

OKANAGAN BASIN WATER BOARD

AGENDA

January 25th, 1974-2:00 PM

- 1). Minutes from meeting of November 8th, 1973 and December 14th, 1973.
- 2). Unfinished Business.
  - Correspondence relating to local water management authority.
- 3). Accounts.
- 4). Appointments to Water Board - 1974
  - (a). Regional District of North Okanagan.
  - (b). Regional District of Central Okanagan.
  - (c). Regional District of Okanagan-Similkameen.
- 5). Election of Officers.
  - (a). Chairman.
  - (b). Vice-Chairman.
- 6). Appointment of Observers.
  - (a). Village of Osoyoos.
  - (b). City of Penticton.
  - (c). City of Kelowna.
  - (d). City of Vernon.
  - (e). District of Coldstream.
  - (f). District of Summerland.
  - (g). Township of Spallamacheen.
  - (h). City of Enderby.
- 7). Correspondence:
  - (a). B.E. Marr, Associate Deputy Minister of Water Resources -  
Re: Naramata Watershed.
  - (b). A.J. Chmelauskas - Re: Application for Pollution Control Permit  
by Sasges Cement Products.
  - (c). A.J. Chmelauskas - Re: Application for Pollution Control Permit  
by Crown Zellerbach Ltd.
  - (d). W.H. Weldon - Re: Application for Pollution Control Permit by  
the Vernon Fruit Union (Woodsdale).
  - (e). H.D. DeBeck - Re: Water Licence Applications - Beaupark Ranch and  
Okanagan West Shores View Estates.
  - (f). Osoyoos Advisory Planning Council and  
Village of Osoyoos - Re: Implementation Task Force, Okanagan Basin  
Study.
- 8). Applications for Pollution Control Permits.
  - (a). L.G. Clement - Winfield.
  - (b). Westbank Orchards - Westbank.
  - (c). Scherle Holdings - Rutland.
- 9). Reports:
  - (a). Pollution Control Branch
    - Alternate methods for Treatment and Disposal of Community  
Wastewater.
  - (b). Pollution Control Branch
    - Pollution Control Objectives for Municipal Type Waste Dis-  
charges.
  - (c). Kalamalka - Wood Lake Study.
  - (d). Aerial Photos. *AR. Report with...*
- 10). Other Business.

MINUTES OF THE MEETING OF THE OKANAGAN BASIN WATER BOARD, JANUARY 25th, 1974, 2:00 P.M. OFFICES OF THE REGIONAL DISTRICT OF CENTRAL OKANAGAN, 540 - GROVES AVENUE, KELOWNA, B.C.

1.

Present: F.W. Laird R.D.O.S.  
C. Dunn R.D.O.S.  
P. Farmer R.D.O.S.  
J.B. Shaw R.D.O.S.  
W. Oxley R.D.N.O.  
S. Fleming R.D.N.O.  
P. Duke R.D.N.O.  
A. Duncan R.D.C.O.  
E. Lawby R.D.C.O.  
C. Day R.D.C.O.

Also in attendance:

|                      |                             |
|----------------------|-----------------------------|
| Mayor W.C. Bennett   | City of Kelowna             |
| Alderman F. Oakes    | City of Penticton           |
| Alderman G. Morrison | City of Vernon              |
| Alderman H. Stoll    | District of Summerland      |
| R. Postill           | Chairman, R.D.N.O.          |
| H. Thompson          | Planning Director, R.D.O.S. |
| D. McKay             | Engineer, City of Vernon    |
| Alderman H. Blattner | District of Spallumcheen    |
| B. Harvey            | Vernon Irrigation District  |
| A. Harrison          | Administrator, R.D.C.O.     |
| Glen Sinclair        | Okanagan Basin Study        |
| Dr. D. Clarke        | South Okanagan Health Unit  |

The Chairman introduced and welcomed newly appointed Directors to the Board.

Minutes: Fleming - Shaw

That the minutes of the meeting of November 8th, 1973 and December 14th, 1973 be adopted as circulated.

CARRIED

Unfinished Business:

Local Water Management Authority: A copy of a letter from the Regional District of Central Okanagan to the Canada - British Columbia Consultative Board was read. The letter informed that the Regional Board of the Regional District of Central Okanagan, at their meeting on December 19th, 1973, adopted a resolution that the Regional Districts of North Okanagan, Central Okanagan, and Okanagan-Similkameen submit a recommendation to the Provincial Government to amend Letters Patent of each of the Regional Districts to restructure the Okanagan Basin Water Board and give it Legislative Authority and Financial means to implement the Okanagan Basin Study. This recommendation was also forwarded to the Minister of Municipal Affairs, Honourable J.G. Lorimer with a request for a meeting with Mr. Lorimer and Honourable Robert Williams, Chairman of the Environment and Land Use Committee. The three Chairmen of the Regional Districts would meet with the Ministers. This resolution would also provide an alternative to the recommendation contained in the Okanagan Basin Study, which suggested there be one Regional District created within the Okanagan Valley.

Mr. Farmer informed that the Regional District of Okanagan-Similkameen had also sent a similar resolution and recommendation to Mr. Lorimer.

Mr. Postill informed that the Regional District of North Okanagan has also sent this resolution and letter to Mr. Lorimer.

Chairman Laird mentioned to the Board that the Cities throughout the Valley are involved heavily in the Okanagan Basin Study particularly with respect to sewage treatment. He indicated that the above resolution originated largely from the Chairman of the three Regional Districts after a meeting of the Water Board; however, he felt that the Cities should be given consideration when dealing in the matter of the Okanagan Basin Study implementation. The Cities should be involved in this type of recommendation through the Okanagan Basin Water Board.

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Accounts: Accounts outstanding totalling \$658.81 were presented.

Farmer - Duke

That the above accounts totalling \$658.81 be paid.

CARRIED

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Appointments Letter from the Regional District of North Okanagan, Central Okanagan  
to Water and Okanagan-Similkameen were read, making the following appointments to the  
Board: Okanagan Basin Water Board for the 1974 term.

|  |                                    |                      |
|--|------------------------------------|----------------------|
| Regional District of North Okanagan:       | P. Duke                            |                      |
|  | T.W. Oxley                         |                      |
|  | S. Fleming                         |                      |
| Regional District of Central Okanagan:     | A. Duncan                          | L. Dooley, Alternate |
|  | C. Day                             |                      |
|  | E.W. Lawby                         |                      |
| Regional District of Okanagan-Similkameen: | P.A. Farmer                        |                      |
|  | J.B. Shaw                          |                      |
|  | C.G. Dunn                          |                      |
|  | Mayor Mrs. M.I. Hoover, Alternate. |                      |

Mayor Bennett asked concerning the appointment of Directors to the Okanagan Basin Water Board. He felt that when the decision had been made in previous years to increase the membership on the Board to nine Directors, that one Director from each Regional District would come from the major City in that Regional District. He questioned why there was not an appointment made to the Board from the City of Penticton.

Mayor Fleming said that he must support Mayor Bennett's remarks. He also felt that a Director from each of the three major Cities would be appointed.

Mr. Duncan also supported this concept.

Mr. Farmer said that when the decision was made to enlarge the Water Board to three Directors from each Regional District there was some objection at that time by the Regional District of Okanagan-Similkameen. He said that the additional member appointed by that Regional District would revolve around the major communities along the mainstem water system. One member appointed would generally represent the Municipalities within the Regional District of Okanagan-Similkameen. The debate at that time was that since Cities have a high interest in the Study particularly with respect to waste treatment they should be represented directly on the Water Board.

The Secretary-Manager indicated that correspondence exchanged with regard to this subject stated that although not written into the Letters Patent it would generally be expected that one member from each Regional District would be appointed from a major urban centre.

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Election  
of  
Officers:

The Chairman vacated the chair, and asked the Secretary-Manager to conduct the election of officers.

Farmer - Oxley

That A. Duncan be nominated Chairman of the Okanagan Basin Water Board for 1974.

Upon calling three times there were no further nominations. Mr. Duncan then assumed the chair. Mr. Duncan thanked the Board for his nomination. He indicated that it was his understanding that the Chairmanship of the Board rotates from Regional District to Regional District each year. He indicated that he did not have a long experience on the Water Board, however, he wished to delegate responsibilities to other members on the Board as well.

Election  
of Vice-  
Chairman:

Duke - Lawby

That Mayor Fleming be nominated Vice-Chairman.

Upon calling three times there were no further nominations. Mayor Fleming was declared Vice-Chairman of the Board for 1974.

Mayor Fleming extended a vote of appreciation to Mayor Laird for the work that he had done in the interests of the Board as Chairman during 1973. He wished to extend appreciation for this service to the Board.

Appointment  
of  
Observers:

Appointment of Observers to the Okanagan Basin Water Board for 1974 were made by several Municipalities as follows:

|  |                                      |
|--|--------------------------------------|
| Village of Osoyoos                     | - Mayor J.B. Shaw                    |
| City of Penticton                      | - Alderman F. Oakes                  |
| City of Kelowna                        | - Alderman C.B. Day                  |
|  | - Director of Engineering, N.J. Deck |
|  | - Alderman B.W. Lee - Alternate      |
| City of Vernon                         | - City Engineer, Mr. D.S. McKay      |
|  | - Mr. Ted Walton - Alternate         |
| District of Coldstream                 | - Alderman Olive L. Woodley          |
| Corp. of the District of<br>Summerland | - Alderman Hans Stoll                |
| Township of Spallumcheen               | - Alderman H. Blattner               |
| City of Enderby                        | - Mayor A.B. MacLeod                 |

Correspondence:

The following items of correspondence were read:

B.E. Marr  
Naramata  
Watershed:

1. Letter of January 2nd, 1974 from B.E. Marr, Acting Associate Deputy Minister of Water Resources. The letter summarized action which had been taken on the Naramata Watershed to protect against any danger of contamination by cattle. This action was taken following a meeting March 16th 1973 which was attended by various interested parties who presented their views on the matter. A consensus was reached at that meeting on the immediate steps that should be taken. These steps were designed to control animals in strategic locations through fencing. The following recommendations were made by Mr. Marr following the Naramata meeting:
  1. The provision of fencing and water troughs.
  2. Alterations in the Naramata Lake reservoir.
  3. Alterations in reservoir operations.
  4. Further investigation by Water Resources Services and Department of Health Staff.

Subsequent arrangements were made for fencing, development of water troughs away from the stream channel by the Forest Service, and for joint investigations by the Pollution Control Branch in cooperation with the Health Branch. The sampling program, to determine the effectiveness of these measures is in progress.

- Pollution Control Application-Sasges Cement:
2. Letter of November 14th, 1973 from A.J. Chmelauskas, Assistant Director, Pollution Control Branch, regarding an application for a Pollution Control Permit on behalf of Sasges Cement Products Ltd. of Vernon. The letter informed that this application to which the Water Board had objected has received final review and the decision was made that the objection was not such as to warrant a hearing. Pollution Control Permit No. PE2229 has been issued. However, the following measures to control pollution are to be provided: Improved drainage system, from which there is no positive discharge to Vernon Creek, consisting of washing pit with overflow pipe, collection trench, four sumps in series, tile drain, rock pit, and related appurtenances. The discharge point at the ditch feeding Vernon Creek will be removed.

