

OKANAGAN BASIN WATER BOARD

MINUTES OF A REGULAR MEETING OF THE OKANAGAN BASIN WATER BOARD HELD IN THE REGIONAL DISTRICT OF NORTH OKANAGAN BOARD ROOM, 2903 - 35TH AVENUE, VERNON, B. C., ON THURSDAY, FEBRUARY 13TH, 1986 AT 1:35 P.M.

PRESENT:

Director E. Lamont	Central Okanagan Reg. Dist.
Director A. Horning	Central Okanagan Reg. Dist.
Director H. Blattner	North Okanagan Reg. Dist.
Director A. Clarke	North Okanagan Reg. Dist.
Director A. Hill	North Okanagan Reg. Dist.
Director D. Battison	Okanagan-Similkameen Reg. Dist.
Director R. Frost	Okanagan-Similkameen Reg. Dist.
Director E. R. Hermiston	Okanagan-Similkameen Reg. Dist.

ALSO PRESENT:

Mr. R. Nickel	Ministry of Environment
Mr. T. Forty	Ministry of Environment
Mr. M. Maxnuk	Ministry of Environment
Mr. M. Wallis	Ministry of Environment
Mr. P. Epp	Ministry of Environment

STAFF:

P. Mackiewich	Administrator
G. Armour	Field Supervisor

Director Lamont, Chairman of the 1985 Okanagan Basin Water Board called the meeting to order and welcomed the new Board of Directors to the meeting. He stated that it was a pleasure serving the Board in 1985 as Chairman and expressed his gratitude for the excellent attendance by the members at Board meetings. He noted that it is people that make the system work. Director Lamont recommended that the Board contemplate its future, now that the Okanagan Basin has been proclaimed an environmentally sensitive area and as a result, the role of the Board could have significant changes. He noted that the attitude of government is to purchase new machinery rather than to use 2,4-D in the lakes system and that the acquisition of additional weed harvesting machinery should be pursued.

Director Lamont also recommended that the Board involve the Board of the Regional District of Columbia-Shuswap in its deliberations, now that the weed has appeared in Shuswap Lake and rototilling equipment is shared with them.

APPOINTMENT OF DIRECTORS - 1986 TERM:

The Board was advised that the following persons have been appointed as Directors of the Okanagan Basin Water Board for the year 1986:

Regional District of Central Okanagan:

- Director E. Lamont;
- Director A. Horning;
- Director N. Oystryk;
- Alternate Director J. Stuart.

Regional District of North Okanagan:

- Director H. Blattner;
- Director A. Clarke;
- Director A. Hill;
- Alternate Director M. Friesen;
- Alternate Director E. Palfrey.

Regional District of Okanagan-Similkameen:

- Director D. Battison;
- Director R. Frost;
- Director E. R. Hermiston;
- Alternate Director J. Piazza.

ELECTION OF CHAIRMAN:

The Administrator called for nominations for the position of Chairman for the year 1986.

Director Frost nominated Director E. Lamont as Chairman for the year 1986.

After calling for further nominations three times, and there being no further nominations, Director E. Lamont was declared Chairman of the Okanagan Basin Water Board for the year 1986.

Director Lamont then assumed the Chair and thanked the Board for expressing confidence in him.

ELECTION OF VICE-CHAIRMAN:

The Chairman then called for nominations for the position of Vice-Chairman for the year 1986. Director Blatter nominated Director A. Clarke for the position.

After calling for further nominations three times, and there being no further nominations, Director A. Clarke was declared Vice-Chairman of the Okanagan Basin Water Board for the year 1986.

MINUTES:

Moved by Director Clarke, seconded by Director Horning:

"That the minutes of a regular meeting of the Okanagan Basin Water Board held on October 29th, 1985 be adopted as circulated."

CARRIED.

Further moved by Director Frost, seconded by Director Hermiston:

"That the minutes of a meeting of the Aquatic Plant Management Committee held on October 10th, 1985 be adopted as circulated."

CARRIED.

DELEGATIONS:

MR. R. NICKEL & MR. T. R. FORTY: Okanagan Water Quality Control Project:

Mr. R. Nickel advised the Board that he is the Project Manager for the newly structured Okanagan Water Quality Control Project whose mandate is to:

- a) manage Sewerage Facilities grants;
- b) develop strategies for phosphorus removal.

The project team wants to decide on an approach to take with diffused sources of sewage, particularly septic tanks. To date, no money has been involved but the cost will have to be identified and strategies developed and implemented where they can be.

Mr. Nickel showed charts showing the spring overturn of phosphorus levels. He expressed concern with the trend of increasing phosphorus levels in the lakes. He noted that sewage treatment plants remove 95% of phosphorus, but a strategy has to be developed to remove the diffused sources of phosphorus.

He indicated that with good management the diffused sources from forestry, agriculture, and septic tanks can be reduced. The key is the development of a Waste Management Plan.

Mr. P. Epp indicated that the project team will be looking at scientific or technical base for septic tank installations. He noted that the diffused sources loading appears to be as follows:

- a) agriculture - 36%;
- b) forestry - 25%;
- c) septic tanks -34%;
- d) other - 5%.

It appears that agriculture is one of the main contributors and the Ministry will try to apply controls in a stricter manner. Insofar as forestry is concerned, erosion of lands are the main contributor of phosphorus and more stringent controls can be applied in this area. Insofar as septic tank loading is concerned, the support of the Okanagan Basin Water Board will be required in implementing the options including, perhaps limiting housing density.

Mr. Nickel stated that a strategy will need to be developed and given to the planners who can develop zoning controls to reduce septic tank discharges.

Mr. Forty advised the Board that the team will work within the framework with waste management planning legislation and waste management plans and become involved in selecting the best option for reducing phosphorus loading. He noted that the \$26 million dollars allocated in the environmentally sensitive area announcement is not all government money. 75% will be up front payment for works developed through the Waste Management Plan as necessary. At the present time, the team is going through Waste Management Plans with a number of communities.

Mr. Forty advised that the Vernon Waste Management Plan has been developed and is now being implemented as follows:

1. Continue to operate the existing sewage system;
2. Increase the capacity of the sewage treatment plant;
3. Install a main trunk line; and;
4. Install a long deep outfall into Okanagan Lake.

The community of Westbank is looking at constructing a brand new system as their existing system is not adequate. The communities of Penticton, Osoyoos, Armstrong, and Kelowna are all working on developing Waste Management Plans. Winfield, Peachland, Summerland, Naramata, Oliver, and O.K. Falls will develop Waste Management Plans once technical support data identifies the need.

Mr. Forty advised that the available funding covers 75% up front for treatment plants and disposal only. For any other work the old 25/75% formula applies. In addition, the \$26 million dollar commitment announced by the government is for three years only.

Director Frost asked what can be done for new areas and the reply was that communities work closely with Mr. Epp to determine which areas need attention. No money has been allocated for new sewer works at this time. It is the hope that community plans and waste management plans can be dovetailed together to determine where growth can occur.

Director Hill expressed concern over the intention of the City of Vernon to install a long sewage outfall into Okanagan Lake.

He was advised that Vernon's Waste Management Plan requires a safety valve of a long outfall and if more land becomes available, it will be used rather than the outfall.

Director Clarke stated that she wished to dispel concern in the community that when the lake outfall is installed the spray irrigation program will be abandoned. There is simply no intention on the part of Vernon City Council to abandon the spray irrigation program.

Mr. Forty indicated that Vernon's effluent during discharge is of an extremely high quality and is equivalent to at least the quality of water in Vernon Creek and is higher than the quality of water in the creek at Armstrong.

Director Frost asked that if an overall Waste Management Plan is put together, can it be staged and the reply was in the affirmative.

The Chairman asked what role the Okanagan Water Quality Control Project Committee wants the Okanagan Basin Water Board to play.

Mr. Nickel replied that the project team will outline the approach, but to implement any recommendations requires the assistance of the municipalities and regional districts and, therefore, the support of the Okanagan Basin Water Board is required.

The Chairman recommended that the Board should consider its position relating to the approach taken by the project team relating to the diffuse sources of effluent, as well as development of Waste Management Plans and make a recommendation at the next meeting.

Messrs. Nickel, Forty, and Epp were thanked for their presentation to the Board.

CORRESPONDENCE:

CALLOW INSURANCE:

Liability Insurance - Rototiller:

Correspondence from Callow Insurance indicating that they are advising their underwriters of the additional exposure and use insofar as the floating rototiller being used by employees other than those of the Provincial Government and that, with regard to liability protection, at no time does the policy cover any person other than B. C. Government employees was received for information.

DEPARTMENT OF ECOLOGY:

Request from Ministry of Environment - Administrative Assistance in Conducting Trial Demonstration Program - Washington:

Moved by Director Horning, seconded by Director Blattner:

"That the request from Ministry of Environment for administrative assistance in conducting a trial demonstration of mechanical rototiller in the Washington portion of Lake Osoyoos be approved and the Administrator and Chairman be authorized to execute the Memorandum of Agreement in this regard."

CARRIED.

CITY OF
KELOWNA:

Invoice for Weed Disposal:

Moved by Director Frost, seconded by Director Blattner:

"That the invoice from the City of Kelowna in the amount of \$2,180.00 covering City labour and equipment involved in the milfoil harvest in 1985 be denied because firstly, the work was not authorized by the Board nor any of its representatives and secondly, the Water Board does not pay for beach clean up in any other community in the Okanagan Basin."

CARRIED.

D. BIRDSELL:

Concern over Crown Forest Industries application for
Amendment of Waste Management Permit:

Moved by Director Horning, seconded by Director Clarke:

"That if the application for amendment of Crown Forest Industries Waste Management Permit No. PA-2082 will affect the quality of water in the Okanagan lake system, then the Board oppose the issuance of such a permit amendment."

CARRIED.

MINISTER
OF HEALTH:

Proposed Septic Tank Regulations:

Moved by Director Clarke, seconded by Director Blattner:

"That another letter be written to the Ministers of Health and Environment advising them that the Board feels that it is of paramount importance that the Okanagan Basin Task Force Proposed Sewage Disposal Regulations be implemented within the Okanagan Basin and that all matters covering the disposal of sewage be placed under the jurisdiction of one ministry and not be divided between the Ministry of Health and the Ministry of Environment and, further, the Ministers be advised that the Board is pleased that the Okanagan has been designated as a Special Environmental Protection Area and that an Okanagan Water Quality Control Project group has been formed to study ways of reducing phosphorus loading into the Okanagan Lake system."

CARRIED.

MINISTER
OF ENVIRONMENT:

Aquatic Weed Rotovator - Placed on list for Environmental
Award:

A letter from the Honourable F. C. Austin Pelton, Minister of Environment, advising that the new aquatic weed rotovator has been placed on the list for consideration for the environmental award was received and filed.

