

## OKANAGAN BASIN WATER BOARD

MINUTES OF A MEETING OF THE OKANAGAN BASIN WATER BOARD HELD ON FEBRUARY 14TH, 1997, AT THE BOARDROOM, REGIONAL DISTRICT OF OKANAGAN-SIMILKAMEEN, PENTICTON, B.C. AT 10:00 A.M.

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<u>PRESENT:</u>	Chairperson G. Kiss	N.O.R.D.
	Director W. McGrath	N.O.R.D.
	Director R. Medhurst	N.O.R.D.
	Director L. Novakowski	C.O.R.D.
	Director B. McCoubrey	C.O.R.D.
	Alternate Director A. Dinwoodie	C.O.R.D.
	Director D. Cameron	O.S.R.D.
	Director V. Fourt	O.S.R.D.
	Director R. Perrie	O.S.R.D.

ALSO PRESENT: M. Watts Westbank First Nation

STAFF: G. Armour Field Supervisor

### ELECTION OF CHAIRMAN:

The Field Supervisor called the meeting to order and asked for nominations for the Chair of the Okanagan Basin Water Board for 1997.

Director Cameron nominated Director Kiss for the position.

There were no other nominations and Director Kiss was declared elected Chair for 1997.

### ELECTION OF VICE-CHAIRMAN:

Chairman Kiss called for nominations for the position of Vice-Chair of the Okanagan Basin Water Board for 1997.

Director McCoubrey nominated Director Hobson for the position and there being no other nominations, the Chairman declared Director Hobson Vice-Chair for 1997.

### MINUTES:

*Moved by Director Cameron, seconded by Alternate Director Dinwoodie:*

*"That the minutes of a regular meeting of the Okanagan Basin Water Board held on December 3rd, 1996 be adopted as circulated."*

CARRIED.

### AQUATIC PLANT MANAGEMENT BUSINESS:

The Field Supervisor provided information to the Directors on the history and purpose of the Water Board beginning with its formation in 1969 and including current composition and purposes.

Mr. Armour noted that the administration of the Water Board was currently contracted to the Regional District of North Okanagan. This contract was up for renewal at the end of the fiscal year. (March 31, 1997)

*Moved by Director Cameron, seconded by Director Novakowski:*

*"That the Okanagan Basin Water Board inform the three Regional Districts that the contract to provide administrative services for the Water Board is up for renewal for the year commencing April 1st, 1997 ."*

CARRIED.

Director McGrath entered the meeting at 10:30.

There was some discussion by the Board Directors on other issues of current interest.

Alternate Director Dinwoodie brought up the issue of stormwater and groundwater as it pertained to a situation with contamination of water supplies in Rose Valley near Kelowna.

Director Perrie recalled the proposed legislation under Section 7 of the Water Act, to manage groundwater in the same way as surface water. He said to his knowledge this had never been acted on.

Director Cameron referred to educational workshops conducted by the Ministry of Municipal Affairs on Water legislation.

*Moved by Director Cameron, seconded by Alternate Director Dinwoodie:*

*"That background material and updated information be provided to the Board on the status of groundwater and stormwater regulation."*

CARRIED.

Mr. Armour presented information on sewerage facilities grants administered by the Water Board.

Director Perrie asked for clarification of policy regarding areas which have not yet received grants, but have contributed to the fund.

Director Medhurst voiced the same question concerning the Spallumcheen area.

Director Cameron advised that Summerland was pleased with the process as after paying into the fund for many years, they were now able to draw money out for construction of new treatment and collection facilities.

Chairman Kiss noted that future decisions on the eligibility of specific projects will be up to the members of the Board.

Director Fourt commented that in rural Osoyoos, the specified area for funding of sewers should be increased beyond those actually connecting as others will benefit from improved environmental conditions.

Director McCoubrey explained that Lake Country faced the same issue and was considering

incorporating all of the district into the specified area for the treatment plant.

Director Cameron observed that the Osoyoos problem is a regional district concern.

The Field Supervisor presented information on the aquatic weed program conducted by the Water Board.

Director Fourt questioned the status of the microbe control technology proposed by Hobbs and Miller. He wondered if the Board could be more helpful in assisting in furthering a trial of this control method.

Mr. Armour said that he had contacted Mr. Miller and asked for supporting information, and advised that Agriculture Canada and the Provincial Pesticide Branch would need to give their approval for testing to be considered in public waters.

Mr. Fourt recommended that the current position of authorities with respect to the Hobbs and Miller control method be reviewed by staff. The Board agreed.

#### **Aquatic Weed Control Funding 1997-98:**

Mr. Armour presented information (attached) on the levels of local funding required to maintain aquatic weed control at the current level despite provincial funding reductions.

There was considerable discussion involving the effects of the reduction on the program and the likelihood of convincing the Province to honour their commitment.

Mr. Armour informed the Board that a legal opinion from the regional district's solicitor indicated that there was likely a breach of the agreement in that the full funding request was not taken forward by the Minister, but that cabinet confidentiality would make this difficult to prove.

#### **Moved by Director Cameron, seconded by Alternate Director Dinwoodie:**

*"That the Okanagan Basin Water Board not raise any additional money through local taxation and accept the reduction in funding from the province by accommodating as best as possible through the revisions presented by the Field Supervisor."*

**CARRIED.**

Alternate Director Dinwoodie expressed concern that the program should continue to have a contribution to the equipment reserve, as it would not be prudent to have no means of replacing aging equipment.

Director Perrie stated that he could not support the resolution since the service is needed and we cannot afford to remove adequate financial support.

Director Novakowski noted that if we do not support any increase in local funding this year and are unsuccessful in lobbying the Province, there will be a larger increase to be dealt with next year.

Director Cameron argued that local government does not have the money and we must make a clear statement to the province that we will not raise local taxes.

Chairman Kiss stated that he could not support the resolution.

Director McGrath added that he would like to ensure that there is no significant long term impact to the aquatic weed control program as a result of this reduction in provincial funding.

Director Medhurst said that as much as he would like to see the level of service maintained, he could not support going back to the taxpayer for additional local funding to cover the provinces shortfall.

Moved by Director McCoubrey, seconded by Alternate Director Dinwoodie:

*"That the Okanagan Basin Water Board staff discuss the effect of reduced aquatic weed control in Swalwell (Beaver) Lake on water delivery and quality with the Winfield Okanagan Centre Irrigation District prior to taking final action."*

CARRIED.

Moved by Alternate Director Dinwoodie, seconded by Director Cameron:

*"That the Okanagan Basin Water Board communicate with the Ministries of Environment and Tourism and remind them of the potential effect of lack of support for aquatic weed control on the Okanagan Water Resource and that the Okanagan MLA's, the UBCM, and the Okanagan media be copied."*

CARRIED.

Director Perrie argued that there is a risk of a negative impact on tourism by publicizing the funding cut.

Moved by Director Perrie, seconded by Alternate Director Dinwoodie:

*"That a resolution be drafted through the regional districts and municipalities to OMMA encouraging the Province to live up to its five year agreement for aquatic plant control."*

CARRIED.

Alternate Director Dinwoodie left the meeting at 1:00 p.m.

CORRESPONDENCE:

R. Thorpe, MLA Okanagan-Penticton, B. Barisoff, MLA Okanagan-Boundary -  
Aquatic Weed Funding

The Board received letters from the two MLA's acknowledging receipt of correspondence regarding aquatic weed control funding cutbacks.

Regional District of North Okanagan

Aquatic Weed Funding

A copy of correspondence from the Regional District of North Okanagan to the Minister of Environment objecting to reductions in weed control funding was received.

Ministry of Environment, Regional Director                      Aquatic Weed Funding

A letter from Mr. R. Anderson was received notifying the Board of the reduction in Provincial weed control cost shared funding to \$86,000 for 1997-98.