The Secretary-Manager indicated that those points of concern to which the Water Board had objected will now be corrected under the application.

- Crown Zellerbach Permit:
3. Letter of January 7th, 1974 from A.J. Chmelauskas regarding the application for Pollution Control Permit on behalf of Crown Zellerbach Ltd. dated November 24th, 1972. A Pollution Control Permit dated January 7th, 1974 has been issued; however, in adjudicating the application certain measures were to be provided to prevent pollution. These measures are as follows:

1. Eliminate the powerhouse water softener backwash, steam condensate from sawmill shotgun and kickers, powerhouse boiler blowdown, plywood mill grindstone cooling water and plywood mill steam chamber by December 31st, 1974.
2. Eliminate the washdown water from veneer dryers and plywood mill lathe lubrication water by December 31st, 1975.
3. Treat boiler plant flyash washwater and veneer dryer deluge water.

The Secretary-Manager mentioned it appeared most items the Water Board had objected to under this application would now be corrected.

- Vernon Fruit Union Application:
4. Letter from W.H. Weldon, Head, General Section, Pollution Control Branch. The letter referred to an application for a Pollution Control Permit on behalf of the Vernon Fruit Union, Woodsdale Road Plant, Winfield, dated July 11th, 1973.

The above application to which the Board had objected was in its final stages of review. The applicant has advised that it may be the last processing season for the Woodsdale Plant. However, should the plant continue processing after the 1973 - 74 season the applicant will be required to install treatment facilities for the processing of effluent consisting of a septic tank, subservice seepage bed, tile field disposal system, and related appurtenances. The works are to be installed before discharge from the plant commences after the 1973 - 74 processing season. The above measures will prevent any further discharges of process water from the plant into Wood Lake. In view of the additional measures being required of the Applicant to prevent pollution the Pollution Control Branch Office wished to know whether the Water Board was prepared to withdraw its objection.

Mr. Day mentioned that since the Packing Plant had complied with the objections of the Water Board, the Water Board should withdraw its objection now.

Day - Shaw

That the Okanagan Basin Water Board withdraw its objection to the application for a Pollution Control Permit by the Vernon Fruit Union.

CARRIED

H.D. DeBeck 5.  
Beaupark  
Water Licence  
Application:

Letter of November 29th, 1973 from H.D. DeBeck, Comptroller of Water Rights regarding an application for a Water Licence by Beaupark Ranch and Okanagan West Shores View Estates. The letter was in reply to the Okanagan Basin Water Board letter of September 27th, 1973. The Comptroller stated that the availability of water from Okanagan Lake was not in question and a Licence is, therefore, being prepared in the name of West Slope Utility Corporation Ltd. authorizing the diversion of 86,000 gallons a day for water works purpose on a 172 lot subdivision within Lot 3688 Osoyoos Division of Yale District.

All other applications for Water Licences by the above applicants are being held in abeyance pending further investigation. The issuance of a Water Licence does not relieve the Licencee from compliance with requirements of other Government jurisdictions. While the availability of water is a prime consideration in the granting of Water Licences, many factors are considered. The Water Rights Branch has worked in conjunction with the Public Utilities Commission with regard to water works applications and licences, and certificates have normally been issued simultaneously. Effective July 15th, 1973 the Water Utility function of the Public Utility Commission came within the jurisdiction of the Comptroller of Water Rights under the Water Utilitys Act and the Energy Act. Steps have been taken to coordinate the functions of the Utility Division and the Licencing Division so that there will be closer cooperation relative to Water Utilities and Water Licencing.

Osoyoos  
Re: Imple-  
mentation  
Task Force:

6. Letter from the Osoyoos Advisory Planning Council directed to Mr. G. Whittaker, M.P. Okanagan Boundary. The letter indicated that as the Okanagan Basin Study nears completion the Osoyoos Advisory Planning Council strongly urges that an implementation Task Force be activated by March 31st, 1974 with instructions to report by June 30th, 1974. Support in this regard was requested.

A similar letter from the Village of Osoyoos dated December 13th, 1973 directed to the Hon. R. Williams was also read. The letter indicated that at the last regular meeting of the Osoyoos Council the following resolution was passed. That an Implementation Task Force be activated not later than March 31st, 1974 and the said Force be given direction to report it's findings not later than June 30th, 1974.

Mayor Fleming suggested that the reorganized Water Board be the Implementation Task Force. We are now trying to consolidate the Water Board; therefore, there should not be another body working parallel.

Mayor Shaw indicated that the point of the comments in the above correspondence was to associate early action in Implementation of the Study. He agreed with Mayor Fleming that the Water Board should be the vehicle. The Senior Government must also be impressed with the same concept.

Mayor Fleming suggested that at the meeting with the Ministers and the three Regional Chairman they should get the resolution accepted for giving the Water Board authority to implement the Study and should make a condition of the agreement that there would be coordination with the Senior Government in implementation. There is local support for this concept.

Shaw - Day

That the above correspondence be received and filed.

CARRIED

Applications for Pollution Control Permits:

L.G.  
Clement,  
Winfield:

1. Application by L.G. Clement, Winfield, B.C. to discharge effluent from the Winfield Coin Laundry into a drainage field. The average daily discharge would be 1,800 gallons. The effluent would be typical laundromat effluent. The type of treatment would be a grease trap, septic tank and drain field. The Secretary-Manager had visited the site in the field. Effluent from this facility would be discharged to the ground approximately 150 - 200 feet away from Vernon Creek. Tile field discharge of effluent from several other facilities in the shopping centre complex, located on the site, would be in the same area. The Technical Committee of the Regional District of Central Okanagan had reviewed this permit as well. In view of the possible general contamination of the Wood Lake - Vernon Creek area by septic tank fields, it was recommended that this application be subject to review after completion of the Kalamalka-Wood Lake Study in April, 1974.

Fleming - Farmer

That the recommendations of the Secretary-Manager be carried out.

CARRIED

Westbank  
Orchards  
Ltd.:

2. Application by Westbank Orchards Ltd., Westbank, B.C. to discharge effluent from a Fruit Packing Plant. The discharge would be into a culvert which discharges to a ditch entering Smith Creek and subsequently Okanagan Lake. There would be several different types of discharge. The largest volume would be 15,000 gallons of cooling water. Approximately 1150 gallons of dump water, wash water and rinse water would also be discharged. The cooling water undergoes a slight temperature rise and is of no great concern; however, the smaller volume of rinse water is discharged directly to the drainage ditch and subsequently to Okanagan Lake. This should be corrected. The Secretary-Manager had inspected the site in the field. The applicant had indicated there would be changes made in the application to provide for spray irrigation or ground discharge of the rinse and wash water. This would relieve any discharge to the Lake. However, the Board should concern itself only with the present written application and if there are further amendments these could be considered later.

Day - Lawby

That the Okanagan Basin Water Board object to the application as submitted by Westbank Orchards for a Pollution Control Permit.

CARRIED

Scherle  
Holdings  
Ltd.:

3. Application by Scherle Holdings Ltd., Rutland, B.C. to discharge effluent from a precasting concrete plant into the ground. The average daily discharge would be 96 gallons. Wash down water would be settled before discharge into the drainage fields. The Secretary-Manager had visited the site. Effluent volume would be small and there would be no surface discharge.

Farmer - Oxley

That the application by Scherle Holdings Ltd. be approved.

CARRIED

Reports:

The Secretary-Manager mentioned that the following water resource related reports were available at the Water Board Office for review.

Alternate Methods of Waste Treatment: 1. A recently printed report, by the Pollution Control Branch, entitled "Alternate Methods for Treatment and Disposal of Community Wastes".

The Secretary-Manager indicated that the report was a comprehensive report describing various methods of waste treatment available to communities. The report was easy to read. Cost figures are included. This could be a good reference for communities anticipating waste treatment systems.

Municipal Wastes Objectives: 2. Report by the Pollution Control Branch on pollution control objectives for municipal type waste discharges in B.C.

The Secretary-Managed indicated this report was a result of the inquiry into Municipal Wastes sponsored by the Pollution Control Branch on April 30th, 1973. The Water Board had made a submission to this Inquiry. The objectives would serve as a guideline to municipalities anticipating sewer structures. Required levels of effluent quality are indicated. If local municipalities do not have copies of these objectives, the Water Board office could arrange to provide these.

Kal-Wood Lake Study: 3. Kalamalka-Wood Lake Study. The Secretary-Manager recalled past correspondence of the Water Board concerning the schedule of the Kalamalka Wood Lake Study. The Study had initially planned a Public Meeting for January; however, this has now been changed since a Task Force has been established to deal with the Public Involvement sector of this program. Mr. Sinclair would be coordinating the Task Force. The Study is scheduled for completion in April, 1974.

Mr. Sinclair indicated that a Task Force has been established with a good cross representation from the North Okanagan Valley Community to offer local views on the Kalamalke-Wood Lake situation. The news media will be used to inform the public. A background paper would be prepared before April. Mr. Sinclair further added that the snow course on Silver Star now measured 18.9 inches water equivalent. Water was now being released from Kalamalka Lake.

Mr. Sinclair mentioned several items relating to the Okanagan Basin Study. He indicated a film would be shown on aturday evening entitled "To Our Children's Children". This dealt with the Basin Study. Recommendations No. 1 and No. 2 of the final draft of the Study are now being revised. Hopefully a redraft would be available on recommendations 1 and 2 in mid-February. One of the recommendations required that the Federal and Provincial Governments meet together to review implementation. However, the Study has no right to insist that the Federal and Provincial Governments spend money and when or in what location.

Aerial Photos: 4. The Secretary-Manager mentioned that the Okanagan Basin Study has kindly contributed a complete set of Aerial Photos showing the shoreline of the Okanagan mainstem system, from the Osoyoos border north to Armstrong and Coldstream. These photos are at a large scale (500 feet to the inch) and are excellent for planning purposes for shoreline recreation and water related land use.

Aquatic Weeds: 5. The Secretary-Manager mentioned that the Water Board had been in close cooperation with the Province in aquatic weed studies. A report has now been completed, by the Province, for Windemere Lake aquatic weed growth. A copy is available at the Water Board Office. A report on Okanagan Lake aquatic weeds will also be available.

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Other Business

Summerland Fish Hatchery: Mr. Farmer indicated that the Regional District of Okanagan-Similkameen was concerned with the action of the Summerland Fish Hatchery in their discharge of Hatchery wastes to Okanagan Lake. This would add to lake pollution even though the effluent may be dilute.