INTERNATIONAL
JOINT COMM.:

Osoyoos Lake Order Amended:

Advice from the International Joint Commission advising that the Osoyoos Lake Order has been amended to provide for approval for the construction of new works to regulate levels of Osoyoos Lake in B. C. and the State of Washington and to locate the new control structure between Cherry Street Bridge in Oroville, Washington and the present site of Zosel Dam and the previous requirement to relocate Tonasket Creek has been replaced by a requirement to necessary flow capacity in the Okanagan River was received for information.

CITY OF ARMSTRONG:

Grants under Special Environmental Area:

Moved by Director Frost, seconded by Director Blattner:

"That the City of Armstrong be advised that it is the policy of the Board to calculate on the basis equivalent of 2.5 mills and to pay a grant of 24% of that community's debt charges for sewage facilities over and above the amount which the community would generate in excess of 2.5 mills and that consideration will not be given to any funding which has not been assumed as a long term debt."

CARRIED.

SEWERAGE FACILITIES ASSISTANCE GRANTS:

Moved by Director Frost, seconded by Director Battison:

"That the following Sewerage Facilities Assistance Grants be approved for payment:

a) City of Armstrong	To December 31/85	\$ 21,508.56
b) Dist. of Coldstream	July - Dec. 31/85	\$ 38,000.00
c) Dist. of Coldstream:	To December 31/85	\$ 62,570.05
d) City of Kelowna:	To December 31/85	\$ 335,344.09
e) City of Penticton:	July - Dec. 31/85	\$ 158,867.73
f) City of Vernon:	July - Dec./85	\$ 112,549.18
g) City of Vernon:	Balance - 1985	\$ 11,852.43."

CARRIED.

NEW AND UNFINISHED BUSINESS:

1986 ANNUAL BUDGET:

Moved by Director Frost, seconded by Director Blattner:

"That the 1986 Annual Budget be adopted as presented."

CARRIED.

APPOINTMENT OF DIRECTORS:

Aquatic Plant Management Committee:

Moved by Director Battison, seconded by Director Hermiston:

"That Directors Frost, Clarke, and Lamont, together with the Administrator and Mr. G. Armour, be appointed to the Aquatic Plant Management Committee."

CARRIED.

APPOINTMENT:

Signing Officers - Royal Bank of Canada:

Moved by Director Blattner, seconded by Director Frost:

"That P. Mackiewich, Secretary-Treasurer of the Okanagan Basin Water Board (hereinafter called the 'corporation') be and is hereby authorized for and on behalf of the corporation to negotiate with, deposit with, or transfer to the Royal Bank of Canada (but for credit of the corporation's account only) all or any cheques and other orders for the payment of money, and for the said purpose to endorse the same or any of them on behalf of the corporation either in writing or by rubber stamp;

That all cheques of the corporation be drawn in the name of the corporation and be signed on its behalf by E. Lamont, Chairman; E. Shipmaker, N.O.R.D. Chairman; A. Clarke, Director, and signed/countersigned by P. Mackiewich, Secretary-Treasurer - any two to sign;

And further that all cheques under the sum of \$5,000.00 may be mechanically signed by any of the above officers;

That P. Mackiewich, Secretary-Treasurer, be and is hereby authorized for and on behalf of the corporation from time to time to receive from the said Bank a statement of the account of the corporation together with all relative vouchers and all unpaid bills lodged for collection by the corporation and all items returned unpaid and charged to the account of the corporation and to sign and deliver to the said Bank the Bank's form of verification, settlement and balance and release;

That P. Mackiewich, Secretary-Treasurer, be and is hereby authorized for an on behalf of the corporation to obtain delivery from the said Bank of all or any stocks, bonds, or other securities held by the said Bank in safekeeping or otherwise for the account of the corporation and to give valid and binding receipts therefor;

That this resolution be communicated to the said Bank and remain in force until written notice to the contrary shall have been given to the Manager for the time being of the branch of the said Bank at which the account of the corporation is kept, and receipt of such notice duly acknowledged in writing."

CARRIED.

APPOINTMENT:

Signing Officers - Bank of Montreal:

Moved by Director Blattner, seconded by Director Frost:

"Whereas it is desirable for the Corporation to authorize certain of its officers to, inter alia, sign cheques, deposit promissory notes and cheques, receive paid cheques, obtain and deliver from the Corporation's bankers copies of all or any stocks and bonds:

Now therefore be it resolved that all cheques of the Corporation drawn on its Current account(s) be signed on its behalf by E. Lamont, Chairman; E. Shipmaker, N.O.R.D. Chairman; A. Clarke, Director, and signed/counter-signed by P. Mackiewich, Secretary-Treasurer - any two to sign;

That P. Mackiewich, Secretary-Treasurer of the Okanagan Basin Water Board (hereinafter called the 'Corporation') be and is hereby authorized for and on behalf of the Corporation to negotiate with, deposit with, or transfer to the Bank of Montreal (but for credit of the Corporation account only) all or any Bills of Exchange, Promissory Notes, Cheques and Orders for the payment of money and other negotiable paper, and for the said purpose to endorse the same or any of them on behalf of the corporation either in writing or by rubber stamp;

And further that all cheques under the sum of \$5,000.00 may mechanically signed by any of the above officers;

That P. Mackiewich, Secretary-Treasurer, be and is hereby authorized for and on behalf of the Corporation from time to time to arrange, settle, balance and certify all books and accounts between the said Corporation and the Bank; and to receive all paid cheques and vouchers, unpaid and unaccepted bills of exchange and other negotiable instruments;

That P. Mackiewich, Secretary-Treasurer, be and is hereby authorized for and on behalf of the said Corporation to obtain delivery from the said Bank of all or any stocks, bonds or other securities held by the said Bank in safekeeping or otherwise for the account of the Corporation and to give valid and binding receipts therefor;

That this resolution be communicated to the said Bank and remain in force until written notice to the contrary shall have been given to the Manager for the time being at the Branch of the Bank at which the account of the said Corporation is kept and receipt of such notice duly acknowledged in writing."

CARRIED.

OTHER MATTERS:

HOUSE BOATS: Okanagan Lake:

It was noted that a request has been made by Okanagan Houseboats Ltd. to place houseboats on Okanagan Lake, which activities would be similar to those on Shuswap Lake.

After some discussion, it was moved by Director Clarke, seconded by Director Blattner:

"That a letter be written to the Ministry of Health recommending that they consider applying regulations and inspections of houseboats to ensure that they have proper disposal facilities."

CARRIED.

THANKS: N.O.R.D.:

The Chairman recommended that a letter be written to the North Okanagan Regional District thanking them for hosting the meeting.

NEXT MEETNG: It was agreed that the next regular meeting would be held in Penticton, B. C. at the call of the Chair.

It was also agreed that Mr. R. Nickel be invited to the next meeting of the Board so that he can deliver a progress report.

ADJOURNMENT:

There being no further business, the meeting adjourned at 5:45 p.m. on a motion of Director Blattner.

CHAIRMAN



SECRETARY-TREASURER

PM/las

CHAIRMAN



SECRETARY-TREASURER

PM/las

OKANAGAN BASIN WATER BOARD

MINUTES OF A MEETING OF THE OKANAGAN BASIN WATER BOARD IN COMMITTEE OF THE WHOLE HELD IN THE REGIONAL DISTRICT OF NORTH OKANAGAN BOARD ROOM, 2903 - 35TH AVENUE, VERNON, B. C. HELD ON THURSDAY, FEBRUARY 13TH, 1986 AT 5:45 P.M

PRESENT: Chairman E. Lamont Central Okanagan Reg. Dist.
Director A. Horning Central Okanagan Reg. Dist.
Director H. Blattner North Okanagan Reg. Dist.
Director A. Clarke North Okanagan Reg. Dist.
Director A. Hill North Okanagan Reg. Dist.
Director D. Battison Okanagan-Similkameen Reg. Dist.
Director R. Frost Okanagan-Similkameen Reg. Dist.
Director E. R. Hermiston Okanagan-Similkameen Reg. Dist.

STAFF: P. Mackiewich Administrator

The Chairman expressed concern over the stability of Continental Bank and recommended that any money which the Board has on deposit with that bank be withdrawn.

After some discussion, it was moved by Director Frost, seconded by Director Blattner:

"That as term deposits held by the Continental Bank mature, they not be renewed and that no new deposits be placed with the Continental Bank."

CARRIED.

BENEFIT PACKAGE - MR. GREG ARMOUR:

The Administrator advised the Board that up until now, Mr. Armour was covered by his wife's benefit package, including dental, life insurance, medical, and so on, and he now requests that he be provided with similar coverage enjoyed by the employees of the North Okanagan Regional District.

Moved by Director Battison, seconded by Director Hill:

"That Mr. Greg Armour be provided with the same benefit package enjoyed by the employees of the Regional District of North Okanagan."

CARRIED.

ADJOURNMENT:

There being no further business, the meeting adjourned at 6:00 p.m. on a motion of Director Blattner.

CHAIRMAN



SECRETARY-TREASURER

PM/las

CHAIRMAN



SECRETARY-TREASURER

PM/las

OKANAGAN BASIN WATER BOARD

MINUTES OF A MEETING OF THE AQUATIC PLANT MANAGEMENT COMMITTEE HELD IN THE
REGIONAL DISTRICT OF NORTH OKANAGAN BOARD ROOM, 2903 - 25TH AVENUE, VERNON,
B. C. ON WEDNESDAY, MARCH 19TH, 1986 AT 2:35 P.M.

<u>PRESENT:</u>	Chairman E. Lamont	C.O.R.D.
	Director R. P. Frost	O.S.R.D.
	Director A. Clarke	N.O.R.D.
<u>ALSO PRESENT:</u>	Mr. M. Maxnuk	Ministry of Environment
<u>STAFF:</u>	P. Mackiewich	Okanagan Basin Water Board
	G. Armour	Okanagan Basin Water Board

1986 BUDGETARY REQUIREMENTS:

Mr. Armour reviewed the 1986 budgetary requirements and noted that provision has been made for increased winter work by almost doubling the rototilling budget and at the same time decreasing harvesting funds.

WINTER TILLAGE SCHEDULE FOR 1985/86:

The attached Winter Tillage Update and Aquatic Weed Harvesting Schedule for 1986 was circulated and discussed.

Tillage Equipment:

It was noted that the Ministry of Environment rototiller has not really been available to the Okanagan Basin Water Board because it is being used by other areas. At the same time, problems are being experienced with the bombardier because it is not really meant to work in water.

Mr. Maxnuk noted that a new amphibian machine called a "Hagglund" is available at a cost of approximately \$120,000 and it appears that the Ministry of Environment officials may be receptive to the acquisition of such additional equipment. It has articulated steering and can work in substantially deeper water. Mr. Armour advised that even if the machine could work in 6 ft. of water, it would significantly increase the area which could be cultivated. The bombardier can only work in one meter of water.