Minister of Environment    Meeting re: Aquatic Weed Funding

The Minister's office indicated that the Minister could not meet with the OBWB chair but that she would instruct staff to arrange to meet.

Moved by Director Cameron, seconded by Director McGrath:

*"That the Okanagan Basin Water Board again ask to meet with the Minister of Environment in a joint effort with the Columbia Shuswap Regional District and copy the request to Okanagan Valley MLA's."*

CARRIED.

City of Kelowna    Cryptosporidium Test Results

The City of Kelowna responded to a request from the Board concerning the potential for cryptosporidium cysts in treated wastewater by forwarding results of tests conducted on the Kelowna plant.

Director McCoubrey noted that a second seminar is scheduled for early March on cryptosporidium, and he suggested that the field supervisor attend.

Director Medhurst asked that a summary of information from this seminar be presented to the Board.

Director Perrie noted the relationship of waterborne disease to watershed protection and the LRMP process.

Kelowna Yacht Club    Milfoil in Boat Moorage

A letter from the manager of the Kelowna Yacht Club was received expressing concern over the amount of aquatic weed growth in boat moorage last summer.

The Field Supervisor advised that OBWB equipment was too large to enter the boat stalls although the major passages were treated. He indicated that the Water Board was unlikely to develop new equipment and contract operators were scarce at this time.

Beaver Lake Resort    Milfoil in Swalwell (Beaver) Lake

The operator of the Beaver Lake Lodge thanked the Board for the successful control work done at Beaver Lake in the past and added that he was concerned that cutbacks in funding might jeopardize the effectiveness of this work.

Director Medhurst wondered if fee for service work might be an alternative an alternative.

Moved by Director Cameron, seconded by Director Novakowski:

*"That the Okanagan Basin Water Board send a letter to the operator of Beaver Lake Lodge and to the Kelowna Yacht Club explaining the potential impact of funding cuts and encouraging them to respond to the Province about the need to maintain services."*

CARRIED.

SEWAGE FACILITIES GRANTS:

Grant Applications:

Director McGrath asked for information on grant applications made by the City of Kelowna and some discussion ensued about the eligibility of various projects.

Moved by Director McCoubrey, seconded by Director Cameron:

*"That the Okanagan Basin Water Board authorize payment of the sewage facilities grants listed below subject to staff reviewing the eligibility of the projects."*

City of Kelowna	\$777,204.59
City of Vernon	369,566.00
Town of Osoyoos	34,828.03
Regional District of Okanagan-Similkameen	19,084.24
City of Armstrong	11,405.76
City of Penticton	206,046.24 "

CARRIED.

The Board asked that the criteria for eligibility for Water Board grants be circulated again for the benefit of the new directors.

NEW AND UNFINISHED BUSINESS:

Shoreline Speed Zone

Okanagan, Kalamalka, and Wood Lakes

Mr. Armour informed the Board that the application for shoreline speed restrictions around the perimeter of Wood, Kalamalka, and Okanagan Lakes had been deferred at the December Board meeting, pending clarification of the role of the newly formed Marine Advisory Councils.

Several Board members who are involved with the Council advised that this body has not yet met.

Moved by Director McGrath, seconded by Director McCoubrey:

*"That the Okanagan Basin Water Board proceed with application to establish shoreline speed zone restrictions around the perimeter of Wood, Kalamalka, and Okanagan Lakes."*

CARRIED.

The Board also instructed that we advise the Regional Districts that we are proceeding.

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### Schedule of Board Meetings for 1997

The Board agreed to adopt the schedule of meetings provided by the field supervisor with the exception of the March 4th meeting which would be delayed pending a response from the Regional Districts on the administrative contract. The Field Supervisor was asked to arrange a suitable date in mid March for the next meeting.

### Sewer Agreements with First Nations

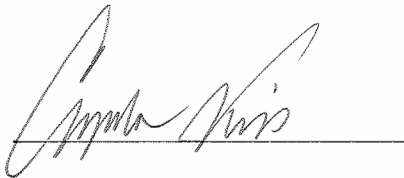
The Board asked staff to provide information on whether First Nations having sewer agreements pay into the Water Board for cases involving bands with or without taxing authority, and in organized or unorganized areas.

### ADJOURNMENT:

Moved by Director McGrath, seconded by Director Perrie:

*"That the Okanagan Basin Water Board meeting be adjourned at 1:45 P.M."*

CARRIED.



CHAIRMAN



SECRETARY-TREASURER

## OKANAGAN BASIN WATER BOARD

MINUTES OF A MEETING OF THE OKANAGAN BASIN WATER BOARD HELD ON APRIL 1ST, 1997, AT THE BOARD ROOM, REGIONAL DISTRICT OF CENTRAL OKANAGAN, 1450 KLO ROAD, KELOWNA, B.C. AT 10:00 A.M.

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<u>PRESENT:</u>	Chairperson G. Kiss	N.O.R.D.
	Director R. Medhurst	N.O.R.D.
	Director L. Novakowski	C.O.R.D.
	Director B. McCoubrey	C.O.R.D.
	Director R. Hobson	C.O.R.D.
	Director D. Cameron	O.S.R.D.
	Director R. Perrie	O.S.R.D.

<u>ALSO PRESENT:</u>	Brian Symonds	M.O.E.
	Al Zackodnik	M.O.E.

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

### MINUTES:

Director McCoubrey pointed out an error on page 2 where the minutes should read that Lake Country is considering incorporation of all the district into a specified area.

The Chairman noted that the Election of Vice Chair read "Chairman"

*Moved by Director Medhurst, seconded by Director Novakowski:*

*"That the minutes of a regular meeting of the Okanagan Basin Water Board held on February 14th, 1997 be adopted as amended."*

*CARRIED.*

### DELEGATIONS:

Brian Symonds, Engineering Section, Ministry of Environment:

Mr. Symonds made a presentation on the regulation of lake levels and river flows by his Ministry in the Okanagan system.

There were numerous questions from the Board members concerning forecasts for this year.

Mr. Symonds advised that high snowpack combined with ground which already has a high water content could result in inflows to Okanagan Lake 65% greater than normal, and 100% greater in Kalamalka Lake. He noted that efforts to draw down these lakes had been ongoing all winter.

Director Hobson asked who is responsible for the removal of wood debris in creeks.

Mr. Symonds answered that there is no single authority to take care of debris in creeks. In most



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cases, the adjacent landowner is responsible.

The Chairman thanked Mr. Symonds for his informative presentation.

AQUATIC PLANT MANAGEMENT BUSINESS:

Water Board Administration Contract:

Mr. Armour reported that the Regional Districts of Okanagan-Similkameen and Central Okanagan had reviewed the information on the administration services for the Water Board and had elected not to make proposals at this time.

Mr. Mackiewich advised that the North Okanagan Regional District was interested in keeping the contract and had reviewed their commitment of time and resources in view of the reduction in Water Board budget and activities. He said that the contract price would be reduced to \$18,000 from approximately \$31,000.

Moved by Director Hobson, seconded by Director Perrie:

*"That the Okanagan Basin Water Board accept the administration contract proposal from the North Okanagan Regional District for 1997, in the amount of \$18,000."*

CARRIED.

Aquatic Weed Control Budget 1997-98:

The Field supervisor reviewed the budget reduction measures discussed at the February 14th meeting and noted that the Board had asked that some money be allocated for work at upper elevation lakes and for contribution to the equipment reserve. He outlined the further reductions which would have to take place in derooting and harvesting to accomplish this. (see attached spreadsheet)

Moved by Director Hobson, seconded by Director Novakowski:

*"That the Okanagan Basin Water Board use the \$ 13,000 savings from the administration contract in operations in 1997, since the funds had already been requisitioned, and that a priority should be to maintain full time employment for the Field Supervisor and apportion any remaining money to harvesting and derooting."*

CARRIED.