Dr. Clarke was asked to comment. He brought a sample of the effluent taken a year ago. He indicated the effluent was obnoxious and felt that the Hatchery was a dirty industry. The waste should be treated regardless of where it was discharged. The Federal Government is treating Hatchery waste at Capilano and the Provincial Government is treating Hatchery waste at Abbotsford. The Fisheries Branch maintains the waste is so fine at the Summerland Hatchery that it can not be treated. Waste discharge is equivalent to a population of 250 - 1000 people. Meetings were held one year ago with the Fisheries Branch. The Water Board has been opposed to this permit. The Health Unit and the Municipal Council of Summerland were also opposed. On Monday a backhoe was observed starting to place outfall pipes. Bacterial counts have been high. This discharge by a Provincial Agency makes a joke of the Okanagan Basin Study. Contents of the fish food are complex. These are likely to cause weed growth, Lake over-nutrition, and biological contamination.

Alderman Stoll, of Summerland, indicated arguments, given by the Fisheries Branch, were that it is good to increase the fish population of Okanagan Lake by providing extra nutrition. They have said the effluent could not be improved because it is dilute. The same situation would arise if Penticton or Kelowna were to dilute effluent substantially and claim it could not be treated. The Water Board should attempt to get a grasp on the Hatchery situation.

Mayor Fleming indicated the Board would have support of all Valley Communities. If Municipalities are to remove the effluent from the Lake there can not be a double standard for the Hatchery. The Province should not be allowed to add effluent if Municipalities are to remove effluent.

Dr. Clarke mentioned that the Hatchery, the Cannery, and the Municipality have looked at a proposal to combine wastes from Industrial and Municipal sources for treatment purposes. So far the Hatchery has spent no money on waste treatment.

The Secretary-Manager mentioned that representatives of the Water Board had met with the Pollution Control Branch, the Health Unit, the Fisheries Branch, and the District of Summerland to deal with the Hatchery problem. The Board had strongly objected to this application for a Pollution Control permit. However, the permit has been issued.

Mayor Fleming suggested the Board take strong action, against the Hatchery, and to proceed legally if required.

Fleming - Farmer

That the Water Board investigate what could be done to proceed with an injunction against the Hatchery to halt the discharge of wastes and further construction of the outfall.

CARRIED

Okanagan  
Basin  
Water  
Authority:

Mr. Farmer indicated the future of the Water Board, relative to the Okanagan Basin Study, would have to be discussed. Recommendations were required from the Board to the Regional Districts. A Basin Authority was required to carry out the Study. He indicated some of the possibilities, for such an authority, that had been described in a report by Mr. Sinclair. The Authority could have representation from both Provincial and Federal Governments. However, the Authority would be composed mainly of local valley people. The Study has made suggestions and we must start to implement these with a tough authority as soon as possible. The Regional Districts can not carry implementation through financially alone.

The Chairman said he understood that the first step has been initiated by the three Regional Districts passing a resolution to meet with the Provincial Government. The Study's final recommendation relative to a Basin authority would be coming out in February.

Mr. Sinclair indicated that the report would not be in detail but would give a range in the alternative for a Basin authority.

Mr. Farmer asked whether the Chairmen should get some advice from the Water Board before going to the Ministers concerned. Is this Basin authority the terms the Chairmen should be thinking when meeting in Victoria.

Mayor Fleming stressed that the three Chairmen should meet with the Provincial Government as soon as possible. They should involve the Department of Municipal Affairs, Pollution Control, Health and other authorities. At the meeting the Chairmen should determine what degree of participation can be obtained from the Provincial Government. After meeting with the Province the Board could meet and see what the Province is prepared to surrender before part of the Regional District jurisdiction is surrendered. The nature of the structure could then be pinpointed. The three Regional Chairmen would have to consult with Study personnel and the Province to indicate the Regional Districts are prepared to surrender a certain amount of their jurisdiction to a local authority. At the same time they must ask what the Province is prepared to do.

Mayor Duke asked if there had been a reply to the Provincial letter concerning arrangements for a meeting with the Ministers. There has not been a reply.

Mayor Fleming indicated there had been an addendum, from the Regional District of North Okanagan, to the resolution proposing the Water Board authority. The addendum limited the powers of the new authority to water management only.

The Secretary Manager reaffirmed the importance of what Mayor Fleming had said relative to meetings with the Province as local representatives now are not aware of the Provincial thinking in regard to coordination of Resource Agencies within the Valley to implement the Study. For example, intersector committees have now been established whereby the Resource Departments will meet, by area, to resolve any resource conflicts. Such a committee has been established in the Okanagan Region to deal with Okanagan Resource conflicts. Part of the responsibilities of this intersector committee may be to implement the Okanagan Basin Study. However, this committee so far has not communicated with Regional Districts or Planners who are heavily involved with Land Resource Use Planning. It is important that the Water Board find out the purpose and function of this Committee and possible eventual communication and representation on this committee.

The Secretary-Manager further stated that the main area of involvement, the local community would have for implementation of the Study, is likely to be municipal waste management. This is also where the greatest cost will be incurred.

Mayor Fleming mentioned that as long as the Board could have access to Provincial Standards and Legislation the Study could be implemented. The Board would have to know the level of monetary participation by Senior Levels of Government.

Mayor Fleming suggested that the three Chairmen meet in Victoria with the Ministers as soon as possible and make a clear statement that the three Regional Districts are prepared to cooperate in implementing the Study and should at the same time ask the Province what it is prepared to do. If the Province is not prepared to react then the Regional Districts cannot react further.

Mayor Fleming indicated that Mr. Chris Woodward was a coordinator in Victoria on behalf of the City of Vernon, to expediate any matters the City requires in Victoria. He could be of some assistance in arranging a meeting.

Mr. Farmer indicated the responsible agencies for Okanagan Basin Study implementation were likely to be Municipal Affairs; Lands, forests and Water Resources; Health; Agriculture; Recreation and Conservation.

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Appoint-  
ments to  
the Board:

Mr. Farmer explained that there may have been some misinterpretation concerning appointment of the third member from each Regional District to the Water Board. Initially the Regional Board of the Regional District of Okanagan-Similkameen had been opposed to the appointment of a third member to the Water Board. However, if there was an appointment to be made, the member would come from one of the Municipalities and represent all Municipalities within the Regional District. Mr. Farmer indicated that he wished Mayor Shaw to be a Director on the Water Board since he represented a Municipal Area, and since all the sewage effluent entering the system would likely end up in Osoyoos.

Mr. Farmer realized the three large Cities have their problems in waste treatment. He indicated that he did have a work load and other responsibilities as Chairman of the Regional District of Okanagan-Similkameen. He, therefore, suggested that he would resign his position on the Water Board and would ask Mayor Laird to make an appointment to the Board from the City of Penticton.

Mayor Fleming commended Mr. Farmer saying this was indeed a selfless action. Mr. Farmer has been on the Board for many years since the initiation of the Board. His experience is an asset to the Board. The reason the three Cities asked for the commitment of having one Director on the Board was their large interest and involvement in waste treatment.

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Mr. Oxley moved that the meeting adjourn.

The meeting adjourned at 3:20 P.M.

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No meeting in February, 1974

no meeting  
Feb 1974

MINUTES OF THE MEETING OF THE COMMITTEE-OF-THE-WHOLE OF THE OKANAGAN  
BASIN WATER BOARD. MARCH 7th, 1974 3:35 P.M. OFFICES OF THE  
REGIONAL DISTRICT OF CENTRAL OKANAGAN, 540 Groves Ave., Kelowna, B.C.

1.

Present: A. Duncan Chairman R.D.C.O.  
C. Day R.D.C.O.  
E. Lawby R.D.C.O.  
W. Oxley R.D.N.O.  
P. Duke R.D.N.O.  
F. Laird R.D.O.S.  
C. Dunn R.D.O.S.  
J. Shaw R.D.O.S.  
W. Parchomchuk Secretary-Manager

Mr. Duncan mentioned that the three Regional District Chairmen had met in the morning with Mr. Marr, Deputy Minister, Water Resources. During the discussion Mr. Marr mentioned the Implementation Task Force, as described under recommendation No. 2 of the Okanagan Basin Study, was now being organized. The Task Force would consist of one Provincial member, one Federal member, and one local member, and would serve mainly as a fact gathering team to assist Government in Study Implementation. Federal and Provincial appointments have been made. A person familiar with the Okanagan Basin Study would have to be recommended locally. It should be a person who generally represents the entire Okanagan Basin geographic area.

During the morning meeting, Mr. Duncan had suggested that the Secretary-Manager of the Okanagan Basin Water Board be recommended for the position. Mr. Duncan indicated that Mr. Farmer has suggested that Mr. Rheume, Administrator of the Regional District of Okanagan-Similkameen, be recommended. Before adjournment to lunch, the meeting agreed that Mr. Rheume be recommended to Mr. Marr for the local representative on the Implementation Task Force.

Mr. Duncan indicated that he was not in favor of this appointment and had subsequently, over the lunch period, approached Mr. Postill and Mr. Farmer because he felt that the appointment to the Task Force should be a person who was already working in the whole valley region rather than in just one area. The person should be fully acquainted with water in the entire Okanagan Basin. He therefore suggested to Mr. Farmer and Mr. Postill that the Secretary-Manager of the Water Board would be the most appropriate for the position.

Mr. Duncan informed the Board that Mr. Postill agreed with Mr. Duncan's suggestion. He felt there was merit in the recommendation, for the reasons Mr. Duncan had stated. Mr. Duncan felt that a recommendation of this nature should not come from the three Regional Chairmen, but rather from the Water Board which has a broader representation over the entire valley community.

Mr. Duncan indicated that Mr. Postill and Mr. Farmer were aware this item would be brought before the Water Board in Committee.

Mayor Duke indicated that as Deputy Chairman of the Regional District of North Okanagan he would question the suggestion for appointment of an Administrator from a single Regional District to the Task Force. He felt that the recommendation should have come from the Okanagan Basin Water Board.

Mayor Laird agreed that Mr. Duncan had chosen the right track in recommending someone from the entire valley community.

Mr. Duncan indicated he would telephone Mr. Marr informing he had not been prepared for making the recommendation during the morning meeting; and further that the decision should have been made by the Water Board. He would inform Mr. Marr that the Water Board wished to have the recommendation changed.

Mayor Shaw agreed it was vital to get on with this Task Force. He questioned why the Administrator of a single Regional District would be asked to represent the entire Okanagan Basin on this Task Force.

Laird - Oxley

That Mr. W. Parchomchuk, Secretary-Manager of the Water Board, be recommended to Mr. Marr as the local appointment to the Okanagan Basin Study Implementation Task Force.

CARRIED

Mr. Duncan said he would telephone Mr. Marr concerning this recommendation and would indicate that the decision was unanimous.

Mayor Shaw asked why the three Regional District Chairmen had met concerning the Okanagan Basin Study and not the Water Board.

Mayor Laird felt the Chairmen of the Regional Boards should meet with the Directors of their Boards. They must have the backing and support of their Boards.

Mayor Duke said the Water Board could be assured that when the Regional District of North Okanagan meets there will be no disunity concerning the subject matter of this meeting.