It appears that the options at the present time are:

1. Replace the old bombardier with the new one;
2. Acquire the Hagglund Amphibian machine;
3. Custom design and build a new derooting machine;
4. Purchase another rototiller.

The Committee recommended that the Hagglund amphibian machine be tried before the next Board meeting to determine if it is effective in towing a cultivator.

The Committee also recommended that a letter be written to the Ministry of Environment expressing concern that the Ministry's rototiller is not available for enough time and as a result, the Board's program is significantly affected by the increased demand for the machine by other areas.

The rototilling program could have been finished in Kalamalka Lake had the second machine been available.

Director Frost asked how much a rototiller and the amphibian machine would cost to acquire and whether it could be handled with a levy of approximately 1/10 of a mill.

Director Frost was advised that the two machines together would cost about \$200,000 and if the Ministry agrees, our cost would be about \$50,000 and this sum could be raised by a levy of less than 1/10 of a mill.

The Committee recommended that with the equipment we do have, consideration be given to operating seven days per week during the harvesting season.

SPOILS DISPOSAL:

The Committee was advised that last year Bill Brant Ent. removed the spoils disposal from the Vernon area for a contract price of \$3,993.00 and Mark Turton removed the Kelowna spoils for \$2,500.00.

The Committee recommended that, rather than asking for new bids, the two contractors be contacted to determine if they will provide the service in 1986 for the same price and if their price does not increase by more than 10% over last year, they be awarded the work again.

SALARIES:

It was noted that the aquatic weed harvesting crew did not receive any salary increase in 1985.

The Committee recommended that any crew member, excluding Mr. Armour, who has worked for more than two seasons be awarded a salary increase of 3% effective April 1st, 1986.

DUCK LAKE HARVESTING:

The Committee noted that pressure continues to be exerted for harvesting of the aquatic weeds in Duck Lake and that this could be accomplished by using the fourth harvester if the three other harvesters work elsewhere on a seven day per week basis.

It would likely be necessary to cut the weeds at least twice during the season and the cost be approximately \$5,000.00.

The Committee recommended that the weeds be harvested in Duck Lake if it can be fitted in with the harvesting schedule, but such cutting not be considered as a top priority.

PENTICTON OX-BOWS:

Mr. Maxnuk advised that a letter was received from South Beach Gardens R.V. Park requesting that weeds be removed from the old river channel in south Penticton.

The Committee felt that such weed removal is not the responsibility of the Okanagan Basin Water Board and other means of harvesting should be explored such as obtaining funds from the Challenge '86 and other programs which may be available.

SPECIALIZED WEED CONTROL PROGRAM FOR MARINAS:

Mr. Maxnuk noted that the existing equipment has problems in harvesting weeds at marinas and that the requirements of the marinas are actually over and above funds provided in the budget. The lake bottom in these areas are almost always littered with junk which adds problems.

Mr. Maxnuk agreed to provide some suggestions for the next meeting, perhaps something of an experimental nature can be carried out.

The Committee recommended that the marina owners be invited to the next regular meeting of the Board to discuss the problem.

UPDATED VALLEY WIDE WEED SURVEYS:

Mr. Maxnuk advised that the Aquatic Weed Records are very dated and should be updated.

The Committee requested that a formal request be made to the Ministry of Environment to repeat the documentation procedure covering aquatic weeds completed in 1978.

OTHER MATTERS:

Office Lease - Ministry of Environment space:

The Committee was advised that for administrative convenience, the lease on the building occupied by Mr. Maxnuk's office is between the landlord and the Okanagan Basin Water Board with 100% reimbursement of the costs incurred by the Ministry.

The Committee recommended that this arrangement be continued and the lease be renewed for a further two year term, with the Ministry reimbursing the Board for 100% of the lease costs.

Okanagan Basin Study Recommendations:

The Committee recommended that a summary of the Okanagan Basin Study Recommendations be circulated for the information of the Board.

Next Regular Meeting:



The Committee agreed that the next regular meeting of the Board be held in Penticton, B. C. on April 24th, 1986 and that Mr. Harold Thompson be asked to update the Board on foreshore planning being carried out.

Include Columbia-Shuswap Regional District in Deliberation:


The Committee recommended that the Board discuss whether or not Columbia-Shuswap Regional District should be invited to participate in the deliberations of the Okanagan Basin Water Board.

ADJOURNMENT:

There being no further business, the meeting adjourned at 4:45 p.m.

 _____ CHAIRMAN	 _____ SECRETARY-TREASURER
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There being no further business, the meeting adjourned at 4:45 p.m.

 _____ CHAIRMAN	 _____ SECRETARY-TREASURER
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WINTER TILLAGE UPDATE

Areas Completed:

Okanagan Landing: Kinsmen Beach and Sandy Beach
- Fall, 1985

Kalamalka Lake: Kal Beach to Coldstream Creek
- Fall, 1985 to March, 1986

Kelowna Foreshore: Fall, 1985 to Spring, 1986*

Areas to be Done:

Kalamalka Lake: Kinloch Drive Area - Not completed by dredging

Kalamalka Lake: Oyama Canal Clean-up

Wood Lake: South end - expand area treated in 1985

Skaha Lake: Skaha Beach and Recreation West Marina

Osoyoos Lake: Willow Beach
Motel Row
Washington State Rototiller Trial

Possible Sites:

Oyama Creek

Kelowna Foreshore: Deeper water zone beyond bombardier treated area

Skaha Lake: Okanagan Falls Boat Launch Area

Notes:

Fall Season was shortened by cold weather (end rototilling November 20th, 1985; bombardier November 22nd, 1985)

Started rototilling again on February 4th, 1986. Shut down February 17th, 1986 to March 10th, 1986 due to ice on Kalamalka Lake.

Ministry of Environment Rototiller was unavailable for O.B.W.B. use from May 23rd, 1985 to present, due to use by Cultus Lake Parks Board, Columbia Shuswap Regional District and City of Nanaimo.

Bombardier skidder is encountering numerous mechanical problems. We may wish to consider replacement of this equipment.

Skaha Lake (Recreation West Marina):

May 9th to May 16th, 1985 - approximately 1.3 ha treated

- second year of rototilling
- only about 10% - 15% of pre-rototilling weed density this year.

Willow Beach (Osoyoos):

Not treated in 1985.

COSTS:

- (excluding 1984 work at Okanagan Landing)
- overlap 1984/85 and 1985/86 fiscal years.

* Operators Wages	\$ 15,815.04
** Equipment Transport	6,298.22
Pick-up Rental	5,433.78
Fuel and Lubricants	3,339.79
Repairs and Maintenance	<u>9,449.09</u>
TOTAL	\$ <u>40,335.92</u>

* Increased wages for two operators in seven day/week sites

** Includes cost of modifying transport trailers for air brakes on new truck

AQUATIC WEED HARVESTING SCHEDULE - 1986

The Okanagan Basin Water Board has four aquatic weed harvesters available, however, the success of winter derooting combined with less vigorous plant growth in certain areas may allow completion of the regular schedule using only three machines.

Additional harvesting of areas such as Ellison (Duck) Lake could be accomplished using the remaining harvester.

Plant growth rates will be assessed during early summer to determine harvesting start dates and the advisability of proceeding with three units.

Funds allocated for summer harvesting have been reduced from \$93,366 in 1985 to \$85,000 in 1986. Should there be any additional savings, the funding will be used in winter derooting.

Priority areas for harvesting will, again, be public beaches and parks, resorts and recreational areas, with clean-up of private foreshore areas being done as the time and funding permits.

The following is a tentative schedule with dates being approximate:

1. South Okanagan: Aquamarine Harvester # 1
June 16th to July 4th:

Skaha Lake North End: Public Beach, Marina, and Boat Launch
Kaleden Area: Resorts, Public Beach, and Boat Launch
Okanagan Falls: Provincial Beach, Boat Launch, and Resort Area
East side: Sunny Bay, Skaha Estates, Southeast Penticton
- Osoyoos Lake July 7th to 25th
Motel Row, Civic Park, Starlite Marina
East Shore to Willow Beach
Central and South Basins
- Vaseux Lake July 28th to August 8th
Provincial Campground and Resort, East shore residential, if time permits
South shore - motel and river channel if required to improve water flow.
Repeat cutting in Skaha and Osoyoos Lakes as time permits.

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2. Central Okanagan: Altosar Harvester
June 16th to August 29th
- Westside at Kelowna: Westbank Park, Boat Launch and Government Marina
Residential areas, if time permits
- Kelowna Foreshore: Seaplane base Boat Launch, Hot Sands Beach, Yacht Club, Rotary Beach North to Bridge with priority given to Public use areas
- Note: Shallow areas were cultivated in the fall and early winter to reduce harveting required
- Peachland foreshore to Antler's Beach
- Westbank sites - second cut
- north on Westside to Wilson's Landing concentrating on public sites
- Harvester 3 may do a second harvest of Kelowna sites or move to Wood Lake for a second cut
3. Okanagan North: Aquamarine Harvester # 2
June 16th to July 4th
- Wood Lake South End as necessary following spring rototilling
East Shore resorts
North End - Marina and Park
July 7th to August 15th
- Okanagan Lake Vernon Arm - Paddlewheel Park area, marinas, Kin Beach
Vernon Arm - Residential areas on east and west side. Secondary priority
Westside: Naswhito Creek, Six Mile, Whiteman Creek, Estamont, Fintry (time permitting)
Repeat cutting in Wood Lake to August 29th.