Director McCoubrey stated that he felt the importance of Beaver Lake should not be overlooked.

Director Medhurst wondered if there should be some direct charge to the water users of the irrigation district for weed control work done in this lake.

Director McCoubrey stated that he felt all lakes should be dealt with on the same basis, that is if there is a charge to one group, it should be applied uniformly across the board as all lakes serve tourism and water supply.

Director Perrie commented that it was perhaps not wise to contribute to an equipment reserve in times of financial constraint.

Director Hobson replied that it had taken some effort to establish a reserve to replace old control equipment. He questioned if the fund were depleted for operations, if this meant we would never consider replacement of machines.

Director Perrie asked the Administrator if the Water Board was permitted to run a deficit.

Mr. Mackiewich said that a deficit could not be budgeted, but that if one were incurred, it was mandatory that it be repaid the next fiscal year.

Moved by Director Perrie, seconded by Director Cameron:

*"That there be no contribution to the equipment reserve fund for aquatic weed control in 1997-98 so that the maximum funds are available for operations."*

CARRIED.

There was discussion regarding borrowing of funds to replace equipment.

Mr. Mackiewich advised that the Water Board could not borrow money. The Regional Districts would have to agree to borrow on behalf of the Board.

Moved by Director Medhurst, seconded by Director Perrie:

*"That the Okanagan Basin Water Board utilize funds in the equipment reserve for operations in 1977-98."*

DEFEATED.

Director Hobson remarked that he thought using the reserve would be unwise in the long term since it would necessitate an even larger requisition from the regions in subsequent years to recover.

Director Novakowski asked if the amount in the reserve would result in appreciable benefit to the program.

Mr. Armour noted that there was \$39,000 contributed this past season to reserves. If used, this would not bring the operating budget back to the original provisional budget amount but would leave us about \$50,000 short.

The Chairman said he could not support the motion as a reserve is a requirement of any long term program.

Director Cameron noted that it might send a strong message to the Province if the Water Board were put in a position of spending all of the program reserves to get through the year

Director Novakowski disagreed and felt that expending all of our reserves would not send any stronger message to the Province.

Director McCoubrey also concurred and added that we should prepare for the future and this was not best served by reducing or eliminating existing reserves.

Moved by Director Hobson, seconded by Director McCoubrey:

*"That the Field Supervisor prepare a revised program based on the motions and recommendations adopted at this meeting."*

CARRIED.

#### Cryptosporidium Conference Report:

Mr. Armour reported on the two day conference he had attended in Kelowna on behalf of the Board. (attached comments)

Director Hobson observed that the focus of several researchers on watershed management programs to maintain drinking water quality reflected the current direction of the City of Kelowna. It does not appear that waterborne disease can be engineered out of the system.

Director Perrie noted that household treatment systems might be the most economical way to go.

Chairman Kiss said that he had doubts over the effectiveness of many of these systems.

Director Medhurst wondered why diseases such as cryptosporidium had not been reported until recent years.

Mr. Armour commented that the cysts were very small and difficult to detect and that, as well, most cases in the past likely were unreported or thought of as a flu.

#### CORRESPONDENCE:

Regional District of Okanagan-Similkameen

Aquatic Weed Funding  
Reduction

Copies of correspondence sent to the Minister of Environment by the Regional District of Okanagan-Similkameen, concerning the reduction in funding for aquatic weed control were received.

Minister of Environment

Response to Second Request for Meeting

The Office of the Minister of Environment responded to a request from the Water Board for a meeting, saying that the request is being reviewed.

#### Okanagan University College - Support for FRBC Funding

Mr. Armour advised that OUC had asked for Water Board support in an application for Forest Renewal BC funding to endow a Chair of Water shed Management at the Kelowna Campus. This supporting letter was required immediately and the Chairman had responded.

Chairman Kiss noted that he personally was of the opinion that this was not the best use of FRBC funds, but he had supported the request on behalf of the Board.

Director Hobson explained that he felt watershed management represented valid and timely use of the money.

*Moved by Director Hobson, seconded by Director Medhurst:*

*"That the Okanagan Basin Water Board support the application made by Okanagan University College for Forest Renewal BC funding for a Chair of Watershed Management."*

CARRIED.

City of Vernon - Support for No Additional Local Aquatic Weed Funding

The Board received a letter from the City of Vernon supporting the position taken at the previous meeting that no additional local tax dollars be raised for aquatic weed control.

Regional District of North Okanagan - Administration Contract

The Regional District expressed interest in continuing to administer the Water Board function.

Regional District of Central Okanagan - Administration Contract

The Administrator of The Regional District of Central Okanagan asked for more information about the responsibilities of the region contracting Water Board administration.

Mr. Armour reported that information had been supplied and a subsequent letter received from the Regional Board, stating that they were not currently interested in making a proposal.

R.A. Irwin, Federal Minister of Indian Affairs

Revisions to Indian Act

The Minister responded to a Water Board request that as part of revisions to the Indian Act, means to resolve problems in providing sewers on Band lands be incorporated. The Minister said that this would be beyond the scope of the revisions.

Winfield and Okanagan Centre Irrigation District

Request for Continuation of Weed Control In Swalwell Lake

The Winfield Okanagan Centre Irrigation District supported the past work done by the Water Board to control Eurasian watermilfoil in Beaver Lake, which is the source of upland water for the District.

*Moved by Director Cameron, seconded by Director McCoubrey:*

*"That the correspondence be received by the Water Board."*

CARRIED.

SEWAGE FACILITIES GRANTS:

Sewage Grant Eligibility Criteria

Mr. Armour referred to the summary of grant criteria circulated with the agenda and explained

that although some debt was being retired, it was anticipated that new projects such as Summerland would still draw on the program over the next few years. The total annual amount to be paid out by the fund was not likely to shrink over the next five years.

Director Perrie asked what means were used to decide which projects served new growth and thus would not be eligible for grants.

Mr. Armour advised that the Board had not yet had to face this situation, but the topic had come up for discussion previously. He noted that most treatment plant construction or expansion would include some component to serve future growth.

Mr. Mackiewich added that the Ministry of Municipal Affairs ranks project for funding with those serving expansion and growth being low priority and not receiving provincial funding. This fits the Boards needs to assess the eligibility for sewage assistance grants.

Grant Applications:

Moved by Director Hobson, seconded by Director Novakowski:

*"That the Okanagan Basin Water Board authorize payment of the sewage facilities grants listed below."*

<i>Regional District of Central Okanagan (Westbank)</i>	<i>\$84,692.09</i>
<i>District of Coldstream</i>	<i>46,200.81</i>
<i>Town of Oliver</i>	<i>29,636.00</i>

*CARRIED.*

NEW AND UNFINISHED BUSINESS:

Appointment of New Administrator

Mr. Mackiewich advised the Board that he would be retiring from his position as Regional District Administrator and that Mr. Barry Gagnon had been selected as his replacement effective June 1st, 1997.

Moved by Director Hobson, seconded by Director Medhurst:

*"That Mr. Mackiewich be thanked for his years of service as Administrator for the Okanagan Basin Water Board"*

*CARRIED.*

Moved by Director Hobson, seconded by Director Medhurst:

*"That Mr. Barry Gagnon be recognized as Administrator for the Okanagan Basin Water Board, effective June 1st, 1997"*

*CARRIED.*

Okanagan Basin Water Board Signing Officers

Moved by Director Hobson, seconded by Director Perrie:

*"That the following persons be appointed as signing officers for the Okanagan Basin Water Board:*

- Gyula Kiss (Chair)*
- Wayne McGrath (Director)*
- Earl Shipmaker (Regional District of North Okanagan Board Chairman)*
- Douglas Holmes (Regional District of North Okanagan Treasurer)*
- Peter Mackiewich (Administrator)*
- Terry Mori (Regional District of North Okanagan Deputy Treasurer) "*

CARRIED.

