OKANAGAN, 540 GROVES AVENUE, KELOWNA, B.C.

Present: J. Stuart R.D.C.O.  
W. Kane R.D.C.O.  
E. Lamont R.D.C.O.  
  
F. Colclough R.D.O.S.  
K. A. Kenyon R.D.O.S.  
J. Tait Alternate R.D.O.S.  
  
R. Postill R.D.N.O.  
R. Neil R.D.N.O.  
M. Kirton R.D.N.O.

Staff

W. Parchomchuk Secretary-Manager  
J. Kranabetter Secretary

Also Present

T. Carter, Association of B.C. Irrigation Districts  
B. Nilsson, Okanagan Labour Council  
M. Thomson, Okanagan Basin Implementation Office  
S. Buckler, Observer, Peachland  
A. Saddleman, Councillor, Okanagan Indian Band  
W. Boyd, Observer, Okanagan Labour Council  
Press and Radio

Appointments  
to Water  
Board:

The following directors were appointed to the Okanagan Basin Water Board for the 1979 term:

Regional District of North Okanagan

- R.W. Postill
- R.R. Neil
- M. Kirton
- K. Fiddes (Alternate)
- H. Powell (Alternate)

Regional District of Central Okanagan

- J.H. Stuart
- W. Kane
- E. Lamont
- D. Booth (Alternate)
- H. Clark (Alternate)
- Mayor D. Hammill, Official Observer, City of Kelowna

Regional District of Okanagan-Similkameen

- F. Colclough
- K.A. Kenyon
- K. Blagborne
- J. Tait (Alternate)

Mr. Postill indicated that it was customary for the Water Board to rotate the Chairmanship between regional districts. The Chairman should then be selected from the Regional District of Okanagan-Similkameen; the Vice-Chairman being selected from the Regional District of Central Okanagan.

Tait/Neil

Election of  
Chairman:

THAT Mr. F. Colclough be Chairman of the Okanagan Basin Water Board for the 1979 term.

Res. No.  
01/79

There being no further nominations Mr. Colclough was declared Chairman.

MINUTES FROM THE MEETING OF THE OKANAGAN BASIN WATER BOARD,  
JANUARY 11, 1979, 2:00 p.m.

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- 2 -

Election of  
Vice-  
Chairman:  
Res. No.  
02/79

Stuart/Lamont

THAT Mr. W. Kane be Vice-Chairman of the Okanagan Basin  
Water Board.

Director Kenyon moved that Mr. J.H. Stuart be Vice-Chairman of  
the Okanagan Basin Water Board.

J. Stuart declined.

After calling further nominations 3 times, W. Kane was declared  
Vice-Chairman.

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Minutes -  
meeting of  
Nov. 1/78  
Res. No.  
03/79

Stuart/Neil

THAT the minutes of the meeting of November 1, 1978 be  
adopted as circulated.

CARRIED

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Appointment  
of signing  
officers:

J. Stuart suggested that the elected officers and past Chairman  
be appointed signing officers. This could then be standard  
practise from year to year. For office convenience there should  
be one signing officer from the Central Okanagan. It was suggested  
that the Chairman, Vice-Chairman, and past Chairman be signing  
officers with any one of the three signatures being adequate along  
with the signature of the Secretary-Manager.

Stuart/Neil

Res. No.  
04/79

THAT the Chairman, Vice-Chairman, past Chairman, and Secretary-  
Manager be signing officers of the Water Board, with the signatures  
of any two of the above required at one time.

CARRIED

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Liaison  
Committee  
Appointments:

Chairman Colclough explained the purpose of the Liaison Committee  
was to assist in the coordination and implementation of those  
recommendations under the Okanagan Basin Implementation Agreement  
which related to local government. The Committee would ensure  
continued progress on implementation of recommendations. During  
the past year one member on the Okanagan Basin Water Board from  
each Regional District was appointed to the Committee with the Chairman  
coming from the Regional District of Okanagan-Similkameen to  
facilitate contact with the offices of the Okanagan Basin Implemen-  
tation Board.

Stuart/Postill

Res. No.  
05/79

THAT F. Colclough be Chairman of the Liaison Committee

There being no further nominations F. Colclough was declared Chair-  
man. W. Kane was nominated representative for the Committee from  
the Regional District of Central Okanagan, with R. Postill nominated  
from the Regional District of North Okanagan.



MINUTES OF THE MEETING OF THE OKANAGAN BASIN WATER BOARD,  
JANUARY 11, 1979, 2:00 p.m.