TABLE 1: AREA HARVESTED IN THE OKANAGAN VALLEY FROM 1979 TO 1985

YEAR	LOADS	TONNES	ESTIMATED AREA
1979	1651	3,880	97.2
1980	1341	2,985	110
1981	1906	4,104	153
1982	1533	3,207	121.5
1983	1458	2,987	113.8
1984	1440	2,817	109.4
1985	1189	2,294	89.7

TABLE 2: AREA HARVESTED IN EACH LAKE IN THE OKANAGAN VALLEY FROM 1979 TO 1985

LAKE	Estimated Area By Year (ha)						
	1979	1980	1981	1982	1983	1984	1985
Osoyoos	38	43	57	33	19.5	9.6	15.9
Vaseux	11	13	15	3	12.5	10.6	8.7
O.K. River	0	10	4	5	4.5	3.7	4.5
Skaha	2	3	11	16.5	20.7	9.9	17.7
Okanagan	46	39	60	56	42.8	59.6	34.7
Wood	0	2	4	8	13.8	16.0	8.2
TOTAL	97	110	151	121.5	113.8	109.4	89.7

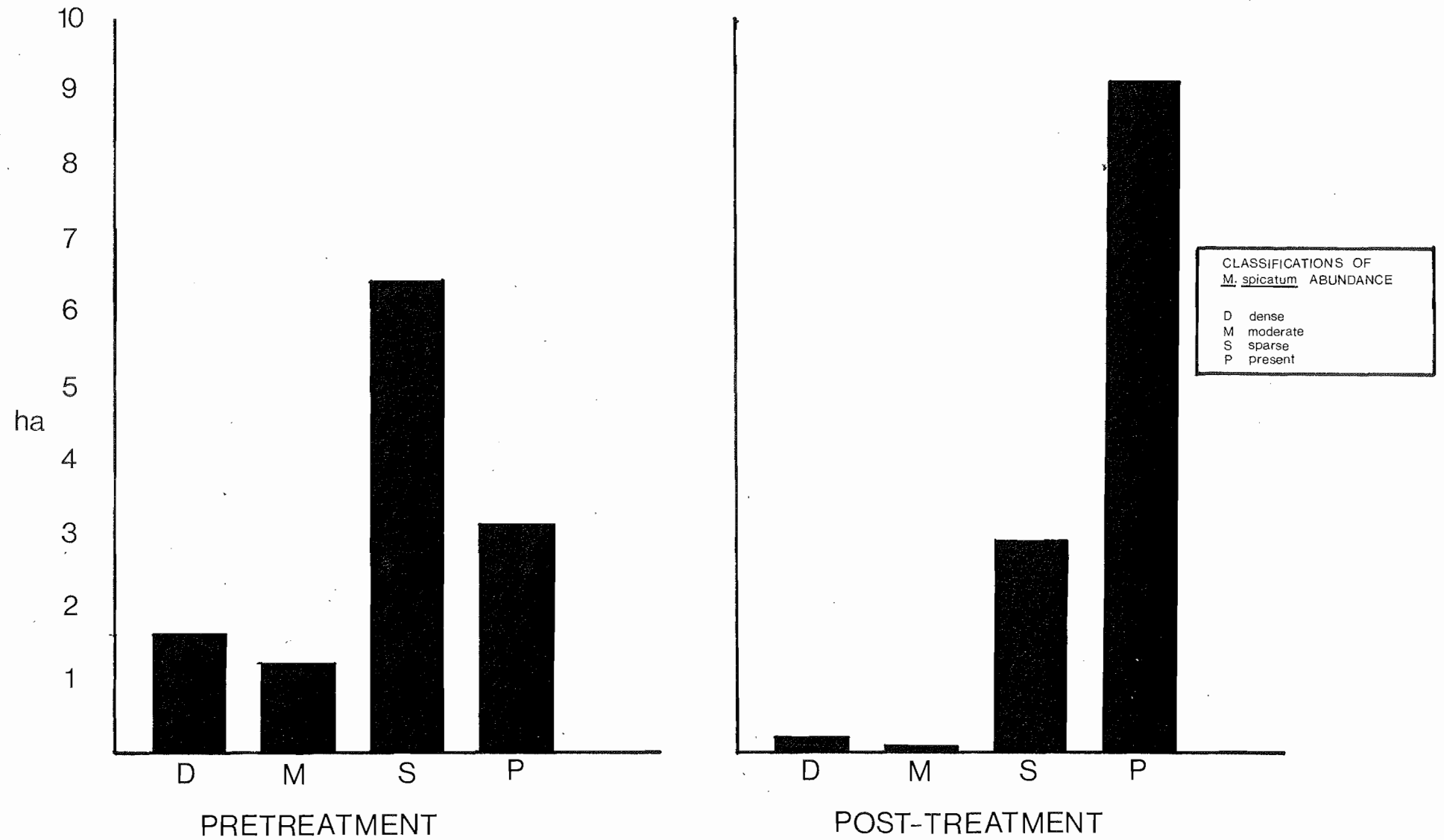
TABLE 3: SUMMARY OF 1985 OKANAGAN CONTROL PROGRAM

TREATMENT METHOD	EQUIPMENT USED	DATES TREATED	AREA TREATED	COST	COMMENTS / RECOMMENDATIONS
HARVESTING SEE TABLES 1 and 2.	3 AQUAMARINE 1 ALTOSAR 1978 INTN'L	JUNE 17 - AUGUST 30/85	90 ha	\$84,420	Program effective. Consider similar program for 1986 but using 3 harvesters instead of 4 to reflect the continued reduction in area treated.
DIVER - DREDGING	1 DIVER - OPERATED SUCTION DREDGE	JUNE 24 - NOVEMBER 1/85	29,958 m ² 3.0 ha	60,104	Program effective. Estimated 79% removal within target areas. Consider using bottom barriers in areas missed by dredge.
BOTTOM BARRIERS	TEXEL BOTTOM BARRIER SCUBA DIVERS	OCTOBER 9-13 1985	3119 m ² .3 ha	9,572	Program effective. Estimated 95% removal within target areas. Continue covering small dense patches with bottom barrier in 1986.
DEROOTING SEE TABLE 4	FLOATING ROTO- TILLER COLD BOMBARDIER - CULTIVATOR	OCTOBER 3/84 - MAY 16/85	47.9 ha	40,584	Program effective. Recommend continued use of derooting in 1986 in as many high use areas that are suitable.

TABLE 4: SUMMARY OF OKANAGAN 1985-86 DEROOTING TREATMENTS

SITE	METHOD	OPERATION		AREA (ha)	COMMENTS AND RECOMMENDATIONS	
		DATES	DATES			
KINSHAW BEACH	ROTAVATION	Oct. 3 - Nov. 8/84		3.0	96% reduction from Sparse to Present, Rotavate again in 86	
KALMAYUKA BEACH	ROTAVATION	Jan. 29 - Apr. 1/85		7.3	reduced to present, retreat in 1986	
QUAHA CANAL/KALS	ROTAVATION	Apr. 2-11/85		1.7	reduced 98% to present, Skip rotavation in 86 to avoid unnecessary bottom area disturbance.	
WOOD LK - S END	ROTAVATION	Apr. 12 - May 6/85		2.7	reduced 93% to sparse, retreat and enlarge area in 1986.	
REC - WEST - SKAHA	ROTAVATION	May 9 - 16/85		1.6	reduced 75% to sparse/present levels treat in 86 only if pre-treat abundance is $> 10 \text{ st/ha}$.	
KELOWNA FORESHORE	CULTIVATION	Feb. 25 - Apr. 19/85		22.4	- large treatment represents ~ 50% all derooted areas, reduced or held to sparse level, retreat in 86	
MOTEL ROW - OSOYCOOS	CULTIVATION	Apr. 23 - 30/85		9.2	reduced 88% to present, skip treatment until abundance level reaches 710 st/ha ?	

FIGURE 1: KALAMALKA LAKE 1985 SEMI-INTENSIVE PROGRAM - DENSITY CLASS DISTRIBUTION OF *M. spicatum* WITHIN TREATMENT SITES



OKANAGAN BASIN WATER BOARD

MINUTES OF A MEETING OF THE OKANAGAN BASIN WATER BOARD IN COMMITTEE OF THE
WHOLE HELD IN THE COUNCIL CHAMBERS OF THE CITY OF PENTICTON, 171 MAIN STREET,
PENTICTON, B. C. HELD ON WEDNESDAY, APRIL 30th, 1986 AT 4:10 P.M.

PRESENT: Chairman E. Lamont Central Okanagan Regional District
Director A. Clarke North Okanagan Regional District
Director H. Blattner North Okanagan Regional District
Director A. Hill North Okanagan Regional District
Director R. Frost Okanagan-Similkameen Reg. District
Director R. Hermiston Okanagan-Similkameen Reg. District
Alt. Director J. Piazza Okanagan-Similkameen Reg. District

STAFF: P. Mackiewich Administrator

DIRECTOR Confidential Letter re City of Vernon's Proposed Deep Outfall
A. HILL: into Okanagan Lake:

A confidential letter from Director A. Hill expressing concern over the City of Vernon's proposed deep outfall into Okanagan Lake for the discharge of sewage effluent was circulated among the members of the Board for information.

Director Clarke stated that on behalf of the Council of the City of Vernon, she must point out that many of the statements contained in this letter are erroneous and ill researched.

She noted that the Waste Management Plan for the City of Vernon has been approved by all of the authorities and its recommendations have not been arrived at lightly and are considered to be in the best interests of the Greater Vernon area.

Director Blattner expressed concern that the spraying of effluent on forest land has not been tried.

Director Clarke replied that the City of Vernon has spent in excess of \$15,000 to hire experts to study the feasibility of spraying trees and the study recommends that the City experiment with the spraying of trees on small acreages, but not to undertake a large project of this kind at this time.

The Chairman suggested that perhaps the conclusion of this study could be circulated among the Board members for information.

Moved by Director Blattner, seconded by Alt. Director Piazza:

"That Director Clarke reply to Director Hill's letter pointing out the erroneous and ill-researched parts of the letter."

After a lengthy discussion, the motion was carried.

HOUSEBOAT
PROBLEMS:

Mr. E. Lalonde, Administrator, Columbia-Shuswap Regional District, joined the meeting. He advised the meeting that the Columbia-Shuswap Regional District experienced a large influx of houseboats last year, resulting in a flood of complaints.

The C.S.R.D. Board took a position that rather than try to regulate the houseboats, they would try to work within the industry to achieve self-regulation. As a result, meetings

were held and it was agreed by the industry that they would do such things as prohibit amplification equipment to reduce noise and to look at the beaching and mooring problems. The Board has also worked with the Ministry of Environment and the Ministry of Lands, Parks, and Housing and Shuswap Lake was surveyed and a map was developed showing moorage areas and all seemed to be happy with the attempt to segregate the houseboats from beach users.

Sewage disposal was addressed and the Houseboat Association agreed to convert its boats so that all gray water, with the exception of showers, would be discharged into a holding tank and not into the lake. There still seems to be some social problems with the discharge of the showers into the lake, but there are no major environmental problems with this practice.

The Ministry of Lands, Parks, and Housing and the R.C.M.P. are working well with the Board in development of a foreshore plan, noise control regulations, and so on.

In order to endeavour to substantiate the perceived pollution problem, 135 pollution monitoring stations have been established around the lake.

Mr. Lalonde noted that the Regional District has undertaken a two-year, \$120,000 program covering this problem. \$30,000 has been obtained through direct taxation and \$30,000 was obtained from the Planning Grant. Next year \$30,000 again will be obtained from direct taxation and the Board is looking at funding from other Ministries for the balance.

After some questions and answers, Mr. Lalonde was thanked for his presentation.

ADJOURNMENT:

Following a general discussion relating to the City of Vernon's Waste Management Plan and Director Hill's letter, the meeting adjourned at 5:15 p.m. on a motion of Director Frost.



CHAIRMAN



SECRETARY-TREASURER

OKANAGAN BASIN WATER BOARD

MINUTES OF A REGULAR MEETING OF THE OKANAGAN BASIN WATER BOARD HELD IN THE
CITY OF PENTICTON COUNCIL CHAMBERS, 171 MAIN STREET, PENTICTON, B. C. ON
WEDNESDAY, APRIL 30th, 1986 AT 1:40 P.M.