Water Board Meeting Dates

Mr. Armour noted that Director McGrath had advised that meetings following statutory holidays would conflict with City of Vernon Council meetings. He asked that these dates be reviewed.

The Board noted that July 1st actually was the holiday and agreed to change this meeting date to Friday, July 4th. The Board also agreed to leave an August meeting to the call of the Chair and proceed only if there is sufficient business to warrant a meeting.

Mr. Armour inquired about potential conflict with an OMMA meeting.

The Board advised that the OMMA session began on a Wednesday and would not conflict with a Water Board meeting.

It was agreed that the next meeting would be May 6th, 1997 in Penticton.

ADJOURNMENT:

The Okanagan Basin Water Board meeting adjourned at 1:45 P.M.




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CHAIRMAN




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SECRETARY-TREASURER

## OKANAGAN BASIN WATER BOARD

MINUTES OF A MEETING OF THE OKANAGAN BASIN WATER BOARD HELD ON September 2nd, 1997, AT THE BOARD ROOM, REGIONAL DISTRICT OF CENTRAL OKANAGAN, 1450 KLO ROAD, KELOWNA, B.C. AT 10:00 A.M.

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<u>PRESENT:</u>	Chairperson G. Kiss	N.O.R.D.
	Director R. Medhurst	N.O.R.D.
	Director L. Novakowski	C.O.R.D.
	Director B. McCoubrey	C.O.R.D.
	Director R. Hobson	C.O.R.D.
	Director D. Cameron	O.S.R.D.
	Director V. Fourt	O.S.R.D.
	Alternate Director E. Sims	O.S.R.D.

<u>ALSO PRESENT:</u>	Mike Watts	Westbank Band
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<u>STAFF:</u>	B. Gagnon	Administrator
	G. Armour	Field Supervisor

### MINUTES:

Moved by, Director Hobson and seconded by Director Novakowski:

*"That the minutes of a regular meeting of the Okanagan Basin Water Board held on June 3rd, 1997 be adopted as circulated."*

CARRIED.

### AQUATIC PLANT MANAGEMENT BUSINESS:

Report on the Aquatic Weed Program to August 31, 1997:

Mr. Armour circulated update of aquatic weed program activities and expenditures (attached) to the end of August 1997.

He reported that harvesting activities were almost complete with areas of Osoyoos, Skaha, Okanagan and Wood Lakes having been cut. Work began July 10th in Osoyoos and July 17th in Wood Lake, slightly later than anticipated due to the high water levels. He noted that once lake water reach a certain temperature plants begin to grow, regardless of weather conditions.

Some bottom barrier work had been conducted in Kalamalka Lake as well as hand removal in Beaver Lake. The latter had a sparse population of Eurasian watermilfoil and a reduced presence of native species of plants (*Elodea* sp.) as well.

Mr. Armour noted that with five months of the fiscal year elapsed, approximately 50% of the budget was spent. He indicated funds would likely become scarce during the derooting season.

Director Novakowski wondered about the condition of the lakes in general.

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Mr. Armour observed that derooting results were very good and most treated weedbeds required a quick clean-up with the harvesters in the summer. He noted that a couple of areas showed increased weed growth this summer; the north end of Wood Lake supported a greatly increased growth of EWM from that previously documented, and Kalamalka Beach had weeds in deeper water than is usually the case.

Director McCoubrey asked if the reason for the increase in weed growth in Wood Lake was known.

Mr. Armour replied that it was not.

Alternate Director Sims informed the Board that two areas of concern in the South Okanagan were the Skaha Estates area and Vaseux Lake.

Mr. Armour added that Skaha Estates could likely receive some additional treatment but that the area bounded by the cablevision cable and a private irrigation intake was difficult to access. Vaseux Lake was an alternate site for harvesting in the event that Skaha or Osoyoos Lake did not need work. This was not the case this year.

#### Funding Options for Fiscal Year 1998 - 99:

The Board considered the level of local funding that would be needed to carry on aquatic weed control for the next fiscal year.

The Field Supervisor presented a summary of the requisitions for weeds and sewage grants for the current year and the two previous years. (attached) He also noted that the amount of the Provincial Grant was very uncertain at this point, and advised the Board on local funds which would be generated by assessments of 2.0¢ and 2.5¢ per \$1000 assessment.

Director Novakowski stated that the program should be supported fully with a contribution made to equipment reserve.

Director Hobson advised that the provisional budget should reflect the fifty / fifty agreement still in effect with the Province. He added that the Board should act in concert with all jurisdictions involved in aquatic weed control to meet with the Minister of Environment a UBCM.

Director Fourt commented on the apparent lack of provincial dollars, despite the collection of various special levies. He wondered where this money was going. He added that in discussions concerning water quality, the suggestion had been advanced to put a surcharge on water supplied by the various purveyors which would go directly to local programs.

The Board discussed the potential of a water surcharge as a means of raising local revenue.

Director Hobson noted that the means of obtaining OBWB revenue was currently based on assessed value, and not on water used.

Director McCoubrey observed that there would be many complications with this suggestion. He pointed out that while local government has only one source of revenue through taxation, the Province has several means to generate funds and has traditionally helped out at the local level. The current government has not followed this course.

Director Medhurst noted that Spallumcheen has seventeen suppliers of water and suggested



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that none of them would favor an increase in water rates.

Director Cameron suggested that the specific problem requires identification before funding is collected, so people know what the money is for.

Director McCoubrey commented that there is a push to deliver higher standard water at great cost which is difficult for local government to deal with.

Director Hobson remarked that the Board must deal with the short term matter of next year's funding as a separate issue from the longer term water management issue.

Moved by Director Medhurst, seconded by Director Fourt:

*"That the Provisional budget for aquatic weed control for 1998 - 99 incorporate a requisition from the regional districts of 2.0¢ per \$1000 assessed value."*

DEFEATED.

Directors Hobson, Novakowski, Cameron, Sims, McCoubrey, and Kiss opposed.

The Chairman wondered if the Board should write to the MOE and ask for an indication of the funding level for 1998.

Director Hobson suggested that we should tell the Province what we require according to the 50/50% cost share agreement, and put our case forward at the UBCM along with the other milfoil control jurisdictions.

Moved by Director Hobson, seconded by Director Cameron:

*"That the Water Board prepare a provisional budget for sufficient funds to carry out aquatic weed control for 1998 - 99, according to the fifty - fifty cost share agreement still in effect with the Province."*

CARRIED.

Moved by Director Hobson, seconded by Director Cameron:

*"That the Water Board work jointly with other milfoil control jurisdictions and meet with the Minister of Environment at UBCM to clarify funding options."*

CARRIED.

Other Business:

Shoreline Speed Restrictions:

Mr. Armour outlined the steps taken to implement a shoreline speed restriction around the perimeter of Okanagan, Kalamalka and Wood Lakes. He noted that major boat access points had been posted with signs provided by the province, and that no comment had been received as of August 25th, by the Provincial Boating Regulations Officer.

Alternate Director Sims asked what process would be followed to extend the proposed regulations to other lakes in the valley, noting that Penticton RCMP had expressed an interest.

Director Cameron suggested that this could be done through the Regional District of Okanagan-Similkameen.

Chairman Kiss requested that all information be forwarded to the local Marine Advisory Council.

Director Fourt questioned the enforceability of the shoreline speed regulations.