- 3 -

The Secretary-Manager reported that the task force on septic tank regulations which had been established under the Liaison Committee has now met 4 times and has drafted a proposed set of regulations for septic tanks. These would now be reviewed by municipal engineers and various other government agencies before final submission to the Board.

A seminar on Stormwater Drainage had been arranged in cooperation with the Okanagan Basin Implementation Board. The seminar would be held on January 18, 1979 commencing at 9:30 a.m. in the Capri Hotel. It was hoped that elected representatives from each of the municipal governments in the Basin would be present as well as technical people.

Observers appointed:

Correspondence appointing the following observers to the Water Board was received:

Village of Oliver - Mayor A. McKinnon  
Corporation of the District of Peachland - S. Buckler  
City of Vernon - Mayor R. Neil, D.S. McKay

Accounts:

Administrative accounts outstanding to January 11, 1979 totalling \$901.57 were presented for approval.

Res. No.  
06/79

Kane/Postill

THAT accounts totalling \$901.57 be approved.

CARRIED

Aquatic weed program accounts:

Accounts under the Provincial Aquatic Weed Control Program were presented for the months of October (\$89,729.49) and November (\$67,613.93).

Kane/Stuart

Res. No.  
07/79

THAT aquatic weed program accounts for the months of October and November, 1978 totalling \$157,343.42 be approved.

CARRIED

The Secretary-Manager reported that total accounts under the aquatic weed program as of November 30, 1978 amounted to \$1,957,175.76. The role of the Board in the aquatic weed program was explained for the benefit of the new members to the Board.

CORRESPONDENCE:

G.E. Simmons re: joint meeting:

1. Letter of November 24, 1978 from G.E. Simmons, Chairman, Okanagan Basin Implementation Board requesting a joint meeting with the Okanagan Basin Water Board for the purpose of reviewing generally, the status of implementation and to discuss any matters of concern that either Board may have with regard to implementation.

The Secretary-Manager indicated that tentative arrangement had been made for a meeting on February 8, 1979 between 12:00 and 3:00 p.m., as the Implementation Board would be in the area at that time. Since the meeting would be over the lunch hour it was suggested it be a luncheon meeting. The Board agreed the date was suitable and detailed arrangements would be left to the Secretary-Manager and the Okanagan Basin Implementation office.

Postill/Kenyon

Res. No.  
08/79

THAT the Secretary-Manager and the Okanagan Basin Implementation office arrange for a joint meeting of the Okanagan Basin Water Board and the Implementation Board on February 8, 1979.

CARRIED

It was agreed that the Liaison Committee would meet, before the meeting with the Implementation Board, to review any matters of concern the Okanagan Basin Water Board may wish to present at that meeting.

W. Boyd  
re: water  
quality  
management  
areas:

2. A submission by W. Boyd relating to water quality management areas under the Canada Water Act was presented. The Secretary-Manager indicated that no water quality management areas as defined under Part II of the Canada Water Act, have been set up; however, the annual reports of the Canada Water Act indicated that several water quality management programs are being implemented such as the Okanagan Basin Implementation Agreement. While this agreement does not provide for the establishment of water quality management agencies, it nevertheless has the same basic objective of maintaining and improving water quality, and is managed by a joint Federal-Provincial Board.

Consultations with officials of Environment Canada indicate that it was not likely that water quality management areas would be set up owing to a tremendous administrative change that would be required. Even in the event that a water quality management area was established, an agreement would have to be reached concerning Federal-Provincial joint sharing of works, and to determine user charges. It was not anticipated that works would be set up without cost to local areas.

Mr. Boyd indicated that water quality standards could be set up as well. He felt the Okanagan Basin Implementation Agreement did not address itself adequately to water quality problems but rather to the Okanagan Flood Control Works and the floating bridge. He indicated that the Okanagan Basin Water Board is only a coordinating agency and there should be more authority for management of water, locally.

Director Kane felt that the Okanagan Flood Control Works should not have been included within the terms of the Okanagan Basin Implementation Agreement since these works were maintained prior to the agreement.

Mr. Thomson indicated that the flood control works were originally placed under supervision of the Joint Board of Engineers. The Federal and Provincial government reached an agreement to maintain the works which were operated by the Province. Under the implementation agreement the Provincial government will not be largely responsible for the maintenance of the works once the improvements as indicated under the implementation agreement are completed.

Director Stuart indicated that the \$5 million of Federal-Provincial joint spending as indicated under the Implementation agreement is mainly for works along the Okanagan Flood Control channel, and other water quantity considerations. There would be very little benefit from this spending to the major water quality problems.

Stuart/Lamont

Res. No.  
09/79

THAT the submission from Mr. W. Boyd be received with thanks and that the Liaison Committee investigate channels for furthering the water quality aspects indicated in Mr. Boyd's letter.