PRESENT:

Chairman E. Lamont	Central Okanagan Regional District
Director A. Horning	Central Okanagan Regional District
Director A. Clarke	North Okanagan Regional District
Director H. Blattner	North Okanagan Regional District
Director A. Hill	North Okanagan Regional District
Director R. Frost	Okanagan-Similkameen Reg. District
Director R. Hermiston	Okanagan-Similkameen Reg. District
Alt. Director J. Piazza	Okanagan-Similkameen Reg. District

ALSO PRESENT:

Dr. P. Newroth	Ministry of Environment
Mr. M. Maxnuk	Ministry of Environment
Mr. R. Nickel	Waste Management Branch
Mr. E. Lalonde	Columbia-Shuswap Regional District
Mr. J. Rheaume	Okanagan-Similkameen Reg. District
Mr. H. Thompson	Okanagan-Similkameen Reg. District
Mr. P. Bloodoff	Okanagan-Similkameen Reg. District

STAFF:

P. Mackiewich	Administrator
G. Armour	Field Supervisor

Vice-Chairman A. Clarke called the meeting to order and assumed the Chair until the Chairman arrived.

MINUTES:

Moved by Director Blattner, seconded by Director Frost:

"That the minutes of a regular meeting of the Okanagan Basin Water Board held on February 13th, 1986 be adopted as circulated."

CARRIED.

Further moved by Director Frost, seconded by Director Blattner:

"That the minutes of a meeting of the Okanagan Basin Water Board in Committee of the whole held on February 13th, 1986 be adopted as circulated."

CARRIED.

Chairman Lamont and Director Horning entered the meeting and Chairman Lamont then assumed the Chair.

DELEGATIONS:

PROGRESS REPORT: Mr. R. Nickel, Water Quality Control Project Leader:

Mr. Nickel addressed the Board and advised that the Water Quality Control Project has been broken off into two sections, one being diffuse sources of effluent and the second being the point sources of effluent. Insofar as the point sources are concerned, the project team has been working with the City of Vernon and has broken the project down into five assignments.

The Chairman and Director Horning entered the meeting.

At the present time the interpretation phase is underway. In the community of Westbank the Central Okanagan Regional District is responsible for the waste treatment plant and has amended the Waste Management Plan for Westbank. Early approval is expected for Westbank's Waste Management Plan.

In Penticton the Open House for their Waste Management Plan will be on May 27th and 28th, 1986.

In Armstrong and Osoyoos terms of reference are being developed for the preparation of the Waste Management Plans. The team is endeavouring to have all plans completed by April, 1987.

Insofar as diffuse sources are concerned, the project team has been dealing with the Provincial and Federal Ministries of Agriculture. They intend to contract out the survey of the Okanagan and will look at agricultural management practices with a view of reducing the phosphorous loading into the lake system. An effort will be made to develop a control strategy in the first year.

The forest service and the forest industries have also been consulted and are looking at watershed control qualities for the Okanagan. For septic tank disposal, soil mapping is being done and the information is being manipulated. The idea is to incorporate the septic tank control into Waste Management Plans with the Regional Districts.

Soil mapping will be completed for the whole Basin and this information will be manipulated for soil zoning. Basically it will consist of large scale mapping.

Discussion arose over Mr. Nickel's comments and he advised that what the Okanagan Water Quality Control Project team is really doing is the next step of the Okanagan Basin Study recommendations. He stated that once the Waste Management Plan has been approved and adopted, there should be a commitment with dollars to implement the plan from both the local and provincial governments. When regional districts or municipalities are completing their Waste Management Plans, they should be completed with the view that there is a good potential to implement the plan recommendations. The plans may impact on land uses and densities.

After some discussion, Mr. Nickel was thanked for his presentation and left the meeting.

MR. H. THOMPSON: Foreshore Plan:

Mr. H. Thompson, Planning Director, Okanagan-Similkameen Regional District, addressed the Board and advised that Shorezone Plans have been prepared for Summerland and Osoyoos. These plans include upland, local, and foreshore zoning.

At the present time there is a conflict of jurisdiction in these areas and hopefully the approval and adoption of these plans will alleviate this conflict. The Ministry of Lands, Parks, and Housing is responsible for foreshore uses and some offshore uses and the Federal Government also has jurisdiction in these areas as well. However, whatever happens on the offshore and foreshore generally affects the uplands, but because of split jurisdictions, such activities are difficult to control.

What the municipalities and Regional District hope to accomplish with adopted shorezone plan is to receive joint agreements for the administration of the plan through the municipal structure.

Mr. Thompson noted that Summerland's Plan was adopted over three years ago by the municipality, however they are still awaiting for the Ministries to agree how it will be managed.

Mr. P. Bloodoff noted that the entities are trying to get better management of the shorezone and they're really saying let's get together and do it; who is better qualified to administer these areas than the local government.

Mr. Bloodoff showed plans of what can be accomplished on the shorezone, as well as slides for both Summerland and Osoyoos.

Director Frost suggested that more communities look at development of shorezone plans in view of problems such as houseboats and so on.

Mr. Thompson noted that the Ministries do not have the ability to do any enforcement work and that if the municipalities had jurisdiction over the shorezone areas, they would be in a better position to enforce the plan for such things as wharfs, retaining walls, and other uses which may infringe.

After some discussion, it was moved by Director Frost, seconded by Director Hermiston:

"That a letter be written to the Minister of Lands, Parks, and Housing recommending that he speed up the approval process for the shorezone plans and, further, that a strong recommendation be made to every municipality and Regional District in the Okanagan Basin which has lakeshore within its boundaries to develop shorezone plans."

CARRIED.

COMMITTEE REPORTS:

AQUATIC PLANT MANAGEMENT:

The Board reviewed the minutes of a meeting of the Aquatic Plant Management Committee held on March 19th, 1986 and the following recommendations were made:

Tillage Equipment:

Mr. Maxnuk noted that the recommendation of the Committee that the Haglund amphibian machine be tried before the next Board meeting was not possible because the Haglund dealership has been moved out of Kelowna. The dealer, in any event, did not feel that the Haglund machine could work in deeper water than the bombardier and there was no point in spending that much money for a machine with little or no advantage.

Mr. Armour advised that the staff is looking at cultivation alternatives for less cost than the Haglund. The problem with the bombardier is that it's seventeen years and when it works in water silt gets into the gear cases and creates problems. The new bombardiers have identical designs, therefore similar problems would occur.

Dr. Newroth recommended that when new equipment is being considered and Provincial funding is to be requested, the budget should be submitted by July.

Moved by Director Frost, seconded by Director Clarke:

"That the Provincial Government be requested to provide up to \$100,000 to replace the old bombardier."

CARRIED.

Tillage Schedule:

Director Hermiston noted that Summerland was omitted from the tillage schedule considered at the committee meeting.

Mr. Armour advised that this was an oversight and that Trout Creek, Wharf Street Boat Launch, the Yacht Club, and the Lakeshore Tent & Trailer Park will be harvested on schedule.

The Chairman recommended that the District of Summerland identify other areas which may need control.

Mr. Armour stated that the schedule for Osoyoos will include three machines rather than four. The fourth machine will be required early in the season only, so the schedule will need to be changed in that respect.

The use of the second rototiller was also discussed and Mr. Armour advised that the second machine is not available to the Okanagan Basin Water Board for a good part of the year.

Dr. Newroth replied that the argument for obtaining the second machine was that the Provincial machine was not available for enough time. He also noted that insufficient funds have been approved in the operating budget to operate a second rototiller, in any event. He also stated that although the Ministry's estimates have not been approved for the 1986/87 fiscal year, indications are that the Board's budget as submitted should receive approval.

Mr. E. Lalonde, Administrator, Columbia-Shuswap Regional District, indicated that it would be a positive step to ask the Columbia-Shuswap Regional District to join the Okanagan Basin Water Board because it appears that the problems that have been discussed are common and everyone can benefit by joint membership. He noted, however, that the Columbia Shuswap deals with a completely different lake system and it may be that it is practical to go separate ways.

Penticton Ox-bows:

Mr. Armour advised that the request to harvest the Penticton Ox-bows may not be the most effective way of cleaning up the mess in this area. The ox-bows are littered with junk and other debris in the water.

Director Horning left the meeting.

Mr. Maxnuk stated that last time it took three days to harvest the ox-bows. The residents are concerned over the algae bloom, the mosquitoes, odour, and weeds. The main problem appears to be that no water flows through the ox-bows which are located on Crown land.

Moved by Director Frost, seconded by Director Hermiston:

"That the request received from the South Beach Gardens R.V. Park to remove weeds from the old river channel in south Penticton (Ox-bows) be declined and the Board not react to such requests and concentrate its efforts on the removal of weeds from the main lakes system."

CARRIED.

Minutes:

Moved by Director Frost, seconded by Director Blattner:

"That the minutes of a meeting of the Aquatic Plant Management Committee held on March 19th, 1986 be now adopted."

CARRIED.

CORRESPONDENCE:

CONCERN OVER HOUSEBOATS:

Ministry of Health, Ministry of Lands, Parks, and Housing, District of Peachland, Ogopogo Committee, Mrs. P. Hesketh, Naramata Citizens' Association:

Moved by Director Frost, seconded by Director Hill:

"That the correspondence from the Ministry of Health, Ministry of Lands, Parks, and Housing, District of Peachland, Ogopogo Committee, Mrs. P. Hesketh, and Naramata Citizens' Association be tabled until such time as the Committee of Okanagan Valley Administrators files its recommendations covering the matter of boats on the lakes."

CARRIED.

MINISTER OF HEALTH:

Not Prepared to Change Sewage Regulations:

Correspondence was received from the Minister of Health advising that until the legal and administrative issues regarding on-site sewage disposal in the Okanagan area are resolved, he is not prepared to consider amendments to the Health Act and related regulations.

Moved by Director Blattner, seconded by Director Clarke:

"That the Minister of Health be asked to explain what the legal and administrative issues regarding on-site sewage are."

CARRIED.

A. BARNES:

Skaha Beach Improved:

A letter from A. Barnes advising that since the Eurasian water milfoil weed control program has been implemented over the last seven years on Skaha Beach in Penticton there has been a vast improvement around the beach area, was received and filed.

SEWERAGE FACILITIES ASSISTANCE GRANTS:

Moved by Director Frost, seconded by Alt. Director Piazza:

"That the following Sewerage Facilities Assistance Grants be approved for payment:

Town of Osoyoos	July 1 - Dec. 31/85	\$ 36,540.69
Village of Oliver	July 1 - Dec. 31/85	\$ 42,567.08
O.S.R.D.	July 1 - Dec. 31/85	\$ 38,087.14."

CARRIED.

NEW AND UNFINISHED BUSINESS:

PURCHASE:

Pick-up Truck:

The Board was advised that a substantial rental is being paid each year to have a pick-up truck available for the crew and the Administrator felt that a good unit could be purchased for approximately \$5,000 and a lease fee of between \$300 to \$350 per month could be eliminated.