Director Hobson noted that while this would be an actual Canada Coast Guard regulation which could be enforced by the RCMP, the greatest benefits in Provinces adopting the regulation had been from voluntary compliance.

Director McCoubrey asked what the timing would be for actual acceptance and posting of the regulations.

The Field Supervisor answered that once an application is made, Provincial Parks will survey local response and decide if further consultation is needed through a public meeting. Once public input is received, a recommendation is made to Canada Coast Guard. These are only accepted once per year and the earliest following 1997 public input would be May 1998.

#### CORRESPONDENCE:

Minister Of Environment

Aquatic Weed Funding

The Board received a letter from the Minister of Environment indicating that while no new funding for aquatic weed control was available, the Minister had contacted her colleague responsible for ICBC to support a boat trailer license surcharge.

Director Cameron observed that the door was still open on this funding source and the Water Board should lobby vigorously in favor of this option.

Director Novakowski suggested that this letter be noted in correspondence directed to other milfoil control agencies.

Minister Of Tourism

Aquatic Weed Funding

The Minister indicated that the concerns expressed by the Water Board in its letter of February, 1997, would be discussed with the Minister of Environment.

District of Coldstream

Kalamalka Lake Flooding

The District of Coldstream invited the Water Board to participate in discussions regarding improvements to the control of the lake level of Kalamalka Lake.

Director McCoubrey asked if the agencies invited to participate would also be called on to contribute money to any improvements. He also wondered who had permitted a building to be constructed over the outlet creek.

Chairman Kiss provided some information on the situation with respect to the lake outlet.

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Director McCoubrey commented that it would be acceptable to discuss the problem but that a clearer history of the situation is needed prior to the initial meeting. The Board agreed to ask for this information.

## Okanagan River Channel Landowners Society

## Flooding

A letter was received from this group expressing concern about flooding of properties along the Okanagan River Channel.

Moved by Director Cameron, seconded by Director McCoubrey:

*"That the Water Board receive the correspondence from the Okanagan River Channel Landowners Society."*

CARRIED.

## BC Water and Waste Association

Know H<sub>2</sub>O Program

Information was received on a joint BC Water and Waste - Ministry of Environment proposal to inform public officials about water related issues.

Director McCoubrey noted that the project would supply information to decision makers on water issues, but that no indication was given of the total cost of the project. He stated that the Board should have this information prior to considering buying in.

Moved by Director Cameron, seconded by Director McCoubrey:

*"That the Water Board obtain additional information on the total budget of the Know H<sub>2</sub>O program from the BC Water and Waste Association."*

CARRIED.

## Regional District of Central Okanagan

## Brenda Mines

A letter and additional attached information pertaining to the MOE permit for discharge of effluent from the Brenda Mines pit was received.

The Water Board noted the appeal of the permit filed by the surveillance committee.

Moved by Director Cameron, seconded by Director Novakowski:

*"That the Water Board invite representation from the MOE involved in issuing the discharge permit, and from the Brenda Mines Surveillance Committee to the next regular meeting to present information on the discharge."*

CARRIED.

SEWAGE FACILITIES GRANTS:

Grant Applications:

Regional District of Okanagan-Similkameen \$ 13,231.68

Mr. Armour noted that this grant was payment of the on-going debt for the Okanagan Falls facility.

*Moved by Director Hobson, seconded by Alternate Director Sims:*

*"That the Sewage Facilities Assistance Grant for the Regional District of Okanagan Similkameen in the amount of \$13,231.68 be approved for payment."*

CARRIED.

NEW AND UNFINISHED BUSINESS:

Underground Sources of Water

The Chairman sought the opinion of the directors on the potential for use of water from aquifers as a source of high quality water requiring little or no treatment. He advised that most water entering Kalamalka Lake was from underground sources and appeared to be of high quality.

Director Hobson informed the Board that groundwater had been looked at as an alternative in Kelowna in a report prepared following the cryptosporidium contamination of lake sources last summer. He commented that there was a need for extensive information on recharge capabilities, sources of the underground supplies, etc. .

Next Meeting Date:

The next regular meeting o the Okanagan Basin Water Board is scheduled for October 7, 1997, in Vernon, at the Regional District of North Okanagan offices.

ADJOURNMENT:

The Okanaaan Basin Water Board meetina adiourned at 12:25 P.M.

ADJOURNMENT:

The Okanagan Basin Water Board meeting adjourned at 12:25 P.M.

  
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CHAIRMAN

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SECRETARY-TREASURER

## Okanagan Basin Water Board

### Aquatic Weed Control 1997 Update to Sept. 1st

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#### Harvesting

- South Okanagan      Osoyoos Lake      Harvesting began July 10th  
                                 Skaha Lake      August 11th - 22nd  
                                 Okanagan Central      Westbank and Kelowna - August 25th
- North Okanagan      Wood Lake      July 17th  
                                 Okanagan L. Vernon      August 21st

The start of harvesting season was delayed as high water caused late development of weeds in all areas. (Note - once the water temperature reaches a certain level the plants will grow vigorously, regardless of the amount of sunshine)

Most areas cut consisted of small patches of plant growth; the larger sites having been treated by derooting.

Loads cut will be approx 200. (same as last couple of years)

**Comments** Okanagan Falls - several residents objected to any machine operation in summer months. They would like to see all work done in off season only.

Vernon Arm - would like to be first on schedule next year instead of cutting late in season. Understandably, no-one want to be last on the schedule.

harvested one water line in Wood Lake

#### Intensive Control (Diving, Texel Bottom Barrier)

- Kalamalka Lake      five small sites treated with texel - 2 in Cosen's Bay and 3 in Coldstream  
                                 weeds in deep water near Kal Beach require rototilling
- Beaver Lake (Winfield)      2 1/2 weeks with three person dive crew  
                                 amount of milfoil was low, as was the amount of other weeds

## Aquatic Weed Control 1997

Update to Sept. 1st

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Costs to Date	\$Spent	\$Budget	\$Remaining
Harvesting	42,946	58,000	15,000
Derooting	71,228	192,000	121,000
Special Projects	17,000	15,599	1,000
Administration (incl. yard and insurance)	<u>14,277</u>	<u>33,100</u>	<u>19,000</u>
Total	144,004	300,100	156,000

(5 months into the FY.)



## OKANAGAN BASIN WATER BOARD

MINUTES OF A MEETING OF THE OKANAGAN BASIN WATER BOARD HELD ON  
OCTOBER 7th, 1997, AT THE BOARD ROOM, REGIONAL DISTRICT OF NORTH  
OKANAGAN, 9848 ABERDEEN ROAD, VERNON, B.C. AT 10:00 A.M.

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<u>PRESENT:</u>	Chairperson G. Kiss	N.O.R.D.
	Director R. Medhurst	N.O.R.D.
	Director W. McGrath	N.O.R.D.
	Director B. McCoubrey	C.O.R.D.
	Director R. Hobson	C.O.R.D.
	Director D. Cameron	O.S.R.D.
	Director V. Fourt	O.S.R.D.
	Director R. Perrie	O.S.R.D.

<u>ALSO PRESENT:</u>	Peter Jarman	Ministry of Environment
	John Stroiuzzio	Noranda Corporation
	Mel Maxnuk	Ministry of Environment

<u>STAFF:</u>	B. Gagnon	Administrator
	G. Armour	Field Supervisor

### MINUTES:

*Moved by, Director Medhurst and seconded by Director Cameron:*

*"That the minutes of a regular meeting of the Okanagan Basin Water Board held on September 2nd, 1997 be adopted as circulated."*

*CARRIED.*

### DELEGATIONS:

Mr. Peter Jarman, Ministry of Environment - Brenda Mines Discharge Permit

At the invitation of the Board, Mr. Jarman discussed the permit issued by the Ministry of Environment for discharge of water accumulating in the Brenda Mines pit, to Okanagan Lake through Trepanier Creek.