Mayor Laird questioned whether only just the three Chairmen should be travelling to Victoria to present local proposals concerning an Okanagan Basin Water authority and waste management. The Chairmen must go with the support of their Regional Board.

Mr. Duncan indicated that the three Chairmen recognized the Water Board is a function of the three Regional Districts. They are not trying to take anything away from the Water Board.

Alderman Day mentioned that it would be up to the specific Boards to make the decision and not the Chairmen of the Boards.

Mayor Shaw suggested that undue emphasis should not be placed on the morning meeting. If two Regional Chairmen have agreed on a recommendation for the Implementation Task Force then they could be assured that the Regional District of Okanagan-Similkameen would go along with the Water Board's decision. There was no need for great concern.

Mr. Duncan mentioned that during the morning meeting the three Chairmen agreed to ask for authority to implement the Study and agreed upon three basic items as the role of the local Government in implementing the Study.

Mayor Laird said it appeared the three Chairmen have set themselves up as representatives for recommendations from the Valley.

Mr. Duncan asked whether the question of the composition of the Victoria delegation should be referred back to the Regional Districts for approval.

Mayor Laird suggested that representation to Victoria has to be broader and should involve the Water Board. There has to be a considerable emphasis on implementation when meeting Provincial Ministers. Alderman Day said that he did not think complete authority was given the Chairmen. They must report back to the Board.

Mr. Duncan indicated that during the meeting of the three Chairmen, it was agreed to draft a letter showing specifically what the local Government would be requesting in Victoria.

Mr. Oxley and Mr. Laird suggested that representatives have been appointed by the Regional Districts to the Okanagan Basin Water Board to represent them in this capacity on the Water Board.

Mayor Duke suggested that representatives from the three major cities in the Valley also be sent to Victoria with the Chairmen.

Mr. Duncan had indicated to Mr. Marr that amalgamation of the three Regional Districts into one would not resolve water management problems since representation would be by population, with the largest voting unit coming out of the central Okanagan. Urban centres would tend to be favored. The present set up with three members on the Board from each area would allow equal representation by area. If local Government could show that they are in agreement on their recommendation, the Province is more likely to accept a proposal.

Mayor Duke left the meeting.

Oxley - Lawby

That representatives of the three major Okanagan cities, as well as the three Regional Chairmen, represent local Government during meetings in Victoria concerning Okanagan Basin Study implementation.

CARRIED UNANIMOUS

The Board agreed that the Regional Districts should know by way of letter that the three Mayors will be going with the Regional District Chairmen to Victoria.

Mayor Laird indicated that Mr. Duncan, Chairman of the Water Board should obviously be the spokesman for the group.

Mr. Oxley moved that the meeting be adjourned.

The meeting adjourned at 4:25 P.M.

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OKANAGAN BASIN WATER BOARD

AGENDA

March 7th, 1974 2:00 P.M.

1. Appointment of F.W. Laird - Director to the Water Board.
2. Minutes from meeting of January 25th, 1974.
3. Accounts.
4. Appointment of Observers:
  - (a). City of Kelowna.
  - (b). The Corporation of the Village of Princeton.
  - (c). The Corporation of the District of Peachland.
  - (d). The Regional District of Columbia-Shuswap.
5. Resolution:  
Re: Policy concerning appointment of Directors from Urban centres.
6. Correspondence:
  - MARR (a). B.E. Marr -  
Re: Osoyoos Lake levels.
  - (b). Okanagan Action Group -  
Re: High density development on Okanagan Lake.
  - (c). J.B. Brodie, Pollution Control Branch -  
Re: Adam Milling application for a Pollution Control Permit.
  - (d). D. Lockhart, Pollution Control Branch -  
Re: Application for pollution control permit - Vernon Fruit Union.
  - MARR (e). Hon. D. Cocke -  
Re: Fish Hatchery - Summerland.
  - MARR (f). L.A. Bergman, Senior Hydraulic Eng., Water Resource Service -  
Re: Kalamalka - Wood Lake Basin Study reports.
- MARR 7. G. Sinclair - Progress report.  
Re: Kalamalka - Wood Lake Study.
- MARR 8. Stream siltation and erosion control.
9. Lake levels and snowpack.
10. Applications for Pollution Control Permits -
  - (a). Wright's Beach Camp Co. Ltd., Penticton  
- Letter, City of Penticton.
  - (b). Dominion Concrete Products Ltd., Kelowna.
  - (c). Fiberplast Products Ltd., Winfield.
  - (d). Arman Diewart, Kelowna.
11. Other Business.  
✓ Canadian Water Resources Association Meeting.

Note: ~~Mr. Marr may be in attendance at the above meeting.~~

MINUTES OF THE MEETING OF THE OKANAGAN BASIN WATER BOARD, MARCH 7th,  
1974, 2:00 P.M. OFFICES OF THE REGIONAL DISTRICT OF CENTRAL  
OKANAGAN, 540 - Groves Avenue, Kelowna, B.C.

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1.

Present:

|           |           |          |
|-----------|-----------|----------|
| A. Duncan | Chairman  | R.D.C.O. |
| C. Day    |           | R.D.C.O. |
| E. Lawby  |           | R.D.C.O. |
| W. Oxley  |           | R.D.N.O. |
| P. Duke   |           | R.D.N.O. |
| F. Laird  |           | R.D.O.S. |
| J. Shaw   |           | R.D.O.S. |
| C. Dunn   |           | R.D.O.S. |
| M. Hoover | Alternate | R.D.O.S. |

Also in attendance:

|               |   |
|---------------|---|
| B.E. Marr     | Associate Deputy Minister, Water Resources                |
| E. Anthony    | District Water Rights Engineer                            |
| P. Farmer     | Regional District of Okanagan-Similkameen                 |
| H. Thompson   | Planning Director, Regional District Okanagan-Similkameen |
| H. Blattner   | Regional District North Okanagan                          |
| F. Oakes      | Alderman, City of Penticton                               |
| A. Harrison   | Administrator, Regional District Central Okanagan         |
| P. Mackiewich | Administrator, Regional District North Okanagan           |
| B. Harvey     | Vernon Irrigation District                                |
| C. Woodley    | Alderman, District of Coldstream                          |
| J. Connelly   | Planning Director, Regional District North Okanagan       |

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A letter of February 26th, 1974 from the Regional District of Okanagan-Similkameen was read appointing Director F.W. Laird to fill the vacancy created by Director P.A. Farmer's resignation from the Water Board.

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The Chairman welcomed Mr. B.E. Marr, Associate Deputy Minister of Water Resources. Since Mr. Marr could only be present for a short period, those items on the Agenda requiring some comment from Mr. Marr would be taken first.

Correspondence:

The following items of correspondence were read:

Osoyoos  
Lake  
Levels:

1. Letter of February 12th, 1974 from Mr. B.E. Marr, Acting Associate Deputy Minister of Water Resources. Mr. Marr had written on behalf of the Honorable R. Williams, Minister of Lands, Forests and Water Resources, concerning water levels on Osoyoos Lake. Two courses of action could be taken. First a reference under the International Joint Commission, with respect to Zozel Dam, was being initiated. This request was in accordance with recommendations of the Okanagan Basin Study. Secondly a small Committee, with representation from the Department of Municipal Affairs and the Water Resources Service, is being established to draft floodproofing instructions and methods for the use of local Governments. Priority is being given to the Osoyoos Lake problem.

In commenting Mr. Marr mentioned through improved controls at the Zozel Dam, on the United States side of the Border, low levels on Osoyoos Lake could be better managed.

Mayor Shaw asked how long it would take the International Joint Commission to resolve this problem.

Mr. Marr mentioned that a submission is now being made to the International Joint Commission through the Department of External Affairs. This would

be an International arrangement. It may take several years before a conclusion is reached.

Mayor Shaw asked what efforts were being made to coordinate the Dam at Penticton with the Zozel Dam. Mr. Marr indicated the Water Resources Service was in direct contact with the operator at Zozel Dam.

D. Cocke  
R.A. Williams  
Summerland  
Fish  
Hatchery:

2. A letter of February 13th, 1974 was received from the Honorable D. Cocke in reply to a Water Board letter of January 30th concerning discharge of effluent by the Summerland Fish Hatchery. Mr. Cocke indicated he would discuss the matter with the Honorable R.A. Williams and the Honorable R.J. Radford.

A letter of February 21st from the Honorable R. Williams, Minister of Lands, Forests and Water Resources was also read. The letter mentioned that Mr. Williams' investigation into effluent discharge from the Hatchery indicated the contribution of nutrients to Okanagan Lake is small, representing less than .1% of the total nitrogen and .2% of the total phosphorous entering the Lake from all sources. It is noted that the water supply to the Hatchery, Shaughnessy Spring, contributes approximately 1% of nitrogen entering the Lake. The Joint Federal-Provincial Studies conclude the effect of the Hatchery effluent on the Lake is negligible when compared to input of nutrients from all sources. Prior to issuing Pollution Control Permit No. PE 1585 treatment was considered, but treatment would only remove about 20% of the nutrients, a negligible improvement. Limited information from the Federally operated Capilano Hatchery indicated that the effluent quality is comparable to that at Summerland. The only effective way to substantially reduce the quantity of nutrients entering Okanagan Lake at Summerland would be to dispose of the effluent on land by irrigation or discontinue the operation.

In the meantime extension of the Hatchery outfall should resolve the localized nutrient problem. Stopping installation of the outfall at this time does not appear to be warranted. The Provincial Government would be willing to proceed with any reasonable alternative to the present situation.

The Secretary-Manager mentioned the Water Board was well aware that the effluent from the Hatchery is much diluted, carrying only a small volume of nutrients per volume of water. However volume of the discharge was great, and the total nutrient load should be considered. Although it was difficult to treat the entire diluted effluent, the effluent originating during the short wash down period could easily be managed separately to eliminate at least 25% of the wastes. This would be better than no improvement at all.

Mr. Marr indicated that the Province would receive any reasonable proposal.

Mayor Laird suggested that copies of Hatchery correspondence be forwarded to Dr. Clarke and the District of Summerland.

Kal-Wood  
Lake Study  
Reports:

3. Letter of February 15th, 1974 from Mr. L.A. Bergman, Senior Hydraulic Engineer, in charge of the Kalamalka-Wood Lake Basin Study. Mr. Bergman was replying to a request by the Water Board for copies of reports produced under the Kal-Wood Lake Study. Mr. Bergman indicated that the Water Investigations Branch will not send copies of reports to any Agencies. They are concerned about precedent. Once reports are sent, other Agencies or Groups may wish these. Mr. Sinclair has a complete set which is available to the Task Force, of which the Water Board is a member. The reports are of an interim nature and limited circulation is desirable from an administrative point of view. A list of the reports produced are enclosed.

Stream  
Siltation  
and Erosion  
Control:

The Chairman asked the Secretary-Manager to relate the problem of heavy siltation in several streams within the Okanagan.