Dr. Newroth advised that it is a policy of the government not to purchase units, but to lease them wherever possible.

Moved by Director Blattner, seconded by Director Frost:

"That the Administrator be authorized to purchase a pick-up truck for approximately \$5,000 and to recover the Province's share by charging rental in the normal manner."

CARRIED.

RENEW
AGREEMENT:

Aquatic Plant Management with Province of British Columbia:

Moved by Alt. Director Piazza, seconded by Director Hermiston:

"That the agreement between the Okanagan Basin Water Board and the Province of British Columbia covering Aquatic Plant Management and dated March 31st, 1981 be renewed for a further five-year term."

CARRIED.

ADJOURNMENT:

There being no further business, the meeting adjourned at 4:00 p.m. on a motion of Director Blattner.

CHAIRMAN

SECRETARY-TREASURER

PM/las

OKANAGAN BASIN WATER BOARD

MINUTES OF A MEETING OF THE AQUATIC PLANT MANAGEMENT COMMITTEE HELD IN THE REGIONAL DISTRICT OF NORTH OKANAGAN BOARD ROOM, 2903 - 25TH AVENUE, VERNON, B. C. ON THURSDAY, JULY 17TH, 1986 AT 1:30 P.M.

<u>PRESENT:</u>	Chairman E. Lamont	C.O.R.D.
	Director R. P. Frost	O.S.R.D.
	Director A. Clarke	N.O.R.D.
 <u>ALSO PRESENT:</u>	Mr. M. Maxnuk	Ministry of Environment
	Dr. P. Newroth	Ministry of Environment
	Mr. D. Dobson	Ministry of Environment
 <u>STAFF:</u>	P. Mackiewich	Okanagan Basin Water Board
	G. Armour	Okanagan Basin Water Board

CURRENT BUDGET AND AQUATIC PLANT MANAGEMENT AGREEMENT:

Dr. Newroth reported that a check with his office today revealed that the agreement for Aquatic Plant Management in the Okanagan Basin has been extended for a further five year term as requested by the Board and the current budget has been approved.

Dr. Newroth also advised that the 1987/88 budget must be submitted.

The Administrator again expressed concern that the Ministry requires a budget for the next fiscal year when it is still not officially known whether or not the current budget has been approved.

INVOICING AND PAYMENT OF ACCOUNTS:

A lengthy discussion arose over the manner in which the invoices are submitted for payment to the Ministry and the time it takes for the Ministry to reimburse these accounts.

Dr. Newroth advised that when mistakes are made on an invoice, the entire submission is returned and this causes delays in the Board being reimbursed for its share of the expenses. In addition, if the Board does not promptly submit its invoices, interest charges incur and the Ministry is only prepared to pay interest from the date the Board invoices the Ministry and not from the date the cheques are written.

The Administrator advised that the Board is unable to obtain free money and as soon as a supplier is paid, interest charges will incur until such time as the account is reimbursed.

Dr. Newroth also suggested that due to the work load of the Regional District, perhaps the accounting could be put out to private contract.

Concern was also expressed that part of the reason that the interest is now running is that the Ministry is not reimbursing the Board for its expenditure because the aquatic plant management agreement has not been approved, yet in spite of such lack of approval, the Board is expected to make its share of the expenditure and pay 100% of the accounts.

After some debate, it was finally moved by Director Frost, seconded by Director Clarke:

"That every effort be made to invoice the Ministry for its share of the expenses incurred by the Okanagan Basin Water Board at least once per month and the present system of accounting and administration remain to the end of the contract year with the Regional District of North Okanagan."

CARRIED.

1987/88 PROVISIONAL BUDGET:

The Committee reviewed the 1987/88 Provisional Budget. It was noted that a new piece of equipment is required to replace the bombardier which is in constant need of repair.

Moved by Director Clarke, seconded by Director Frost:

"That the Provisional Budget include \$120,000 capital cost to acquire a new machine, plus an additional \$20,000 to cover the operating costs of such new equipment."

CARRIED.

The Committee asked whether the weed problem is getting licked and Mr. Armour and Mr. Maxnuk both advised that where weeds were not a problem last year, they are now growing prolifically. In addition, Kalamalka Lake should receive some treatment.

Dr. Newroth expressed concern over the weeds in Kalamalka Lake and suggested that something be done this year. He stated that even though funds are not available in this year's budget, money may be found as a result of the reduced work in the Columbia-Shuswap area because of the C.U.P.E. strike and some reallocation of funds within the current budget.

Moved by Director Frost, seconded by Director Clarke:

"That as a result of Dr. Newroth's assurance that money may be found by the Ministry, the administration proceed with the dredging work in Kalamalka Lake and request the extra funds from the Province for this work."

CARRIED.

Dr. Newroth suggested that funds from the rototilling budget be diverted to dredge Kalamalka Lake and, if later it is found that there is a shortfall, chances are good unexpended funds may be available for the work done.

Moved by Director Clarke, seconded by Director Frost:

"That a sum of \$45,000 be added to the 1987/88 Provisional Budget for the Kalamalka Lake clean up for next year."

CARRIED.

TASK REPORT - AQUATIC PLANT CONTROL:

The Aquatic Plant Control Task Report was distributed to Directors Frost and Lamont for study.

REQUEST FOR UPDATED OKANAGAN VALLEY AQUATIC PLANT DOCUMENTATION SURVEY:

A letter was received from the Ministry of Environment advising that the Board's request for updated Okanagan Valley Aquatic Plant documentation surveys will be spread over two or three years as a result of a reduction in manpower.

Dr. Newroth advised that perhaps this work can be supplemented by grant programs.

MINISTRY OF ENVIRONMENT - FISHERIES SECTION:

Correspondence was received from Mr. C. J. Bull, Fisheries Section Head, Okanagan Sub-Region, expressing concern over the rumoured introduction of grass carp to control milfoil. He stated that grass carp can have a devastating effect on sports fish and grass carp have been banned throughout most of the U.S.A.

FLows IN OKANAGAN RIVER:

Mr. Dobson stated that the Ministry is having difficulty in getting the flows up in the Okanagan River to get Okanagan Lake lowered as a result of the weeds in the channel which were not harvested last year. He stated that it will take approximately one week to harvest the channel, then the Ministry will be running the water out full steam which will reduce the level of Okanagan Lake by approximately 27 metres in 30 days.

NEXT MEETING DATE:

It was suggested that the next meeting of the Okanagan Basin Water Board be held in Kelowna tentatively during the third week of August and that the Honourable Austin Pelton, Minister of Environment, be invited to address the Board.

ADJOURNMENT:

There being no further business, the meeting adjourned at 4:05 p.m.



CHAIRMAN



SECRETARY-TREASURER

PM/las

OKANAGAN BASIN WATER BOARD

MINUTES OF A MEETING OF THE OKANAGAN BASIN WATER BOARD IN COMMITTEE OF THE WHOLE HELD IN THE REGIONAL DISTRICT OF CENTRAL OKANAGAN OFFICES, 540 GROVES AVENUE, KELOWNA, B.C. ON THURSDAY, OCTOBER 30th, 1986 AT 3:35 P.M.

<u>PRESENT:</u>	Chairman E. Lamont	Central Okanagan Regional District
	Director A. Horning	Central Okanagan Regional District
	Director N. Oystryk	Central Okanagan Regional District
	Director H. Blattner	North Okanagan Regional District
	Director A. Hill	North Okanagan Regional District
	Alt. Director M. Friesen	North Okanagan Regional District
	Director R. Frost	Okanagan-Similkameen Reg. District
	Director R. Hermiston	Okanagan-Similkameen Reg. District
	Alt. Director J. Piazza	Okanagan-Similkameen Reg. District

<u>STAFF:</u>	P. Mackiewich	Administrator
	G. Armour	Field Supervisor

ADMINISTRATIVE STRUCTURE:

The Chairman recommended that as an alternative to contracting out the administration of the Okanagan Basin Water Board a half-time accountant be hired responsible to Mr. Armour who would be responsible directly to the Board. An office is available at the Central Okanagan Regional District for approximately \$900 per year, telephone \$480 per year, and half-time accountant \$9,600 per year.

Discussion arose over whether or not such a move would be wise because this type of structure would restore the system that the three regional districts complained about when the Okanagan Basin Water Board was administered by its own staff.

Regional District administrators have experience in dealing with ministries of government, as well as their peers and local government. A change now may also be construed as the regional districts having a lack of commitment to the Okanagan Basin Water Board.

Mr. Armour expressed concern that a move from Kelowna to Vernon would be costly. He has looked into acquiring a yard for the equipment in Kelowna and prices for a suitable facility range from \$900 to \$1,000 per month, whereas in Vernon a yard is available at \$250 per month. In addition, the Provincial employees of the Ministry of Environment, Aquatic Plant Management Branch, are also located in Vernon.

It was also pointed out that at the present time Mr. Armour does not have to stop work to be involved in administrative details, however, if he were acquired to become involved in administration he would expect additional salary for such involvement. Also an extra person may then be required in the field.

After some discussion, it was moved Director Horning, seconded by Director Oystryk:

"That the administration contract with the North Okanagan Regional District be renewed at a fee of \$25,000 per annum."

CARRIED.

MR. G. ARMOUR - SALARY:

The Committee was advised that Mr. Armour's current salary is approximately \$29,000 per year, whereas Mr. Maxnuk earns about \$35,000 per year. The Committee agreed that the Chairman, together with the Administrator, evaluate Mr. Armour's position and make a recommendation covering salary to the Board.

ADJOURNMENT:

There being no further business, the meeting adjourned at
4:10 p.m.



CHAIRMAN



SECRETARY-TREASURER

PM/las

OKANAGAN BASIN WATER BOARD

MINUTES OF A REGULAR MEETING OF THE OKANAGAN BASIN WATER BOARD HELD IN THE REGIONAL DISTRICT OF CENTRAL OKANAGAN OFFICES, 540 GROVES AVENUE, KELOWNA, B.C. ON THURSDAY, OCTOBER 30th, 1986 AT 1:30 P.M.

PRESENT:

Chairman E. Lamont	Central Okanagan Regional District
Director A. Horning	Central Okanagan Regional District
Director N. Oystryk	Central Okanagan Regional District
Director H. Blattner	North Okanagan Regional District
Director A. Hill	North Okanagan Regional District
Alt. Director M. Friesen	North Okanagan Regional District
Director R. Frost	Okanagan-Similkameen Reg. District
Director R. Hermiston	Okanagan-Similkameen Reg. District
Alt. Director J. Piazza	Okanagan-Similkameen Reg. District

ALSO PRESENT:

Mr. R. Kawalilak	Director, Information Services Branch, Ministry of Environment & Parks
Mr. R. A. Nickel	Project Manager, Okanagan Water Quality Control Project, Ministry of Environment & Parks

STAFF:

P. Mackiewich	Administrator
G. Armour	Field Supervisor

MINUTES:

Moved by Director Frost, seconded by Director Hill:

"That the minutes of a regular meeting of the Okanagan Basin Water Board held on April 30th, 1986 be adopted as circulated."