Mr. Jarman noted that general Ministry policy is not to approve or encourage industrial discharges to the lakes, however, in this case doing nothing is not an option as the pit will eventually overflow. The permit issued allows the release of treated mine water to the creek over a long period of time. The permit and the technical report are available to the public.

The Ministry wishes to protect drinking water supplies, cattle, and fisheries interests in the area. A chemical treatment process (coprecipitation using iron) on the mine site will be used to lower the concentration of molybdenum in the discharge to an average of 0.05 ppm with peaks allowable in certain seasons up to 2.0 ppm. The background level of molybdenum in Okanagan Lake is 0.001 ppm, and calculations in the technical report show no long term significant effect on this level over 100 and 1000 year periods.



Chairman Kiss asked about the effects in Trepanier Creek and about piping the discharge to deep water.

Mr. Jarman said that a pipe to carry the effluent to a discharge point below the domestic water use in the creek had been considered but this option was rejected by the Peachland citizens.

Director Cameron asked what the volume of the discharge would be, and over what time period.

Mr. Jarman indicated that about three million cubic metres would be released annually with a maximum at 5 million.

Director Fourt asked how the discharge would be monitored.

Mr. Jarman indicated that Noranda would be responsible for monitoring on a daily basis at first with subsequent reductions in frequency. Results would be audited by the Ministry.

Director McCoubrey wondered if there were any other treatment processes which would achieve a lower level of molybdenum in the effluent.

Mr. Jarman said there were no proven, better methods at this time.

Director Hobson questioned the dismissal of the pipeline option and also asked about molybdenum levels in the mine pit over the long term.

Mr. Jarman advised that at some point the metal levels would fall to where the treatment plant could be shut down and the pit managed as any reservoir.

Mr. Armour asked about the potential value of the precipitated molybdenum and about the responsibility of the company to employ any better technology developed for discharge treatment.

Mr. Jarman replied that the value of the precipitate was not known, and that the company had posted a reclamation bond to cover the treatment process and it would be incumbent upon them to upgrade if possible. The initial cost of the plant to be built at the mine site would be \$10 million.

The Chairman thanked Mr. Jarman for his presentation.

#### AQUATIC PLANT MANAGEMENT BUSINESS:

##### Meeting with the Honourable Cathy McGregor at UBCM

Mr. Armour advised that he had requested a meeting with the Minister of Environment at UBCM. No word had yet been received on the meeting. He informed the Board that the other jurisdictions involved in cost shared milfoil control programs, including Columbia Shuswap Regional District, Cultus Lake Park Board, and Kootenay Boundary Regional District, had been contacted and wished to be represented at any meeting.

Director Hobson noted that the Board had not previously met with this Minister and suggested that some briefing notes be prepared describing our needs and the reasons for them.

Director McCoubrey asked that any letters of support from local irrigation districts etc. be attached.

Director Hobson suggested that the Treasury Board Report commissioned several years ago, and prepared with program funds, be referred to, as it gave a positive summary of the value of the weed control program to both parties.

The Chair asked that the directors be notified when word was received about the meeting.

#### Provisional Budget and Workplan for 1998:

Mr. Armour presented a provisional budget and a workplan for weed control for 1998-99. The budget assumed a fifty-fifty cost sharing with the Province, with each party contributing \$201,950.

The Board discussed the timing of the regional district budgets and noted that there is no way to react to any shortfall in the provincial share as word will be received too late.

Mr. Maxnuk stated that he had not received any indication of his ministry's plans for weed control funding for 1998.

Director Cameron commented that the Water Board needs to know of any change in the Ministry policy for sharing in weed control funding. If it is now their policy to pay a much lower percentage, we should be advised.

Director Hobson remarked that he felt there is a very low chance of receiving any more provincial funding than the \$86,000 received this year. He added that it is not in the best interest of the program to operate at reduced funding again next year. He suggested that the Board assume \$86,000 in provincial funds and increase the requisition to the regional districts to pick up the cost of the full program.

Director Cameron argued that we have an agreement with the Province, and it should be renegotiated if they cannot afford the full amount. We should not help out with their shortfall.

Director Medhurst agreed with Director Hobson that we should accept the reduction in senior government funding and look after the rest locally so that the program is not jeopardized.

Director Perrie advised that he would go along with assuming only an \$86,000 contribution from the Province, and raising additional local funds.

Director McGrath objected strongly to any departure from the agreed 50/505 funding. He stated that if we pick up the Province's shortfall, they will continue to download onto local government.

Director Cameron wished some degree of certainty with respect to the Province's position. He said that we should advise that we are willing to renegotiate the agreement, rather than raising additional local funds.

Director McCoubrey noted that public pressure on the province did not materialize last year in response to cutbacks. He agreed to requisition extra funds from the regional districts to cover the fact that the Province does not live up to its commitments, and at a practical level, to ensure that adequate weed control takes place next year.

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*Moved by, Director Hobson and seconded by Director Medhurst:*

*"That the provisional budget for 1998-99 aquatic weed control incorporate a \$70,000 increase in the requisition from the regional districts to \$299,445. This amount would be used for operations but would not fund the equipment reserve."*

CARRIED.

Directors McGrath and Cameron opposed.

OTHER BUSINESS:

Requisition for Sewer Assistance Grants for 1998

Mr. Armour informed the Board that OBWB is in a position to requisition less from the Regional Districts for 1998-99 than the total of \$1.9 million levied in 1997-98. Two factors play a part in this reduction:

- Additional funds requisitioned in previous years for new projects are unspent, as the projects did not come onstream as anticipated. There is a surplus in the fund. (approx. \$500,000)
- Debt retirement is significant in 1998 at \$421,000.

The Water Board could reduce its requisition by about \$900,000 and still meet its obligations for 1998. This includes new payment for the Summerland project. Mr. Armour said the option for the Board was to adjust the requisition annually as debt is retired and/or new projects come onstream, or keep it relatively stable and accumulate a surplus in years when debt is paid off to be used against the cost of new projects.

Director Hobson remarked that a reserve would smooth out any bumps in the requisition which would save an annual review of the needs of the fund for each region. He asked, and the Board agreed, that the requirements of the fund be modeled over a five year period and a report made to the Board so that a reasonable level for the annual requisition can be determined.

The Board deliberated the continued usefulness of the fund, and the means to separate growth projects from those dealing with past problems.

Director Hobson noted that emerging issues such as stormwater quality would occupy a great deal of local resources. He suggested that the Board not close the door on the funds without first considering its potential for assisting in this area.

Director McGrath was opposed to continuing any tax for a purpose other than for which it was designed. He said the original purpose should be fulfilled and the tax then eliminated.

Director McCoubrey was in favour of taking steps to ensure proper management of our lakes. This would include stormwater management regulations.

Director Cameron thought that any program should have a financial responsibility and accountability in the area sewered, and that regional programs which end up trading dollars should be avoided.

Director Hobson argued that stormwater quality has been a neglected issue and a regional fund would supply the incentive needed to look at management.

CORRESPONDENCE:

Mr. Ed Crape, Director Area C, Kootenay Boundary Regional District - Milfoil Funding

The Director for the Christina Lake area would like to attend any meeting with the Minister arranged for UBCM, to discuss milfoil shared programs.

Regional District of Fraser-Fort George - Contract Weed Harvesting

Correspondence relating to contract weed harvesting at Bednesti Lake located between Prince George and Vanderhoof was received.

Mr. Armour reported that the work had been completed in the down period between completion of Okanagan harvesting and the start of derooting.