The Secretary-Manager indicated that he was particularly concerned with the heavy silt load being carried by Vernon Creek into Okanagan Lake. The silts originate from various sources including construction work in and about stream banks, diversions, storm drains, and erosion. The silt burden is causing gradual filling of the North Bay of Okanagan Lake. Silt and a heavy nutrient load has resulted in a dense growth of aquatic weeds. An amount of money was being spent to harvest aquatic weeds; however, very little has been accomplished to curtail the silt load causing the weed growth.

Mr. Marr asked if the Board was thinking of siltation basins to collect the silt. The Secretary-Manager indicated this could be a second step. The first concern was to establish who has jurisdiction over this problem. Will it be Local or Provincial. Mr. Marr indicated that Provincial Scientists are looking at the weed and the silt problem. On the Coquitlam River, this problem was handled through a soil bylaw. Where there has been a problem, the Provincial Government has helped with some erosion control.

Mr. Marr asked that the Board consult with Provincial Scientists concerning the silt and weed problem. There are presently two Studies being done in the area; the Kalamalka-Wood Lake Study, and an aquatic weed study.

Duke - Oxley

That the problem of siltation in Vernon Creek and the North Arm of Okanagan Lake be persued with the Water Resources Service.

CARRIED

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The Chairman thanked Mr. Marr for attending.

Mr. Marr left the meeting.

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Minutes:

Shaw - Day

That the minutes from the meeting of January 25th, 1974 be adopted as circulated.

CARRIED

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Accounts:

The Secretary-Manager presented accounts outstanding to March 7th, 1974 totalling \$521.27.

Duke - Oxley

That accounts totalling \$521.27 be approved.

CARRIED

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MINUTES OF THE MEETING OF THE OKANAGAN BASIN WATER BOARD  
March 7th, 1974.

4.

Letters were read making the following appointments of Observers to the Okanagan Basin Water Board:

Appointment  
of  
Observers:

1. City of Kelowna - The appointment of Mr. C.B. Day, as Council non-voting Observer to the Okanagan Basin Water Board from the City of Kelowna, for 1974, was rescinded; and Mayor W.C. Bennett was appointed as non-voting Observer to the Okanagan Basin Water Board from the City of Kelowna, for 1974.
2. The Corporation of the Village of Princeton - The appointment of Mayor Jacobson as Observer.
3. Corporation of the District of Peachland - The appointment of Mr. James Edmund McKay as Observer to the Okanagan Basin Water Board.
4. Regional District of Columbia Shuswap - The appointment of Mr. J.E. Kerr as Observer to the Okanagan Basin Water Board.

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Resolution:

Policy,  
Appointment  
of  
Directors:

The Chairman asked the Board that there be some clarification regarding the appointment, to the Board, by Regional District Boards of Directors from urban centres. As a result of last months Board meeting, this policy is not entirely clear. A resolution should be adopted to clarify this matter.

Mayor Laird indicated this policy had been set in the past.

A review of the past minutes and correspondence of the Board in this regard did not indicate a clear resolution stating whether a Director from each Regional District should be from a major urban centre in each Regional District or from the major urban centre of each Regional District. However, after the membership from each Regional District, on the Water Board, had been increased by Letters Patent from two to three members, appointment of one Director from each of the three major urban centres was made by each Regional District. It appeared that, although not written into the record the three major urban centres would be represented. After discussion the following resolution was passed.

Shaw - Laird:

That the Water Board, in regulating its **procedures**, agrees that representation from each member Regional Board to the Water Board shall include one Regional Director from the major urban centre of each Regional District. Such Director to be appointed for a one year term at the first meeting of each Regional Board each year.

CARRIED

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Correspondence:

High Density  
Development  
Okanagan  
Mission:

1. A letter of January 28th, 1974 from the Okanagan Mission Action Group was read. The group was concerned regarding a high density development in the Okanagan Mission area near the Lake and near the Okanagan Mission water intake. The group was concerned that septic tank effluent would be leached into the Lake.

Mayor Duke suggested this was a Regional District and Health Unit matter. Mr. Day indicated that the area is within the new City of Kelowna. The property has been zoned Commercial. Health authorities have been reviewing the application.

- Adam Milling Ltd.: 2. Letter from J.V. Brodie, Mining Section, Industrial Division, Pollution Control Branch. The letter was in reply to a Water Board objection of January 31st, 1973. Mr. Brodie advised that Adam Milling Ltd. has withdrawn its Pollution Control application for the Olalla property.
- Vernon Fruit Union - Application: 3. Letter from D. Lockhart, Pollution Control Branch. The letter informed that the application for Pollution Control Permit on behalf of the Vernon Fruit Union has been adjudicated and that Pollution Control Permit No. PE 2839 has been issued. The Director considered all information available to him and decided in favor of issuing the permit in view of the works that would be installed.

Laird - Oxley

That the above correspondence be received.

CARRIED

Kal - Wood Lake Study: Mr. Glen Sinclair, Public Coordinator for the Kalamalka-Wood Lake Study was present at the meeting. The Chairman asked him for a progress report on the Study. Mr. Sinclair indicated that a preliminary assessment of the Lakes in the system had been made. The Kalamalka - Wood Lake Task Force has placed priorities on aspects relating to water quality in the system. Long term nutrient reduction is a high priority.

Various activities around the Wood Lake system are the source of much nutrient. A document summarizing the findings of the report should be prepared within the next few weeks. All the possible alternatives must be looked at, and then the most feasible improvements studied.

With respect to the Okanagan Basin Water Board's request for study reports, information, briefings, and minutes of Task Force meetings could be duplicated for the Water Board's use.

The Study will now be extended to the end of June.

Mayor Laird asked whether the final report of the Okanagan Basin Study has now been corrected. Mr. Sinclair indicated that Mr. Thompson has now made corrections. Mayor Laird asked whether the Provincial Government has seen the Okanagan Basin Study report. Mr. Sinclair felt that unofficially the Government has seen it but the official reporting date would be at the end of March.

The Chairman thanked Mr. Sinclair for attending the meeting.

Lake Levels and Snowpack: The Secretary-Manager presented the March 1st snow reports from stations throughout the Okanagan-Similkameen area. Indications were that high elevation stations have a particularly high snowpack equivalent to that of the 1972 flood year. Stations in the middle elevation, although not as great as the 1972 pack, were much above average. The overall indications are that a heavy snowpack is building. In the Okanagan area all stations over 5400' elevation, except Isintok Lake, have record high snowpacks. In the Similkameen, at present, the snowpack appears to have a water equivalent of about 80% of that reported in 1972. The snowpack appears to be more above average in the North than in the South. Silver Star, with an elevation of 6,050', has a record snowpack; the March 1st water equivalent was 35.9" compared to 32.6" during 1972. Oyama Lake has a record of 8.6" of water compared to 7.6" in 1972. Mount Kobau, at elevation 5,950', has a 19.2" water equivalent; this is an eight year record. In 1972 the water equivalent was 15.3".

During the past year water in Okanagan Lake had been held in reserve due to the drought of 1973. However, water would now have to be discharged to lower the Lake. Okanagan Lake level was presently at 1120.82'. This is .2' above average, or 1.03' above the minimum level. Okanagan River discharge has been 1,750 cfs. up to the 24th of February.

Applications for Pollution Control Permits:

Wright's  
Beach  
Camp:

1. Application by Wright's Beach Camp Co. Ltd. of Penticton to discharge effluent from a tent and trailer camp located on Highway 97 near Skaha Lake into a tile drain field located on the Penticton Indian Reserve. The volume of discharge would be 7,600 gallons daily. The Secretary-Manager had visited the site in the field. The close proximity of the field to Skaha Lake could result in some nutrients leaching to the Lake.

A letter from the City of Penticton was also read. The City objected to the tile field being close to Skaha Lake, and requested the Permit be withheld.

Mayor Laird indicated that the subsurface discharge has been a source of contention.

Laird - Shaw

That the application for a Pollution Control Permit by Wright's Beach Camp be denied.

CARRIED

Dominion  
Concrete  
Products:

2. Application by Dominion Concrete Products Ltd. of Kelowna to discharge effluent from a concrete batching unit at the Westside Industrial Park into the ground. The daily volume of discharge would be 10 Imperial gallons. The Secretary-Manager had visited the site. There would be no surface contamination of water.

Day - Lawby

That the application by Dominion Concrete Products Ltd. be approved.

CARRIED

Fiberplast  
Products  
Ltd.:

3. Application for an ammendment to a Pollution Control Permit by Fiberplast Products Ltd., Winfield, B.C. The Secretary-Manager had visited the site and had reviewed the application with the Technical Committee of the Regional District of Central Okanagan. The industry was a Chemical Industry manufacturing fiberglass resin. Chemicals used contained polyester, resin anhydrides, and glycols. Since this was a Chemical Industry discharging effluent to the ground, additional information, other than contained in the application, should be received. There is a possibility of well water contamination by chemicals. On this basis it was recommended that the application be held in abeyance.

Laird - Dunn

That the Technical Committee's recommendations, concerning Fiberplast Products Ltd., be accepted.

CARRIED

A. Diewart  
Camp  
Ground:

4. Application by Arman Diewart of Lakeshore Road, Kelowna to discharge effluent from a camp ground into a drain field. The volume of discharge could be approximately 5000 gallons. The Secretary-Manager had visited the site. The drain field was within 80 feet of a stream. The area in which the drain field was located had a relatively high water table. This is an existing operation. The problem of large septic drainage fields near the Lake and near streams had been a cause for concern in several areas during the past month. A future sewer line was anticipated in this area. It was recommended that the camp hook onto a sewer system as soon as one is available.

Day - Laird

That the camp site be recommended to hook onto a sewer system at the earliest date; however, there would be no immediate objection to the application.

CARRIED

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Other Business

Annual  
Conference  
Canadian  
Water  
Resources  
Association:

The Secretary-Manager mentioned that the annual conference of the Canadian Water Resources Association would be held at the Vancouver Airport Hyatt House, Richmond, British Columbia on June 12th, 13th, and 14th, 1974. The theme would be "Water, Land and Food - Canada's role in helping to meet world food needs." Members from the Water Board had attended these conferences in the past.

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The Secretary-Manager mentioned the Water Board, the Kelowna School Board, and the Okanagan Basin Study had sponsored a series of evening seminars on Water Resource management. The School Board has requested a small token payment of \$50.00 to help defray costs. Mayor Laird indicated that if this type of payment were to be made in one area, other School Boards also would be eligible for the same assistance.

Oxley - Laird

That the application, by the Kelowna School Board, be denied.

CARRIED

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Mr. Duncan asked that the meeting adjourn into Committee.

Mayor Shaw moved adjournment.

The meeting adjourned at 3:30 P.M.

OKANAGAN BASIN WATER BOARD

AGENDA

May 2nd, 1974 2:00 P.M.