CARRIED

Mr. Thomson indicated that of the \$5 million shared costs under the Okanagan Basin Implementation agreement only \$3 million was directed toward channel improvements. The balance is allocated towards water quality monitoring programs, other aspects of administration, and management.

Mr. B. Nilsson indicated the Labour Council had reviewed Mr. Boyd's presentation and would likely make an analysis of the direction to follow. Some areas requiring waste treatment, presently including Okanagan Landing, where a collector system was required should be considered under the Canada Water Act.

P. Mackie-  
wisch re:  
allocation  
of budget:

3. Letter of November 10, 1978 from Mr. P. Mackiewich, Administrator, Regional District of North Okanagan. Mr. Mackiewich expressed concern that the requisition figures in the 1979 provisional budget are based on 1978 assessments but that the intent was to allocate and collect funds on the basis of the 1979 assessment figures when these become known. He indicated this practise creates confusion in his regional district, as assessment figures are usually not known when the final budget for the current year is adopted. It was therefore requested that the requisition be based on the previous years assessment, that is 1978, and be allocated on such assessment.

The Secretary-Manager indicated that figures which have been forwarded to the regional districts presently are provisional figures, however the final amount of the budget would remain the same. The amount requisitioned from each regional district may vary slightly depending upon any relative changes in their 1979 respective assessment figures.

Once regional districts receive assessment figures for 1979 these could immediately be forwarded to the Water Board office and a calculation made prorating the amount of requisition for each regional district prior to final budgets being set.

Director Stuart indicated that there had been some cases in B.C. where the court revision has allowed major reassessments for some firms. He indicated that he would prefer to see the change in letters patent so that the previous years assessment figures are used to allocate and collect the Okanagan Basin Water Board requisition. This would avoid the situation or not having firm assessment figures prior to final budgeting.

Stuart/Neil

Res. No.  
10 /79

THAT letters patent of the Okanagan Basin Water Board be changed by each regional district so that requisitions are allocated and collected on the basis of the previous years assessment rather than the current years assessment.

CARRIED

A letter of December 14, 1978 from the Regional District of Okanagan-Similkameen relative to the above was also presented.

Neil/Tait

Res. No.  
11 /79

THAT the letters from the Regional District of Okanagan-Similkameen and Regional District of North Okanagan be received.

CARRIED

Sewerage  
Facilities  
Implementation  
Update -  
City of  
Armstrong:

The Secretary-Manager reported on a meeting he had attended with the City of Armstrong, the Pollution Control Branch, and consultants from the City of Armstrong relating to progress on the installation of waste treatment facilities for nutrient removal. The City of Armstrong, with their consultants, have reviewed several sites that could possibly be suitable for exfiltration or spray irrigation and exfiltration combined. The preferred site has already been selected and several shallow test holes have been dug. Deep test holes are still to be done. Preliminary cost figures have been estimated. There was a need to firm up the ability of the soils in selected areas to accommodate the effluent and to determine the actual feasibility of the site. It was hoped that work could start in March.

Mayor Kirton confirmed that the City is still looking at the same site, but has still to reach an agreement with the owner of the property, prior to further test holes being dug.

The meeting with the City of Armstrong was a follow up to earlier correspondence received during the summer of 1978 from the North Okanagan Indian Band expressing concern over water quality in Deep Creek.

City of  
Penticton  
effluent  
disposal  
update:

5. A letter of December 4, 1978 from Mayor K.A. Kenyon of the City of Penticton indicated the present status of negotiations between the City of Penticton and the Pollution Control Branch with respect to a proposed effluent irrigation scheme for Penticton. An addendum to the report entitled "Proposed Effluent Irrigation Scheme for the Penticton Effluent to Land Project" was attached to Mayor Kenyon's letter. It was indicated that the City of Penticton was still concerned that the Ministry of Environment has not brought the concept of effluent disposal to land to the stage where final design could proceed. Several aspects such as health, land acquisition, geological studies, exfiltration, roads, and financial arrangements still required clarification.

It was reported that a hearing had been held by the Pollution Control Board on November 29, 1978 in Penticton, to hear the appeal by the City of Penticton to an earlier decision made by the Pollution Control Branch to a permit given to the City of Penticton to discharge 3 million gallons per day of tertiary treated sewerage effluent into the bottom of Skaha Lake rather than the 4 million gallons as requested by the City. NEW (No Effluent Wanted) objected strongly to this permit and filed an appeal to have the permit withdrawn. This appeal was also being heard. To date it was not known what the decision of the Pollution Control Board was, relative to this hearing.