Central Okanagan Heritage Society - Support for Xeriscape Garden Funding Application

The Heritage Society asked for a letter of support for their application for Environment Canada funding toward Phase II of their demonstration garden in Kelowna. This will be directed at motivating the public to apply the principles of xeriscape in their own situation.

Moved by Director Hobson, seconded by Director McCoubrey:

*"That the Okanagan Basin Water Board provide a letter of support for the Federal funding application made by the Central Okanagan Heritage Society."*

CARRIED.

SEWAGE FACILITIES GRANTS:

Grant Applications:

City of Penticton	\$200,529.28
City of Armstrong	154,417.26

Moved by Director Perrie, seconded by Director Medhurst:

*"That the Sewage Facilities Assistance Grants, for the projects listed above, be approved for payment."*

CARRIED.

NEW AND UNFINISHED BUSINESS:

Next Meeting Date:

The next regular meeting of the Okanagan Basin Water Board is scheduled for November 4, 1997, in Penticton, at the Regional District of Okanagan-Similkameen offices.

The Chairman advised that he would like to invite the representative of the Canada Coast Guard to attend to talk about the Marine Advisory Councils.

Director Fourt suggested that the Medical Health Officer for the South Okanagan, Dr. Moorehead, be invited to talk about water issues and health related problems.

ADJOURNMENT:

The Okanagan Basin Water Board meeting adjourned at 12:10 P.M.



CHAIRMAN

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SECRETARY-TREASURER

OKANAGAN BASIN WATER BOARD

MINUTES OF A MEETING OF THE OKANAGAN BASIN WATER BOARD HELD ON NOVEMBER 4, 1997, AT THE BOARD ROOM, REGIONAL DISTRICT OF OKANAGAN-SIMILKAMEEN, 101 MARTIN STREET, B.C. AT 10:00 A.M.

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<u>PRESENT:</u>	Chairperson G. Kiss	N.O.R.D.
	Director W. McGrath	N.O.R.D.
	Director B. McCoubrey	C.O.R.D.
	Director L. Novakowski	C.O.R.D.
	Director R. Hobson	C.O.R.D.
	Director D. Cameron	O.S.R.D.
	Director V. Fourt	O.S.R.D.
	Director R. Perrie	O.S.R.D.

<u>ALSO PRESENT:</u>	M. Watt	Westbank First Nation
	M. Pakenham	Canada Coast Guard

<u>STAFF:</u>	G. Armour	Field Supervisor
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MINUTES:

*Moved by Director Cameron and seconded by Director Hobson:*

*"That the minutes of a regular meeting of the Okanagan Basin Water Board held on October 7th, 1997 be adopted as circulated."*

*CARRIED.*

DELEGATIONS:

Mr. Marc Pakenham, Canada Coast Guard - Boating Regulations and Practices

Mr. Pakenham, the Coordinator for the Pacific Region of Canada Coast Guard, described to the Board, initiatives of the Green Boat Program designed to minimize impacts on the aquatic environment. (He noted that Coast Guard is now part of the Department of Fisheries and Oceans) He passed out a package of educational material, an oil absorbent product sample, and a voluntary inspection document.

There was discussion regarding the standards in Europe concerning noise standards and personal watercraft. He outlined the role of the Marine Advisory Councils in these initiatives.

Mr. Pakenham reported on the designation of lakes under Pleasure Craft Sewage Prevention Regulations and noted that the Water Board had applied to extend this status to Kalamalka and Wood Lakes. He asked if the amount and type of boating traffic on these lake warranted construction of pumpout facilities.

Mr. Pakenham mentioned that the Province of BC had yet to sign the Contraventions Act

which would permit the ticketing of various boating offenses which had been regulated but virtually unenforceable.

Moved by Director McGrath and seconded by Director Cameron:

*"That the Okanagan Basin Water Board urge the BC Attorney General to sign the Contraventions Act Memorandum of Understanding to permit the ticketing of a variety of boating offenses."*

CARRIED.

Director Hobson noted that the Federal government had provided funding to the Ontario Provincial Police to regulate boating activities. He wondered if this same arrangement would be available to BC if the Memorandum were signed.

Mr. Pakenham commented that the revenue derived from the fines would go to the provinces rather than the federal government.

Director Fourt advised that enforcement procedures at fuel docks were a concern and asked who had authority over this.

Mr. Pakenham answered that under the Canada Shipping Act, large fines and charges under the criminal code could be brought to bear on offenders.

Director Novakowski added that the pursuance of cleaner four stroke engines and new technology in two strokes would benefit the aquatic environment.

Mr. Armour asked about the status of the Water Board application for speed restrictions around the perimeter of Okanagan, Kalamalka, and Wood Lakes.

Mr. Pakenham said that he would look into this and report on the status.

The Chairman thanked Mr. Pakenham for his presentation.

#### AQUATIC PLANT MANAGEMENT BUSINESS:

##### Meeting with Dr. Jon O'Riordan at UBCM

The Chairman reported on the meeting with the Assistant Deputy and representatives of the Water Board, Columbia Shuswap Region, Kootenay Boundary Region, and Cultus Lake Park Board, held at the UBCM.

Although no firm commitments were made it was felt that funding in addition to that received last year was unlikely, and some felt that even that amount was in doubt.

Director McCoubrey noted that the long term outlook was that the Province considered aquatic weed control to be a local problem.

Director Fourt mentioned that there was an interest in the CSRD proposal regarding a boat fuel tax as a means to raise provincial revenue.

Director Perrie stated that perhaps it was time to put the Province on the spot by asking which of the methods of raising revenue open to the Province could be utilized by local government

to collect money to fund the program.

Director Novakowski said that we should press the Ministry to implement the fuel tax for 1998-99.

*Moved by Director Cameron and seconded by Director Novakowski:*

*"That the Okanagan Basin Water Board support the Chairman in seeking to meet with the Minister of Environment to continue to try to secure adequate Provincial support for aquatic weed control."*

CARRIED.

### Aquatic Weed Derooting

The Field Supervisor provided a summary (attached) of aquatic weed derooting done in the fall of 1996 and spring of 1997.

Director McCoubrey asked about the Belvedere Resort area of Wood Lake and conflict with a water intake.

Mr. Armour advised that a submersible pump supplying drinking water for the resort had been installed following failure of the well on the property. He said that weed removal equipment had hit the pump once and could no longer operate in the area.

Director Perrie commented that scheduling for the remainder of the budget short year should try to ensure that sites are only missed for one season to minimize the impact of regrowth of weeds.

There was further discussion of a boat fuel tax as a means for the province to raise money for weed control. It was noted that this method was successfully used to fund lake management projects in Wisconsin and had the benefit of taxing users of the resource, both local and from other areas, including out of province.

*Moved by Director Fourt and seconded by Director Cameron:*

*"That the Okanagan Basin Water Board write to the Minister of Environment in support of a boat fuel tax to provide the Provincial government with a dedicated source of revenue for aquatic weed control. The Minister should be provided with supporting information from Washington and Wisconsin states and the information copied to UBCM."*

CARRIED.

Director McGrath reported that the City of Vernon was opposed to any extra funding being collected by local government to support weed control in the absence of adequate provincial commitment.

### OTHER BUSINESS:

#### Requisition for Sewer Assistance Grants for 1998

Mr. Armour provided a summary of the estimated draw on the sewage Facilities Fund over the



next three years. He noted that estimates of costs for new projects at Summerland and Lake Country had been derived from talks with municipal officials in those areas.

Mr. Armour recommended that the draw on the fund be averaged to keep the requisition from the regional districts stable for the three year period. He advised that he had incorporated elimination of the approximate \$500,000 surplus over the three years, The amount required annually would be about \$1, 75 million dollars, down from the \$1.91million requisitioned for the current year.