- 1). Minutes from meeting of March 7th, 1974.  
*- Committee Minutes*
- 2). Accounts.
- 3). Financial Statements, 1974.
- 4). Correspondence:
  - (a). Association of B.C. Irrigation Districts
    - Appointment of Observer to the Water Board.
  - (b). Association of B.C. Irrigation Districts
    - Consideration for representation on future water management body.
    - Regional District of North Okanagan
    - Re: Association of B.C. Irrigation Districts representation.
  - (c). L.W. Homes - Pollution Control Branch
    - Re: Applications for Pollution Control Permit on behalf of Oliver-Osoyoos Co-operative Growers Association.
  - (d). D. Blake - Pollution Control Branch.
    - Re: Application for a Pollution Control Permit on behalf of Wright's Beach Camp.
- 5). Kal-Wood Lake Basin Study - Background Working Paper.
- 6). Lake level, Snowpack and Floodproofing *1120.01*
  - B.E. Marr letter.
- 7). Ceasars Landing - Erosion & Siltation.
- 8). Applications for Pollution Control Permits:
  - (a). Leduc Paving Ltd.
  - (b). Lorne Barclay Dobbin.
- 9). Other Business.
  - *Consideration of Water Resources Committee*
  - *Intersectoral Committee*
  - *Minutes of Committee Meeting*
  - Committee Meeting
  - Letters to Hon. R. Williams & J.G. Lorimer
  - Re: Okanagan Basin Study Implementation and related correspondence.
  - Letter Hon. R. Williams to Hon. J. Davis
  - Re: Okanagan Basin Study Implementation.

*- Committee Minutes  
- 12-15-77  
- P. B. L. 1977*

*- 970000 Re: Silt  
L.A.*

MINUTES OF THE MEETING OF THE OKANAGAN BASIN WATER BOARD, MAY 2nd,  
1974, 2:00 P.M. OFFICES OF THE REGIONAL DISTRICT OF CENTRAL OKANA-  
GAN, 540 GROVES AVENUE, KELOWNA, B.C.

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1.

Present: J.B. Shaw R.D.O.S.  
C. Dunn R.D.O.S.  
W. Oxley R.D.N.O.  
P. Duke R.D.N.O.  
A. Duncan R.D.C.O.  
C. Day R.D.C.O.  
E. Lawby R.D.C.O.

Also in attendance:

R. Postill Chairman, R.D.N.O.  
P. Mackiewich Administrator, R.D.N.O.  
W.C. Bennett Mayor, City of Kelowna  
Alderman J. Stuart City of Kelowna  
Alderman B. Lee City of Kelowna  
Alderman F. Oakes City of Penticton  
B. Harvey Assoc. of B.C. Irrigation Districts  
E. Melnyk Chairman, R.D. Columbia-Shuswap  
K.E. McKee Administrator, R.D. Columbia-Shuswap

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Minutes: Lawby - Day

That the minutes from the meeting of March 7th, 1974 be adopted as circulated.

CARRIED

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Accounts: Accounts outstanding totalling \$535.47 were presented.

Duke - Oxley

That the accounts totalling \$535.47 be paid.

CARRIED

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Financial Statements: The Secretary-Manager presented audited Financial Statements for the year ended December 31st, 1973. These statements had been mailed to Board members prior to meeting. The total revenue for 1973, including surplus from the previous year plus weed harvesting revenue, was \$24,207. Total expenditure for the year was \$19,726.00. A surplus of \$4,481.00 was left at the end of the year.

In 1972 total revenue was \$21,419.00 and total expenditure was \$20,514. Expenditures during 1973 were slightly less than 1972.

Shaw - Dunn

That the Financial Statements for the year ending December 31st, 1973 be approved.

CARRIED

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Correspondence:

The following items of correspondence were read:

- Assoc. of B.C. Irrigation Districts. Representative: 1. Appointment of Observer. A letter of March 29th, 1974 was read from the Association of B.C. Irrigation Districts. The letter advised that the representative from the Association of B.C. Irrigation Districts to the Water Board would be Mr. B. Harvey of Vernon. Mr. Ken Blagborne, of Summerland, would be alternate.
- Assoc. of B.C. Irrigation Districts Full Member: 2. A letter of March 20th, 1974 from the Association of B.C. Irrigation Districts suggested that Irrigation Districts in the valley have an important role in the control of water use. Any considerations for a future overall governing body for water in the Okanagan Valley should consider representation from the Irrigation Districts. The Irrigation Districts should have the privilege to discuss to determine and vote on issues that may arise.
- R.D.N.O. Re: Rep. Irrigation Districts: 3. A letter dated April 26th, 1974 from the Regional District of North Okanagan directed to the Association of B.C. Irrigation Districts informed that the Regional Board of the Regional District of North Okanagan supports the request of the Irrigation Districts for representation on a governing body and would recommend that representation from Irrigation Districts be made on the Technical Committee and on the re-structured Water Board.
- L.W. Holmes Re: Oliver-Osoyoos Co-op Application: 4. Letter of March 20th, 1974 from L.W. Holmes, Pollution Control Branch, with respect to an application for a Pollution Control Permit on behalf of Oliver-Osoyoos Cooperative Growers Association dated May 9th, 1973. Mr. Holmes informed that the application was in its final review and that contaminated process effluent will no longer be discharged to Skaha Lake. This effluent will be collected in a settling tank and disposed of by tile field. In view of the information outlined the Pollution Control Branch wished to know whether there were any further comments and they would appreciate receiving same within 15 days.
- The Secretary-Manager indicated that the objections of the Water Board had now been satisfied. Discharge of effluent to surface water would no longer be continued.
- D. Blake Re: Wright's Beach Camp Application: 5. Letter of April 19th, 1974 from D. Blake, Pollution Control Branch with respect to an application pursuant to Pollution Control Permit application on behalf of Wright's Beach Camp Ltd. in Penticton. The letter stated that the Water Board letter of March 14th, 1974, objecting to the application, had been accepted and the Director would decide whether or not the objection would be subject to a Hearing. In order to assist the Director in his decision as to the necessity of holding a Public Hearing, it has been requested that any information of which there is a knowledge which may have a bearing on the matter be submitted within 30 days.

Kal-Wood Lake Study-Background Paper:

The Secretary-Manager indicated that copies of the Kal-Wood Basin Study Background Paper had been circulated to Board Members. The Background Paper summarized the technical findings of the Kalamalka-Wood Lake Study. The Public Task Force being coordinated by Mr. Sinclair has now met several times on the Paper and have reviewed the water quantity sections. Some highlights of the water quality section indicate there is an excess of water licenced over the amount available in an average year. During an average year the net inflow to the Basin is 22,000 acre feet, while 37,000 acre feet of this have been licenced. The Water Rights Branch is now taking measures to improve this situation.

Recommendations were made for increased fluctuation on Kalamalka Lake, to allow for lowering in anticipation of flood conditions and to relieve drought conditions. The outlet to Kalamalka Lake could be improved.

In the water quality section of the Paper, the main sources of nutrient to the system included natural run-off, septic tanks, agriculture and animals. Those items contributing the most nutrient should be given priority when considering removal. The concept of alum treatment of the entire Wood Lake was discussed. It is possible to achieve fairly rapid results with alum treatment at a relatively reasonable cost (approximately \$130,000). This method has been tried on other smaller lakes and could prove to be a reasonable pilot project for Wood Lake.

Lake Levels  
Snowpack  
& Flood  
Proofing:

The Secretary-Manager indicated that Okanagan Lake level had been drawn down to reach a historic low of 1119.52 feet elevation, on April 23rd, at the Penticton Gaging Station. This is approximately 3 inches below the agreed minimum operating level of 1119.79 feet above sea level. The reason for the draw down was the anticipation of record runoff. Recommendations contained in the draft copy of the Okanagan Basin Study suggested that the Lake be drawn down below the minimum operating level in anticipation of record floods.

The present level of Okanagan Lake was 1119.88 feet above sea level. It has recently been rising approximately one half inch per day. It should reach its peak level within six to eight weeks. The Secretary-Manager indicated that many streams have now started a fairly rapid runoff. The inflow into Okanagan Lake was now greater than the outflow. If sudden hot weather should occur in early May extreme peaks could be reached on several streams. He indicated that there has been several minor complaints concerning the low level of the Lake since muddy beaches had been exposed and some wharfs left above water. However, it was explained to those who had complained that the situation would only be temporary and was necessary to avoid flooding of lakeshore properties at the peak level on the Lake.

Mr. Oxley indicated that in his area there are many lake shore residents who have been asking questions about the lake. He suggested that a type of informative news release be made informing the people why it is necessary to lower the lake to this extent. He indicated that officials are well aware of the reasons why this was required; however, the general public may not be aware.

Oxley - Lawby

That a news release be prepared explaining to the general public the reasons necessary for lowering Okanagan Lake this year.

CARRIED

Mayor Shaw asked whether there were any forecasts for Osoyoos Lake levels. The Secretary-Manager indicated it was more difficult to make precise predictions on levels of Osoyoos Lake since there were many more variables involved including the discharge of sidestreams into the Okanagan River channel; the ability of Osoyoos Lake to discharge water into the Similkameen River when it is high; and the amount of water that could be held back in Okanagan Lake. Although the Similkameen snowpack was only 80% of 1972, if the melt occurred in a very short period the river could reach the same proportions as 1972. This could in turn affect Osoyoos Lake since the Okanagan River would be backed up into the Lake. However, if the Similkameen freshet is extended the same problem as existed in 1972 on Osoyoos Lake may not occur.

B.E. Marr -  
Flood  
Proofing:

A letter of April 22nd, 1974 was read from Mr. B.E. Marr, Acting Associate Deputy Minister of Water Resources. Mr. Marr outlined the flood proofing measures that are currently being undertaken by the Province in cooperation with the municipalities in the valley to protect against flood damage. A committee is now drafting flood proofing instructions and is making field assessments in specific areas to facilitate local input, as well as a first hand understanding of problems and the practicality of solutions. The flood proofing measures will, to a large extent, apply to future construction in flood prone areas. Emergency measures for the current year; however, will initially be a local responsibility to be undertaken on a basis of local knowledge and forecasts from local flood committees set up by the Provincial Government. In the Osoyoos area the Water

Resources Service will be providing, in preliminary form, information relating to emergency protection measures and forecasting, as outlined in the findings and recommendations of the Okanagan Basin Study. The Secretary-Manager mentioned that a committee of the Water Resources would be visiting various communities in the Okanagan-Similkameen which are expected to have flood problems and would review these with communities individually. The City of Vernon has already been visited.

Ceasars  
Landing -  
Siltation  
& Erosion:

The Secretary-Manager mentioned he had visited Ceasars Landing, South of Fintry, on the West Side of Okanagan Lake. The site was prepared for development last year. The Developer had to date removed all vegetation from the site, placed roads & culverts, and had filled several gulleys. A large volume of earth was pushed over a steep embankment, the toe of which reaches the beach of Okanagan Lake. There has been considerable soil erosion on the site, resulting from the steep embankment and loss of vegetation. The Fisheries Branch and other agencies have expressed concern over unstable soil. During rain, eroded material was being washed into Okanagan Lake. This could lead to nuisance weed growth problems, as well as a hazard to fisheries.