It was suggested that meetings similar to the one with Armstrong be held with other communities throughout the Okanagan such as Oliver, Kelowna, and Westbank, to determine the present status of implementation of waste treatment recommendations, and to encourage communities to proceed with works. Director Tait indicated that the Village of Oliver was currently exploring the feasibility of a proposal for use of effluent on nearby Indian land. The Secretary-Manager and Mr. Tait would arrange to hold a meeting with the Village of Oliver to determine the present status of their waste treatment program. Director Tait suggested a similar meeting be held with Osoyoos.

Proposed  
Skaha Lake  
lowering:

Mr. S.B. Mould, Ministry of Environment, was in attendance. He reviewed a report entitled "Preliminary Report on Modifications Required to Domestic Pump Systems to Operate at Lower Lake Levels on Skaha Lake". Mr. Mould indicated this report was prepared in response to a request from the Okanagan Basin Water Board. The intent would be to lower Skaha Lake during the cold winter period to freeze out shoreline aquatic weeds.

Director Kenyon suggested it was necessary to find out whether it was absolutely certain that freezing would kill weeds before further work is done.

Kenyon/Lamont

Res. No.  
12/79

THAT the Okanagan Basin Water Board ask the Water Investigations Branch to do a small scale experiment to be certain that freezing would destroy Eurasian Water Milfoil roots.

CARRIED

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- 7 -

Mr. Mould indicated that Skaha Lake could be drawn down 4 feet below the normal low level of 1107.5 feet, without modifications to the control dam. There are approximately 140 domestic intakes on the lake and 4 community water systems. Almost all intakes would be affected by freezing. Three possible alternatives for protecting water intakes were costed. The costs ranged from \$605,000 to \$1,100,000. A discussion followed.

Not all of the weeds would be affected by a drawdown, but only a portion around the perimeter of the lake. There would be other advantages of a drawdown besides weed control. If the numerous individual intakes could be connected to one source it would be easier to treat aquatic weeds with 2,4-D. Mr. Mould indicated that a large part of the problem of achieving alternate water supplies would be a people problem. The public on the lake would have to know what the costs are and to consent to any changes in their water systems.

The Water Investigations Branch was not prepared to take the initiative for water intake modifications but they would assist technically. There was presently no funding available for this program, however by making a political presentation the Water Board could perhaps get funding. Director Kenyon complimented and thanked Mr. Mould for his report.

Kenyon/Tait

Res. No.  
13/79

THAT the Okanagan Basin Water Board support the report on modifications required to Skaha Lake intakes and that the Water Investigations Branch continue to assemble the required additional information and that the Ministry of Environment be approached with the view to implementing a winter lowering of Skaha Lake, say by the winter of 1979-80.

CARRIED

Assessment  
re: lowering  
of Skaha,  
Vaseaux,  
Osoyoos Lakes:

A letter of December 5, 1978 from Mr. B.E. Marr was presented. Mr. Marr indicated that further to a meeting of November 1, 1978 with the Water Board, an assessment had been completed for a proposal concerning variation of Skaha, Vaseaux, and Osoyoos lake levels. A memorandum of November 23, 1978 from R.Y. McNeil was included. Mr. Marr felt that effort should be concentrated on Skaha Lake lowering. He indicated a report on water intakes had recently been prepared and now an assessment of the impact on the fishery resource would have to be made. Discussion followed on the assessment made by R.Y. McNeil concerning Skaha, Vaseaux, and Osoyoos Lake lowerings. There was some question raised as to the ability to refill the lakes following drawdown. It was indicated that the smaller lake south of Okanagan Lake could be refilled from Okanagan Lake with only minor impact on Okanagan Lake. It may be more difficult to fill lower lakes in periods of drought. Osoyoos Lake at the present could not be lowered a great deal owing to the spit at Hanes Point. Some dredging would have to be done. A large area of weeds could be exposed at the north end of Vaseaux Lake by a 4 foot lowering, however much of the weed beds in the remainder of the lake would not be affected to a great extent. In some of the lakes, little bottom would be exposed by a conceivable drawdown, however in other locations there would be some benefits.

Director Stuart suggested that discussion with the Fish & Wildlife Branch be continued along with the proposals for lake drawdown to assess concurrently the impact on the Fish & Wildlife resource.

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Stuart/Kirton

Res. No.  
14/79

THAT the letter of December 5, 1978 along with attached memorandum from B.E. Marr be received and that the Water Investigations Branch be encouraged to assemble concurrently information as required from other agencies to proceed with lake lowerings.