Director McGrath reported that Vernon Council wanted only the minimum amount required each year to be requisitioned.

Director Hobson felt the fluctuations in annual request would be difficult to explain to the regional boards and he would feel more comfortable with a stable request.

The issue of funding of sewage grants to areas of 'old development' and those driven by growth was discussed. It was noted that most requests would contain a mixture of providing services to areas of established development and sizing for new growth. The distinction as to where OBWB funding extended was not likely to be clear cut.

The Chairman referred to a letter sent in his capacity as Mayor of the District of Coldstream, asking for clarification of the Water Board Grant policy as it might apply to construction of treatment facilities by Coldstream.

Mr. Armour noted that Coldstream's current debt repayment was for collection systems. There had been instances in the past of jurisdictions receiving a grant for a second project.

Moved by Director Hobson and seconded by Director Cameron:

*"That the Okanagan Basin Water Board requisition an averaged amount from the regional districts, sufficient to meet the projected needs for repayment of sewer project debt over the next three years, and that this amount reflect reduction of the fund surplus over the three year period."*

CARRIED.

Director McGrath opposed.

#### CORRESPONDENCE:

##### Bill Barisoff, MLA (Okanagan-Boundary) - Osoyoos Lake Water Quality Funding

A copy was received of a letter from the MLA to the Minister of Environment suggesting that funding be provided for water quality improvements in Osoyoos Lake.

##### District of Coldstream - Sewage Facilities Funding

The Mayor of Coldstream asked for clarification of the eligibility of the District for Sewage Grant funding for a treatment facility contemplated by the District.

##### City of Vernon - Milfoil Funding

Two resolutions from the City of Vernon were received; that the City did not support any

additional local funding for weed harvesting to offset the reduction in funding by the Province, and that the Water Board requisition only the amount needed to meet sewage grant obligations in the current year.

Moved by Director McGrath and seconded by Director Fourt:

*\*That the correspondence be received.\**

CARRIED.

SEWAGE FACILITIES GRANTS:

Grant Applications:

There were no grant applications for consideration this time.

NEW AND UNFINISHED BUSINESS:

Next Meeting Date:

The next regular Board meeting will be January 6, 1998 in Vernon. There will be no meeting in December.

Director Fourt sounded out the Board on a means to raise revenue to fund infrastructure projects through establishing a public corporation and issuing shares. A good rate of return could be generated for the shareholders over a long time period, and cash could be borrowed from a local source at a reasonable rate.

Director McCoubrey stated that the issue combines getting the money required at a reasonable rate, and accessing funds in start up years of a project. He noted that local government has a Municipal Finance Authority and possibly what is required is a change of rules to permit a sort of deficit financing in early years of a project until cash flow improves as subscribers come onstream.

ADJOURNMENT:

The Okanagan Basin Water Board meeting adjourned at 12:20 P.M.

  
The Okanagan Basin Water Board meeting adjourned at 12:20 P.M.

  
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CHAIRMAN

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SECRETARY-TREASURER

1997 OKANAGAN DREDGING SUMMARY

LAKE AND SITE	EQUIPMENT	OPERATING DATES	OPERATING HOURS	PREDOMINANT VEGETATION	AREA TREATED	COMMENTS
<b>WOOD LAKE</b>						
Turtle Bay	Roto #2	April 14 - 24	59	Primarily <i>Potamogeton</i> spp.	3	
Sam's Resort/Kokanee Beach	Roto #2	April 4 - 9, 24 - 30	73.5	Primarily <i>Potamogeton</i> spp.	2	
Beasley/Reiswig Park	Roto #2	May 1 - 14	75.8	<i>M. spicatum</i> & <i>Potamogeton</i> spp.	3	
Belvedere/Spot Resort	Not Done in 1996-97					
North West Corner	Roto #2	May 15 - 28	12.3	<i>M. spicatum</i>	<.5	Conflict with new lake water system
<b>WOOD LAKE SUBTOTAL</b>			220.6		8	
<b>KALAMALKA LAKE</b>						
Kalamalka Beach	Roto #2	Nov 19 - Dec 9/96 Dec 13-Jan 24/97 March 17 - April 1	285.4	<i>M. spicatum</i> & <i>Potamogeton</i> spp.	5	
Summertree	Roto #2	Dec 10 - 12/96	9	<i>M. spicatum</i> & <i>Potamogeton</i> spp.	0.5	
Kekuli Boat Launch	Roto #2	Feb 4 - 6	12.1	<i>M. spicatum</i> & <i>Potamogeton</i> spp.	0.5	
Kinloch Drive (Rebkowich's)	Roto #2	Jan 29 - 30	13	<i>M. spicatum</i> & <i>Potamogeton</i> spp.	0.5	
<b>KALAMALKA LAKE SUBTOTAL</b>			319.5		6.5	
<b>OKANAGAN LAKE</b>						
<b>VERNON ARM</b>						
Kin Beach/ Sandy Beach	MRV OKANAGAN	Nov 18 - Dec 23	179	<i>M. spicatum</i> & <i>Potamogeton</i> spp.	6.5	Moved to Kelowna due to ice cover in
Philip's Corner	MRV OKANAGAN	Mar 11-April 2	168.9	<i>M. spicatum</i> & <i>Potamogeton</i> spp.	3.5	
<b>KELOWNA FORESHORE</b>						
Bridge to Strathcona Ave.	MRV OKANAGAN	Jan 15 - March 10	169	<i>M. spicatum</i> & <i>Potamogeton</i> spp.	6	Some <i>Chara</i> sp present
	Bombardier	April 23 - May 12	56	<i>M. spicatum</i> & <i>Potamogeton</i> spp.	3.5	
Maude Roxby Marsh (Foreshore)	Not Done in 1996-97					
West Ave. to Cedar Ave.					8	
	Roto #1	Jan 23 - March 3	124.6	<i>M. spicatum</i> & <i>Potamogeton</i> spp.	4	
	Bombardier	April 2 - 4	14.7	<i>M. spicatum</i> & <i>Potamogeton</i> spp.	0.5	
Yacht Club	Roto #2	March 4 - 10	42.5	<i>M. spicatum</i> & <i>Potamogeton</i> spp.	1	Dense weeds
Watt Road	Roto #2			<i>M. spicatum</i> & <i>Potamogeton</i> spp.	2	
Gyro Beach	Roto #2			<i>M. spicatum</i> & <i>Potamogeton</i> spp.	1	
Rotary Beach/Cook Ave.	Roto #2	March 4 - 14	31.5	<i>M. spicatum</i> & <i>Potamogeton</i> spp.	<.1	
Bluebird Bay	Roto #2	Feb 27 - 28, March 3, 11 - 13	41.4		0.5	
Sailing Club to Sarsons Beach	Roto #2	Feb 11 - 26	65.9	mainly <i>M. spicatum</i>	1.5	
<b>KELOWNA WESTSIDE</b>						
Casa Loma (Phone Cable)	MRV OKANAGAN	April 7 - 9	26	<i>M. spicatum</i> & <i>Potamogeton</i> spp.	0.5	
Westbank Yacht Club	MRV OKANAGAN	April 10 - 14	13	<i>M. spicatum</i> & <i>Potamogeton</i> spp.	1	treated in YC during construction
Westbank Linear Park	Roto #1	March 17 - 18	13	<i>M. spicatum</i> & <i>Potamogeton</i> spp.	<.1	
Westbank Pritchard Drive	Roto #1	March 19 - 20	8.5	mainly <i>M. spicatum</i>	<.1	
Green Bay	Roto #1	March 21 - 24	13.2	<i>M. spicatum</i> & <i>Potamogeton</i> spp.	1	

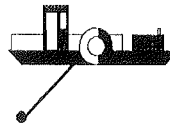


TABLE 3