CARRIED.

Further moved by Director Frost, seconded by Director Oystryk:

"That the minutes of a meeting of the Aquatic Plant Management Committee held on July 17th, 1986 be adopted and the recommendations contained therein be confirmed."

CARRIED.

DELEGATIONS:

MR. R. KAWALILAK & MR. R. NICKEL: Mr. Ron Kawalilak, Public Information Officer, Ministry of Environment and Parks, and Mr. R. Nickel, Okanagan Water Quality Control Project Leader, addressed the Board covering the work the Okanagan Water Quality Control Project team is doing in the area.

They indicated that over the years phosphorus loading into the lake system has been reduced by 70%, but it is still too high. Officials are alarmed at the growth of the number of septic tanks and increased activities in the forest and agriculture industries as each contribute about 12,000 kg of phosphorus per year. The Okanagan Water Quality team is addressing point sources of discharge and has commenced field research projects to determine the point sources and to recommend methods of implementing the control programs.

The public also has an important role in the process and will have to bear a portion of the cost locally. Mr. Kawalilak circulated a booklet called "Guidelines for Funding" under the Environmentally Sensitive Area designation made by the Provincial Government.

Mr. Nickel advised that the project team is working with Vernon, Armstrong, Kelowna, Westbank, Penticton, and Osoyoos in the development of Waste Management Plans. Vernon's Waste Management Plan has been approved. For Westbank, the Regional District of Central Okanagan is applying for Supplementary Letters Patent to commence design work of the sewage system. In Penticton, they are at Stage 2 in the development of a draft plan. Osoyoos has their plan at Stage 1. The Government is looking at making expenditures of \$20 million dollars to assist communities in developing waste management plans and upgrading sewage systems.

The agricultural field work has almost now been completed and the team will work with the Ministry of Agriculture to see how phosphorus can be reduced through farm practises and the same will apply with the Ministry of Forests.

Insofar as septic tanks are concerned, the team is completing a soil zoning for the valley, after which time the regional districts will be contacted and asked to complete Waste Management Plans.

\$228,000 has been set aside for the Province's 75% share for the development of Waste Management Plans for the three regional districts.

Discussion arose over septic tank installations being administered by two ministries, those being Health and Environment and it was suggested that these regulations be placed under the jurisdiction of a single ministry. Mr. Nickel replied that a meeting has been held among ministry officials to endeavour to resolve this issue.

Alt. Director Piazza expressed concern that Vernon and Westbank are considering the installation of deep outfall. Mr. Nickel replied that to totally remove the remaining 5% of phosphorus from the sewage would cost an additional \$160 million dollars and that is the reason the Provincial Government is looking at attacking the diffuse sources of phosphorus.

The City of Vernon presently sprays two-thirds of its total effluent and when it is necessary to discharge, it achieves 90% phosphorus removal, however, the combined methods of disposal achieve a net removal of phosphorus of 97% - 98%.

Mr. Nickel was asked whether the extension of sewage systems would be funded on a 75/25% basis and he replied that the \$20 million dollars has been allocated for the upgrading of sewage plants. Any other expenditures would be on the old 25/75% formula. The ministry is trying to encourage the municipalities to put a proper Waste Management Plan together and to identify costs of upgrading their systems.

Development of Waste Management Plans:

Moved by Director Frost, seconded by Alt. Director Piazza:

"That a letter be written to the three Okanagan Regional Districts and their member municipalities supporting the development of Waste Management Plans."

CARRIED.

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CORRESPONDENCE:

MINISTER OF ENVIRONMENT:

Extension of Agreement for Aquatic Plant Management:

A letter from the Minister of Environment advising that the aquatic plant management agreement between the Province and the Board has been extended to March 31st, 1991 was received for information.

WATER MANAGEMENT BRANCH:

Position - Okanagan Basin Request for Additional Funds:

A letter from the Water Management Branch advising that our request for additional funds will be considered when the cost of the extra work at Kalamalka Lake is known was received for information.

REGIONAL DIST. NORTH OKANAGAN:

Concern over Contract for Water Board Administration:

A letter from the Regional District of North Okanagan expressing concern over the Water Board administration was referred to Committee for discussion.

COLUMBIA-SHUSWAP REGIONAL DIST.:

Membership in Okanagan Basin Water Board:

A letter was received from the Columbia-Shuswap Regional District asking that we provide some rationale to demonstrate the merit to the Columbia Shuswap Regional District's membership in the Okanagan Basin Water Board.

The Board agreed that this matter evolve on its own.

REGIONAL DIST. NORTH OKANAGAN:

Section 977 - Municipal Act:

A copy of a letter from the Regional District of North Okanagan to the Ministry of Municipal Affairs pointing out problems with Section 997 of the Municipal Act where intensive agricultural activities may be allowed in the Agricultural Land Reserve, notwithstanding the provisions of the District Zoning By-laws.

Moved by Director Hill, seconded by Director Blattner:

"That the concerns expressed by the Regional District of North Okanagan concerning Section 997 of the Municipal Act be supported and a letter be written to the Ministry of Municipal Affairs outlining problems which can occur if intensive agricultural uses are permitted in contravention to zoning by-laws."

CARRIED.

MINISTRY OF ENVIRONMENT:

Press Release concerning Kokanee Fish Kill:

Moved by Director Frost, seconded by Director Blattner:

"That a letter be written to the Ministry of Environment asking whether or not they have determined what caused the recent Kokanee fish kill in Okanagan Lake."

CARRIED.

WASTE MANAGEMENT BRANCH:

Decision - Crown Forest Industries Permit Application:

Moved by Director Blattner, seconded by Alt. Director Friesen:

"That the letter from the Waste Management Branch advising that an application pursuant to Waste Management Act on behalf of Crown Forest Industries Ltd. dated August 9th, 1985 has been refused be received and filed."

CARRIED.

MINISTRY OF LANDS, PARKS AND HOUSING:

Foreshore Zoning in Municipalities:

Moved by Alt. Director Piazza, seconded by Director Oystryk:

"That the letter from the Ministry of Lands, Parks and Housing advising that the draft agreement has just received approval in principle relating to the shore zone plans for Peachland and Summerland be received and filed."

CARRIED.

MINISTER OF HEALTH:

Septic Tank Regulations:

Correspondence was received from the Minister of Health indicating that he expects Mr. Nickel's report to contain recommendations on proposed legal and administrative changes if necessary to control nutrient loading in the Okanagan lakes.

Moved by Director Horning, seconded by Director Frost:

"That the Ministers of Health and Environment be advised that the Okanagan Basin Water supports the administration of septic tank regulations under the jurisdiction of a single ministry and the Ministers be asked to make this happen."

CARRIED.

OKANAGAN WATER QUALITY CONTROL PROJECT:

Special Sewage Assistance Grant:

A letter from the Okanagan Water Quality Control Project Manager advising that the capital expenditures eligible for the 75% special sewage assistance grant over the next three years is estimated as follows:

1986/87 - \$	693,000
1987/88 - \$	11,780,818
1988/89 - \$	13,000,005

was received for information.

Increase Mill Rate Limitation:

As a result of the above letter, discussion arose over the one mill limitation in the Regional Districts' Supplementary Letters Patent for sewage facilities assistance.

The Administrator circulated the attached projection of the requirements out of the Board's sewage facilities assistance fund if the above expenditures are made, which showed that unless the mill rate limitation is increased to an equivalent of 2.5 mills, the fund will be overdrawn by 1989.

Moved by Director Frost, seconded by Director Blattner:

"That the Ministry of Municipal Affairs and Transit be asked to approve the District's request to raise the mill rate limitation by an equivalent to .5 mills and the Regional Districts be asked to consider approving a maximum levy of an equivalent to 2.5 mills for the sewage facilities assistance fund."

CARRIED.

SEWERAGE FACILITIES ASSISTANCE GRANTS:

Moved by Alt. Director Piazza, seconded by Director Horning:

"That the following Sewerage Facilities Assistance Grants be approved for payment:

Town of Osoyoos	Jan. 1 - June 30/86	\$ 26,774.50
City of Vernon	Jan. 1 - June 30/86	\$ 191,920.19
City of Armstrong	Jan. 1 - June 30/86	\$ 17,559.17
R.D.O.S.	Jan. 1 - June 30/86	\$ 14,723.13
Dist. of Coldstream	Jan. 1 - June 30/86	\$ 36,691.68."

CARRIED.

NEW AND UNFINISHED BUSINESS:

AQUATIC WEED PROGRAM:

Funds Spent to Sept. 30th, 1986:

Mr. Armour circulated a summary of expenditures to September 30th, 1986 which showed that out of the budget of \$144,000, \$117,963.86 has been spent.

The project derooting winter tillage expenditures to November 30th, 1986 are \$20,900.

PROPOSED WINTER TILLAGE PROGRAM:

Mr. Armour advised that the proposed winter tillage program will commence October 1st at the south end of Wood Lake and the rototiller will be moved to Kalamalka Lake on November 3rd until the winter shutdown.

Commencing on approximately February 9th, 1987, the bombardier will be moved to Okanagan Lake at Okanagan Landing and the rototiller will commence work in Osoyoos Lake. On about February 23rd to March 27th, 1987 the bombardier will be working on the Kelowna foreshore. The rototiller will be moved to Skaha Lake on about March 23rd, 1987.

SUMMARY:

1986 Harvesting Season:

Mr. Armour reported that the 1986 Harvesting Season took place from June 10th to August 29th, 1986 with a total of 1,430 machine loads or 2,749 tons of aquatic weeds cut. There was a 20% increase of loads cut from 1985 to 1986 with the majority of the increase being in Osoyoos Lake and Wood Lake. Also Duck Lake was harvested for the first time in 1986.

Purchase of New Equipment and Additional Funds for Harvesting:

Moved by Alt. Director Piazza, seconded by Director Hermiston:

"That as recommended by the Aquatic Plant Management Committee on July 17th, 1986, the Provisional Budget include \$120,000 capital costs to acquire a new machine plus an additional \$20,000 to cover the operating costs of such new equipment and, further, as a result of Dr. Newroth's assurance that money may be found by the ministry, the administration proceed with the dredging work in Kalamalka Lake and request the extra funds from the Province for this work and, further, that a sum of \$45,000 be added to the 1987/88 Provisional Budget for the Kalamalka Lake clean-up for next year."

CARRIED.

PROVISIONAL BUDGET:

1987/88:

Moved by Director Frost, seconded by Alt. Director Piazza:

"That the 1987/88 Provisional Budget be now adopted with the above recommended changes."

CARRIED.