Mr. Oxley asked that since the Water Board has no jurisdiction over the concerned agencies, whether a letter should be sent to the Highways Department pointing out the problem and expressing concern over siltation in Okanagan Lake.

Oxley - Duke

That a letter be written to the Highways Department with copies to the Developer and the Regional District expressing concern over soil erosion, on the Ceasars Landing development site, into Okanagan Lake.

CARRIED

Applications for Pollution Control Permits:

The following applications for Pollution Control Permits were presented to the Board:

Leduc  
Paving  
Ltd.:

1. Application to discharge effluent from an asphalt plant into the ground near Silver Star Mountain Rd. near Vernon. The daily discharge volume would be 15,000 gallons. The effluent would originate from a scrubber. Effluent would be discharged to a settling pond and recycled back through the system. There would be no surface discharge of water.

Oxley - Duke

That there be no objection to the application for a Pollution Control Permit by Leduc Paving Ltd.

CARRIED

Lorne,  
Barcley,  
Dobbin:

2. Application for a Pollution Control Permit by Lorne, Barcley, Dobbin to discharge effluent from septic tank collector trucks into a lagoon system located near Westbank. The daily discharge would be 20,000 gallons. The type of effluent would be typical septic tank effluent. The site would be operated as a lagoon. The Secretary-Manager had visited the site and found no great concern for water contamination, since the site was well removed from any surface water or residential population.

Day - Lawby

That there be no objection to the application for a Pollution Control Permit by Lorne, Barcley, Dobbin.

CARRIED

Mr. Duncan mentioned that although the site does appear to be a very good site for the disposal of septic tank effluent, there is likely to be some complaints from the area since they are not pleased with the concept of receiving sewage effluent from another area.

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Other Business

Canadian  
Water  
Resources  
Association  
Conference:

The Secretary-Manager mentioned the dates from the annual conference of Canadian Water Resources Association were announced during the last meeting. The Chairman suggested that someone from the Water Board attend the conference to be held in Vancouver.

Shaw - Lawby

The Secretary-Manager of the Okanagan Basin Water Board be authorized to attend the annual conference of the Canadian Water Resources Association, June 12, 13 & 14, 1974.

CARRIED

Committee  
Minutes:

The Secretary-Manager asked the Board concerning the circulation of Committee Meeting minutes of the Water Board. He indicated, in the past, Committee Meeting minutes has been sent to Board Members only; however, as a result of last month's meeting some minor misunderstandings may have been averted had copies also been sent to Chairmen of Regional Districts. He asked the Board whether they wished Committee Meeting minutes to be sent to Chairmen of Regional Districts as well.

Duncan - Day

That the Chairmen of the three Regional Districts comprising the Okanagan Basin Water Board receive minutes from Committee Meetings of the Water Board.

CARRIED

Okanagan  
Basin  
Study  
Implement-  
ation:

The Chairman indicated the agenda showed their would be a Committee meeting to further discuss Okanagan Basin Study Implementation, and related correspondence. He felt there was no longer a need to hold discussions of this topic in Committee and asked the Board whether they wished to continue in open session rather than going into Committee.

Oxley - Shaw

That the Water Board not go into Committee for the following discussion.

CARRIED

The Secretary-Manager mentioned that a draft copy of a letter to be sent to the Hon. R.A. Williams and the Hon. J. Lorimer had been circulated on March 22nd, 1974 to Water Board members; to the Chairman of the three Regional Districts; and to the Mayors of Vernon, Kelowna, and Penticton. These letters had been sent out to receive comment and approval for final submission to the Ministers concerned. Replies have been received from the Regional Districts and from the Cities by letter and by telephone indicating that the Regional Districts and the Cities generally supported the concept contained in the draft letter.

The final letters were consequently forwarded to the Ministers concerned on April 23rd, outlining the role local government would play in Okanagan Basin Study Implementation. The letter urged for an early meeting with the Ministers.

The Chairman upon referring to paragraph two on page three of the draft letter, said he wished to make it clearly understood that this new restructured Water Management Board would have authority over the cities and municipalities throughout the Basin with respect to waste water management.

Mayor Bennett asked how could a Board have authority over present Regional Districts which now give the Board its authority in the first instance. Could this not give the Province authority to set up one Regional District.

The Chairman indicated this was the type of debate he wished to occur now rather than before going to Victoria. He indicated that before the delegation is sent to Victoria there must be absolute agreement as to the presentation and form of water management structure local representatives wish to have. He indicated a delegation of six members would be going to Victoria, including the Chairmen of the three Regional Districts and the Mayors of Vernon, Kelowna, and Penticton. He had initially thought this would be a large and cumbersome representation; however, the Regional Districts and the Cities have now agreed on this delegation.

If the Province were to set up one Regional District it would have to give the Regional District the same water management authority as it would give to a Water Board. However, the Central Okanagan Regional District would tend to dominate the entire area because of the larger population. The existing Regional Districts would still maintain their present authority in the broad scope of their jurisdiction. A new restructured Water Board would only have authority in items relating directly to water management. Present Regional Districts have very little water management authority.

Mr. Stuart felt the Board would require zoning and taxation authority also. It would be hard to plan for zoning in just one area.

Mr. Oxley indicated that even with a new restructured Board, there would still be Regional District input to this Board, and it would serve to carry the thoughts from each Regional District to a central board.

Mayor Bennett suggested that the authority, required for water management, be given to each Regional District. The power would then be delegated by each Regional District to a Water Board to carry out the necessary management. The three Regional Districts have worked well together so far. He said he could not see one board superceding the three present Regional Districts. He would rather see the authority given to the Regional Districts then delegated to the Water Board.

Mayor Duke said a letter would be required from the Regional Districts saying that they would in fact agree to delegate the authority to a Water Board.

Mayor Bennett requested the Board, if he could meet briefly with the Board to further this discussion in the absence of the press. The Board agreed to this.

Hon. R. Williams Re: Ok. Basin Study Implementation Task Force: However, a letter from the Hon. R.A. Williams to the Hon. Jack Davis was read first: The letter of April 22nd indicated that Mr. Williams agreed with the Federal Provincial suggestion that a Task Force be appointed as recommended in the Study Report and suggested that the initial terms of reference should be to insure that those recommendations that are clearly the responsibility of the Senior Governments are implemented. The recommendations refer to structural improvements to the flood control works and to monitoring programs. Mr. Williams mentioned the Province is initiating discussions with local authorities to determine the most suitable arrangements for implementation of those recommendations involving local government.

Mr. Williams indicated the Provincial representative on the Implementation Task Force would be Mr. T.A.J. Leach, Assistant Director of the Water Investigations Branch. As representative of local government interests he included Mr. W. Parchomchuk, Manager, Okanagan Basin Water Board as an Observer on the Task Force. Mr. Williams also suggested the final report should now be released for public distribution.

The Chairman indicated the letter stated the local representative to the Implementation Task Force would only be an Observer. In past discussions with Mr. Marr, the Chairman felt there was an indication the local representative would be a full member. He felt the local representative should be a full member. Mr. Williams should be asked to explain why he suggested local representation be by Observer only.

A short recess followed and the meeting continued In-Camera.

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NOTES FROM A MEETING OF THE OKANAGAN VALLEY REGIONAL DISTRICT CHAIRMEN,  
MAYORS OF THE MAJOR CITIES, AND MLA'S FROM THE OKANAGAN SHUSWAP.  
JUNE 5th, 1974 11:00 A.M. PARLIAMENT BUILDINGS, VICTORIA.

1.

Present:

|                  |                             |
|------------------|-----------------------------|
| P. Jordan (Mrs.) | MLA, North Okanagan         |
| A. Duncan        | Chairman, R.D.C.O.          |
| P. Farmer        | Chairman, R.D.O.S.          |
| R. Postill       | Chairman, R.D.N.O.          |
| S. Fleming       | Mayor, City of Vernon       |
| W.C. Bennett     | Mayor, City of Kelowna      |
| J.N. Brown       | Alderman, City of Penticton |
| W. Parchomchuk   | Secretary-Manager, O.B.W.B. |

Mrs. Jordan mentioned that other MLA's could not be present due to illness and prior commitments.

Mr. Duncan explained that the delegation wished to keep local MLA's informed as to what local representatives wished to accomplish as far as establishing an authority for Okanagan Basin Study Implementation. They wish to establish a restructured Water Board, and favored Recommendation 1B of the Okanagan Basin Study.

Mrs. Jordan asked whether the group had ever looked at two Regional Districts. Mr. Duncan indicated that with this concept, parts of Regional Districts would be eliminated and the boundaries of the water shed did not conform with the Regional District boundaries.

Mayor Fleming indicated that they wished to assign authority for water management to the Water Board on behalf of the three participating Regional Districts. Representation could include the Provincial and Federal Governments. The existing Water Board has formed a working relationship between the Regional Districts. The least disruptive action would be to expand the Water Board and leave the existing Regional Districts to manage present existing functions. This would be the least disruptive to Valley organization.

Mr. Farmer indicated that to try one Regional District now would destroy the trust that has already been built up by existing Regional Districts. Geographically remote areas would find difficulty in associating with each others problems.

Mrs. Jordan asked if the Government has given any indication that they will accept this.

Mrs. Jordan asked whether the prime authority would be given to the Water Board. Mayor Bennett replied that authority would be given to the Water Board from the Regional Districts. Mr. Duncan indicated that the authority of the Board would only be in Waste Treatment, some areas of Land Use Zoning, and in an advisory role with the Province. Mayor Bennett indicated there would be no change in legislation required only new Letters Patent would be required for the Board.

Mrs. Jordan asked whether there were any thoughts by the Government on making the Okanagan a Trust Area, and whether financing formulas had been looked at.

Mayor Fleming indicated that there were formulas in other areas involving heavy Federal and Provincial financing. Some major urban centres do not have the additional costs of Waste Treatment that is required in the Okanagan, and there is a benefit to the rest of the nation. Other agreements with other Provinces have set a precedent in financing formulas. Mr. Duncan indicated that a Task Force had been set up to look into this.

Mrs. Jordan asked if there had been any thought in having Government representation on the Board. Mayor Bennett indicated there had been some consideration but the Government representative would not likely be a voting representative.

Mayor Fleming indicated that to be a voting representative there would have to be some responsibility to the electorate.

Mr. Farmer mentioned that if the two Senior Governments will be providing funds they will have to have a strong voice in what is being done. They will have to give advice. Mr. Duncan indicated that Irrigation Districts have also requested representation.

Mrs. Jordan indicated that the trend Provincially is for Councils and Boards not to require Referendum.

Mr. Farmer suggested that many items should be on a non-Referendum basis. It would be difficult to go to Referendum for treatment plants on a Valley wide basis. Mrs. Jordan asked if an overall cost had been set on implementing the Study. Mr. Parchomchuk indicated that the cost of all sewage works, including treatment and trunk lines, would be approximately thirty (30) million dollars.

Mr. Farmer indicated that basically the reason for the trip today was to find out what the Ministers, Mr. Williams and Mr. Lorimer, are thinking in regards to the Okanagan Basin Study and the Okanagan Basin Water Board.