CARRIED

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Skaha Lake  
summer  
levels:

A letter of November 15, 1978 from P.M. Brady, Director, Water Investigations Branch was presented. Mr. Brady referred to the April 5, 1978 request for a 6 inch lowering of the normal summer levels of Skaha Lake. An attempt was made to operate at a level lower than normal, however this could not be maintained owing to only one irrigation intake. A culvert supplying Mr. Parsons' lagoon would have to be lowered beneath the road crossing in order to facilitate a lower operation of this intake. It was suggested that the Ministry of Highways, Penticton be contacted in this regard.

Kenyon/Tait

Res. No.  
15/79

THAT the Ministry of Highways be contacted to correct the culvert supplying Mr. Parsons' lagoon in order to operate Skaha Lake at a lower level during the summer period. The Highways Department would be asked to cover costs for the work.

CARRIED

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B.E. Marr  
re: aquatic  
weed control.

A letter of November 29, 1978 from B.E. Marr was presented. Mr. Marr in referring back to a meeting of November 1, 1978 with the Water Board, believed there was considerable merit in his proposal that the Water Board take over the aquatic weed harvesting operations, subject to further discussions on a mutually acceptable arrangement. Mr. Marr wished to receive a reply from the Water Board on this proposal.

A committee involving the chairman of the three regional districts had met on December 14, 1978 and reviewed the letter and possibilities for involvement by the Water Board in the aquatic weed program. The Committee had discussed the harvesting program and agreed that the Water Board could be involved in establishing and helping to coordinate a schedule but felt the Water Board should not take over any of the operations at this time. The Board could also be involved in Skaha Lake lowerings. Some assistance could also be offered by communities for removal of aquatic weeds once delivered to shore.

Director Stuart indicated there would not be as extensive booming for containment of fragments this year as aquatic weeds have already spread to almost all areas possible; particularly on Okanagan Lake. Booming would only be done at critical locations. The public should be made aware of the reduction in booming as previous communications had stressed the importance of fragment control.

Tait/Kane

Res. No.  
16/79

THAT the letter of November 29, 1978 from Mr. Marr be received and the Water Board inform the Ministry of Environment that they did not wish to take over the aquatic weed harvesting operations at this time, however would continue to liaise and cooperate with the Province in the aquatic weed harvesting schedule.

CARRIED

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Director Tait referring to earlier comments made by Mr. Marr suggested that the Board should not complain of high costs if it was not prepared to take over the operations.

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Aquatic  
weed  
harvesting  
schedule:

The Secretary-Manager reviewed a proposed aquatic weed harvesting schedule for 1979. The schedule had been drawn up jointly with the staff of the B.C. Aquatic Plant Management Program and was circulated prior to the meeting. The schedule was considered to be the most practical for fully utilizing the equipment and servicing those areas throughout the Basin which would most likely require treatment during the 1979 season. Booms to collect fragments would only be used in a few selected areas. Municipalities would be asked to assist in removing aquatic weeds once harvested and delivered to the shoreline.

The schedule would have to be circulated to regional districts and municipalities throughout the Basin for their comments and concurrence prior to finalization.

Kane/Kenyon

Res. No.  
17/79

THAT the proposed harvesting schedule for 1979 be circulated for concurrence to the cities and regional districts in the Basin.

CARRIED

Herbicide  
treatments:

A list of those areas for which applications for 2,4-D have been submitted, for the 1979 program, was presented. Most 2,4-D treatment for 1979 would be smaller spot treatments in areas that could not be treated by other methods. Areas near water intake would have to be avoided. The province had indicated if communities or lakeshore groups wish additional areas to be treated with 2,4-D they should make their request known to the Province almost immediately. Communities should be advised.

Stuart/Postill

Res. No.  
18/79

THAT a list of those sites which are proposed for 2,4-D treatments be circulated along with the harvesting schedule to the communities and regional districts throughout the Basin.

CARRIED

It was indicated that prior to 2,4-D being applied the procedure would have to be followed as last year, in that communities would be consulted for concurrence prior to applications for 2,4-D being made.

Director Kane noted in the preliminary proposals on Eurasian Water Milfoil control as presented to the Water Board by Mr. Marr on November 1, 1978 the suggestion was made that a winter drawdown of Skaha Lake, if possible, would be used to reduce the size of aquatic weed infestations in Skaha Lake. Mr. Kane felt this should be noted as this was in effect a commitment by the Province to attempt to achieve a winter drawdown of Skaha Lake. The Water Board should continue their efforts in having the Province attempt a winter drawdown.

The meeting adjourned at 4:30 p.m.

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CERTIFIED TO BE TRUE & CORRECT

\_\_\_\_\_  
Chairman

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