TERM DEPOSITS:

Continental Bank:

Moved by Alt. Director Piazza, seconded by Director Frost:

"That the administration of the Okanagan Basin Water Board be again authorized to acquire term deposits from the Continental Bank."

CARRIED.

OTHER MATTERS:

DIRECTOR A. CLARKE:

Concerns - Replying to Letter from Director A. Hill:

Moved by Director Frost, seconded by Alt. Director Piazza:

"That the written reply from Director A. Clarke to Director A. Hill's letter concerning the City of Vernon's sewage system be tabled until Director Clarke is present at a meeting."

CARRIED.

COLUMBIA-SHUSWAP REGIONAL DIST.:

Okanagan Basin Water Board Rototilling Contract:

Moved by Director Blattner, seconded by Director Frost:

"That the Okanagan Basin Water Board be authorized to enter into an agreement with the Columbia-Shuswap Regional District to provide staff, administration, and to do all things necessary and incidental to carry out a milfoil rototilling program in Shuswap Lake."

CARRIED.

ADJOURNMENT:

There being no further business, the meeting adjourned at 3:35 p.m.



CHAIRMAN



SECRETARY-TREASURER

PM/las

PM/las

OKANAGAN BASIN WATER BOARD

Sewerage Assistance Fund

Projection for next three years

	<u>@ 1 mill</u>	<u>@ 1.5 mills</u>	@ 1.5 mills - 1987 @ 2.0 mills - 1988 @ 2.5 mills - 1989
Fund balance Dec. 31/85:	\$ <u>1,241,024</u>	\$ <u>1,241,024</u>	\$ <u>1,241,024</u>
1986 Revenue: Interest	100,000	100,000	100,000
Requisition	<u>877,224</u>	<u>877,224</u>	<u>877,224</u>
	<u>977,224</u>	<u>977,224</u>	<u>977,224</u>
1986 SAF Grants	<u>(1,400,000)</u>	<u>(1,400,000)</u>	<u>(1,400,000)</u>
Balance Dec. 31/86	<u>818,248</u>	<u>818,248</u>	<u>818,248</u>
1987 Revenue: Interest	70,000	70,000	70,000
Requisition	<u>803,695</u>	<u>1,205,000</u>	<u>1,205,500</u>
	<u>873,695</u>	<u>1,275,500</u>	<u>1,275,500</u>
1987 SAF Grants	<u>(1,450,000)</u>	<u>(1,450,000)</u>	<u>(1,450,000)</u>
Balance Dec. 31/87:	241,943	643,748	643,748
1988 Revenue: Interest	20,000	60,000	80,000
Requisition	<u>800,000</u>	<u>1,200,000</u>	<u>1,600,000</u>
	<u>820,000</u>	<u>1,260,000</u>	<u>1,680,000</u>
1988 SAF Grants	<u>(1,820,000)</u>	<u>(1,820,000)</u>	<u>(1,820,000)</u>
Balance Dec. 31/88	<u>(758,057)</u>	83,748	503,748
1989 Revenue: Interest	0	3,500	90,000
Requisition	<u>800,000</u>	<u>1,200,000</u>	<u>2,000,000</u>
	<u>800,000</u>	<u>1,203,500</u>	<u>2,090,000</u>
1989 SAF Grants	<u>(2,230,000)</u>	<u>(2,230,000)</u>	<u>(2,230,000)</u>
Balance Dec. 31/89:	\$ <u>(2,188,057)</u>	\$ <u>(982,752)</u>	\$ <u>363,748</u>

OKANAGAN BASIN WATER BOARD

MINUTES OF A MEETING OF THE AQUATIC PLANT MANAGEMENT COMMITTEE HELD IN THE
REGIONAL DISTRICT OF NORTH OKANAGAN BOARD ROOM, 2903 - 25TH AVENUE, VERNON,
B. C. ON WEDNESDAY, DECEMBER 17TH, 1986 AT 2:00 P.M.

<u>PRESENT:</u>	Chairman E. Lamont	C.O.R.D.
	Director R. P. Frost	O.S.R.D.
	Director A. Clarke	N.O.R.D.
<u>ALSO PRESENT:</u>	Mr. M. Maxnuk	Ministry of Environment
	Mr. M. Wallis	Ministry of Environment
<u>STAFF:</u>	P. Mackiewich	Okanagan Basin Water Board
	G. Armour	Okanagan Basin Water Board

INCREASE MAXIMUM LEVY - SEWAGE FACILITIES ASSISTANCE FUND:

Discussion arose over the reluctance of the Regional Districts of Central and North Okanagan to increase the maximum levy which may be collected towards the Sewage Facilities Assistance Fund from an equivalent of 1.5 mills to 2.5 mills.

The Committee was advised that in the North Okanagan Regional District, the municipalities and electoral areas which do not have a sewer system willingly agree to contribute up to 1.5 mills, but are very reluctant to have this amount increased by an equivalent of 1 mill.

The Chairman advised that the Central Okanagan Regional District Board will be meeting on December 18th, 1986, at which time this matter will be discussed, however, he has also sensed a reluctance from the Board members to have the limitation increased.

Director Frost expressed concern that when the sewage systems are upgraded as will be recommended by the Okanagan Water Quality Control Project team, there will not be enough money in the Sewage Facilities Assistance Fund to go around.

The Committee **recommended** that if the Central Okanagan Regional District agrees to increase this mill rate limitation to an equivalent of 2.5 mills, the Chairman attend a meeting of the North Okanagan Regional District to present the rationale for having the funds increased.

Director Clarke left the meeting.

FEDERAL TOURISM FUNDS:

Director Frost expressed concern that we are not doing our homework with the Federal Department of Tourism insofar as endeavouring to obtain funds from that department is concerned. He noted that the department would like to portray the features that the valley can sell and what better features are there here than our lakes.

Director Frost stated that right now the Americans are splurging on promoting the route between California and Alaska and that we should be taking advantage of this promotion.

It was **recommended** that a copy of the "Blue Book" be obtained outlining all the federal grants which are available after which time an application be made for federal funds to assist in making the Okanagan Lakes aesthetically palatable to tourists or, at the very least, for promotion of the area.

RIVER CHANNEL - VASEUX AND McINTYRE LAKES:

Mr. Maxnuk reported that Mr. Don Dobson from the Ministry of Environment would like the weeds cut in the river channel between Vaseux and McIntyre Lakes as early in the spring as possible to avoid the situation which occurred last year, making it very difficult to control the level of Okanagan Lake with the weeds in the channel.

The Committee **agreed** that the cutting of this river channel be put on a timetable and be done automatically, but that the timetable be structured so that it does not conflict with the normal harvesting program.

EXTRA FUNDING REQUEST:

Mr. Maxnuk advised that he has tried his very best to obtain confirmation whether or not the \$32,000 additional funds requested will be approved. He indicated that although no one is able to confirm, all are very optimistic that these funds will be approved and that we will be advised by telephone as soon as the ministry hears from the Treasury Board.

The Committee was advised that these funds will be necessary if any work is to start in January or February.

SUPPLEMENTARY FUNDING:

Mr. Maxnuk indicated that his ministry is not as optimistic over the supplementary funds requested being approved over and above the base budget in 1986. He was confident that the \$140,000 base budget would be approved.

Mr. Armour noted that we will need at least \$24,000 more than last year just to maintain the program. If the new harvester is not purchased however, we will not need the extra operating monies.

The Committee **recommended** that the Ministry of Environment be asked for an early confirmation of the Board's request for funding.

EQUIPMENT SHARING:

Mr. Maxnuk advised that the Province is trying to make the best use of its equipment as possible and, as a result, is moving its rototiller to Nanaimo for work in January. He asked whether the one in which the Okanagan Basin Water Board shares could be used in other areas such as in Shuswap Lake.

Mr. Maxnuk was advised that the Okanagan Basin Water Board has spent 25% in equipment to ensure that it stays here. The Board is not prepared to risk damage to the machines in transit and additional wear and tear, etc..

Mr. Maxnuk indicated that there may be a need for harvesting in the Shuswap Lake next year at the bottom of the priority list, but higher than the lowest Okanagan Basin Water Board priority.

Mr. Armour advised that the areas are now prioritized and the programs are set up to run to at least to the end of September. We weren't even able to do the west side of Okanagan Lake this year due to the time commitment.

Mr. Maxnuk was advised that the Okanagan Basin Water Board has a responsibility only to the Okanagan Basin and our area needs to be looked at as a first priority.

Mr. Maxnuk indicated that Shuswap Lake could be harvested Labour Day which is after the scheduled time in the Okanagan Lakes.

Mr. Armour replied that in that case it may be less of a problem.

HIRING POLICY:

Discussion arose over whether or not it is necessary to establish a nepotism policy.

Mr. Maxnuk advised that the Provincial Government hires people on his or her merit, and does not consider relationships.

Director Clarke returned to the meeting.

After some discussion, the Committee **recommended** that there be no discrimination, either for or against hiring of family members, the persons hired be responsible to Mr. Armour, but the Administrator have the final say over the hiring or dismissal of employees.

NEXT MEETING OF THE BOARD:

It was **agreed** that the next meeting of the Okanagan Basin Water Board will be held in Vernon after the Board has been advised by the Regional Districts who its Directors are.

PREPARATION OF SHORE ZONE PLANS:

The Committee **agreed** that the Okanagan Basin Water Board should be involved in the preparation of Shore Zone Plans. Such plans should establish guidelines for the construction of wharves and until these guidelines have been established, the Ministry of Forests and Lands be asked to closely monitor the construction and location of any wharves or buildings, until the shore zone plans have been developed.

It was further **recommended** that a letter be written to the Deputy Minister of Forests and Lands requesting that the Ministry establish guidelines for building of wharves and other structures over or in the water to facilitate aquatic plant control and to prevent establishment of nuisance aquatic weed infestations and, further, letters be written to all the appropriate ministries and M.L.A.'s to encourage the adoption of Shore Zone Plans and request that they move more quickly in approving the Plans they have on hand.

AGENDA ITEMS:

The Committee **recommended** that the Board members provide the Administrator with any items they wish to have included on the agenda.

After some discussion, Director Frost left the meeting, as did Messrs. Armour, Maxnuk, and Wallis.

SALARY - MR. G. ARMOUR:

Discussion arose over the salary which should be paid to Mr. Armour in 1987. The Committee noted that Mr. Maxnuk, who is Mr. Armour's counterpart with the Ministry of Environment, receives an annual salary of approximately \$35,000 per year, whereas Mr. Armour's salary is presently approximately \$29,000 per year.

The Committee agreed that an adjustment in this case is definitely required and **recommended** that Mr. Armour's salary be increased to \$32,000 per annum in 1987 and, further, that this increase be considered as an adjustment of salary, rather than a percentage increase.

ADJOURNMENT:

There being no further business, the meeting adjourned at 4:15 p.m.



CHAIRMAN



SECRETARY-TREASURER

PM/1as