Mrs. Jordan indicated that she would like to meet periodically to keep informed.

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The meeting adjourned at 11:40 A.M.

NOTES FROM A MEETING OF OKANAGAN VALLEY REGIONAL DISTRICT CHAIRMEN  
AND MAYORS WITH THE HONOURABLE R.A. WILLIAMS AND THE HONOURABLE J.G.  
LORIMER, JUNE 5th 1974 3:00 P.M. PARLIAMENT BUILDINGS, VICTORIA.

1.

Present:

|                  |  |
|------------------|--|
| Hon. R. Williams | Minister of Lands, Forests and Water Resources.        |
| Hon. J. Lorimer  | Minister of Municipal Affairs.                         |
| C. Woodward      | Deputy Insp. of Municipalities, Dept. of Mun. Affairs. |
| B.E. Marr        | Acting Assoc. Deputy Minister of Water Resources.      |
| D. Janzen        | Executive Assistant to Hon. J.G. Lorimer.              |
| J.N. Brown       | Alderman, City of Penticton.                           |
| S. Fleming       | Mayor, City of Vernon.                                 |
| W.C. Bennett     | Mayor, City of Kelowna.                                |
| A. Duncan        | Chairman, Regional District of Central Okanagan.       |
| P. Farmer        | Chairman, Regional District of Okanagan-Similkameen.   |
| R.W. Postill     | Chairman, Regional District of North Okanagan.         |
| W. Parchomchuk   | Secretary-Manager, Okanagan Basin Water Board.         |

Mr. Duncan was spokesman for the group.

Mr. Duncan introduced the group, then presented a short prepared statement indicating that the Okanagan Basin Study and the Public Involvement Program of the Study had shown that there was a need for a Water Management Authority in the Valley. The three Regional Districts have agreed there is a need for such an Authority. The Study has recommended several alternatives how such an Authority, on a Valley wide basis, could be established. Of the recommendations suggested the local representatives prefer Recommendation No. 1 (b) which would set up the Okanagan Basin Water Board to act on behalf of all Regional Districts in the area. The role of the Board would entail Water Management including Waste Treatment, Land Use Zoning and Water Management on an advisory role. He complimented Mr. Williams on completion of the Study. He then briefly referred to the Implementation Task Force and suggested the meeting could inquire as to terms of reference of the Task Force and financing.

Mr. Williams asked what the group had against Recommendation No. 1 of the Study, proposing the establishment of one Regional District.

Mayor Bennett mentioned there was opposition because a Water Board already existed and the people of the Valley could never accept a single Regional District for the entire valley.

Mayor Fleming mentioned that this topic had been discussed at length throughout the Valley. The three Regional Districts are now working well but have agreed to transfer Waste Treatment and other aspects of Water Management to one body. Each Regional District has now assumed a number of functions which are not related to water. These are now working very well and it would not be good to disrupt them. If authority is now given to a restructured Water Board, the Valley could start on Water Management. This could be an evolutionary development without getting complicated and losing sight of Study Implementation which could happen if one Regional District were established. The priority objective could be achieved through a Water Board. This could be added to as time progresses. This would be a more logical procedure than having a sudden change wherein sight of the objective would be lost.

Mr. Williams indicated that he had never thought of the Basin as a large region compared to some of the regions in the Province, however, he did see the point which had been brought up concerning complications if the existing structure were disrupted.

Mr. Duncan mentioned that if one Regional District were established the voting unit would be based on population. The Central portion of the Valley would then control a majority of the votes. This may not be desirable in the workings of the new structure.

Mr. Farmer indicated that creation of a single Regional District would be unwieldy. People are now accepting Regional Districts. If these are upset a new start would have to be made. People in Osoyoos are far removed in thinking and geography from people in Enderby.

Mayor Fleming suggested that the restructured Water Board initially would apply to the Basin area only. Other areas could opt in once formulas have been established with the Government.

Mayor Bennett asked Mr. Lorimer whether he could see any problem in giving the Regional Districts the authority for a restructured Water Board.

Mr. Lorimer asked what would the makeup of the Board be. Would it be appointed from the existing Regional Districts. He asked whether this makeup would be good.

Mr. Farmer replied that he thought this would be a good makeup. Regional Directors are elected by, and represent the people. They will be responsible to the people for taxing, etc.

Mayor Fleming indicated once financing is developed, there may have to be some presence of Federal and Provincial representatives, particularly if Federal and Provincial funds are to be used.

Mr. Marr felt that there could be a problem of delegating authority to a Water Board that would be dependant on its constituent members for funding. This was Mr. Marr's only reservation.

Mr. Duncan indicated that regardless how the authority was accomplished through Regional Districts or not, the authority would have to be given in order to get the job done. The authority should be able to say that it could spend so many dollars to accomplish the work.

Mayor Fleming indicated that before coming to this meeting there was unanimous approval from Regional Districts and Councils as to this approach.

Mr. Farmer indicated that the boundaries would have to be delineated since areas like the Similkameen, for example, would not benefit from works in the Okanagan Valley, therefore, they should not be taxed for works in the Okanagan Region.

Mr. Lorimer indicated to the group that he understood their intent and that he was in agreement. The Task Force would look into this.

Mr. Marr felt that the Task Force was being enlarged beyond the Technical level which he had anticipated would be the limit of the Task Force participation. The Implementation Task Force has been set up initially for the Federal and the Provincial Government to look at where they are involved and what types of structures will have to be constructed to implement the Study. The Task Force would also look at existing legislation and financing and acts for financing in matters of the Study. For local implementation this is largely a Provincial - local matter. Other items are Federal - Provincial matters. Involving local authorities is the largest Provincial - local matter. This becomes semi-political and may be outside the Terms of the Implementation Task Force.

Mayor Fleming indicated that the Task Force would come across items for Provincial and local cooperation. This would be a unique involvement for the Province. He asked what would be the degree of Federal, Provincial and local participation. There would be a need for technical advice on procedure.

Mr. Marr indicated that the Terms of Reference of the Water Board and a local authority is largely a Provincial and local matter.

Mayor Bennett agreed with Mr. Marr. Mayor Fleming indicated that there would be a need for administrative and technical input to members of the Task Force.

Mr. Marr indicated that Provincially they are prepared to give assistance in setting up a restructured Water Board. This will be a local-Provincial problem and will require technical advice. The Task Force is set up mainly to resolve Federal-Provincial legislation and areas of Federal-Provincial cooperation.

Mr. Parchomchuk asked Mr. Marr if the Task Force Terms of Reference would not only include means of Federal-Provincial financing but also financing for local waste treatment.

Mr. Marr said this would be included. The Task Force would first look at Federal and Provincial financing and structures. It would then study financing including C.M.H.C. and Provincial legislation for waste treatment. After this the Province and local authorities would be involved to see how the problems could best be solved, including costs and timing.

Mr. Farmer asked whether the new Board would be senior in granting Pollution Control Permits. Would the Board have any authority in this respect. Mr. Williams replied that he couldn't readily accept this.

Mr. Duncan mentioned that the main purpose of the meeting was to discuss the Recommendation 1 (b) of the Okanagan Basin Study and to get the feeling of the Ministers on how this could be done.

Mr. Lorimer suggested that new legislation was not required. This structure could be designed into Letters Patent. This would come out by discussion with the Water Resources Service and the Basin. Mr. Duncan asked would these Letters Patent then give authority to local Government to implement the Study. Mr. Lorimer replied Yes this would. What is written into the Letters Patent would depend on what the Water Resources Service and local Governments decide would be necessary to implement the Study. Whatever was necessary would be written into the Letters Patent.

Mr. Woodward indicated that he would agree with this concept. The next step would be to draft the Letters Patent.

Mr. Lorimer and Mr. Williams were called from the meeting.

Mayor Bennett and Mayor Fleming asked if it was agreed that Recommendation 1 (b) of the Study has been accepted. Mr. Woodward replied that they have agreed they would accept this, and this would be done through Letters Patent. Mr. Marr indicated also that this would be through Letters Patent. Mr. Parchomchuk asked Mr. Woodward whether his Department would be drafting Letters Patent and what the procedure would be. Mr. Woodward suggested that the three Regional Districts would have to initiate the action on this by sending letters to the Department of Municipal Affairs requesting that Letters Patent be written to structure a new Water Board.

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The meeting adjourned at 3:50 P.M.

Present:

|                |  |          |
|----------------|--|----------|
| A. Duncan      | Chairman                               | R.D.C.O. |
| C. Day         |  | R.D.C.O. |
| P. Duke        |  | R.D.N.O. |
| S. Fleming     |  | R.D.N.O. |
| W. Oxley       |  | R.D.N.O. |
| F. Laird       |  | R.D.O.S. |
| C. Dunn        |  | R.D.O.S. |
| J. Shaw        |  | R.D.O.S. |
| E. Anthony     | District Engineer, Water Rights Branch |          |
| W. Parchomchuk | Secretary-Manager                      |          |

Mr. Duncan opened the meeting and suggested a short explanation should be given as to why the resolution concerning new Letters Patent did not contain itself mainly to the items that had been discussed at the political level throughout the Valley during the past two months.

The Secretary-Manager indicated that he was well aware of what had been discussed at the local political level concerning items which should be included in Letters Patent for a new restructured Okanagan Basin Water Board. These items had been specifically stated in a letter of April 23rd to Mr. Williams and to Mr. Lorimer. They had also been stated in several background papers prepared by the Secretary-Manager and edited at the political level. However, following the June 5th meeting in Victoria with Ministers, the Secretary-Manager had been instructed to meet with Administrators of the three Regional Districts to mechanically draft a resolution that contained the items which had been discussed and agreed to amongst local valley political leaders. A uniform resolution could then be sent to Victoria. The Secretary-Manager had summarized the items arising from political discussions and arranged for a draft resolution to be written up prior to a meeting with Administrators. During the meeting with Administrators, new items of policy were brought into the resolution against the wishes of the Secretary-Manager. There was some disagreement during the meeting of Administrators as to the items to be included in Letters Patent. However, the consensus of the meeting was indicated by those items that were included in the most recent draft resolution, as circulated to the Water Board. This was the consensus of opinion even though there was some disagreement. The Secretary-Manager felt that he must record the consensus of the meeting of the Administrators, and therefore those items which were before the Board in the new resolution were the items arising from the meeting with Administrators. The Secretary-Manager was well aware that these items were not entirely the items that political leaders had discussed and agreed to over the past few months.

Mayor Fleming indicated that Valley leaders had agreed to the letter that had been sent to Mr. Williams and Mr. Lorimer. They had then agreed, subsequent to the meeting with Mr. Williams and Mr. Lorimer, that the Administrators draft a resolution on the basis of what had already been agreed to in detail. The employees then decided to change the rules. Mayor Fleming indicated that this should not be tolerated. Local political representatives decided after discussion with Mr. Williams and Mr. Lorimer, what items they will be dealing with and they should not give in at this time. When Administrators are assigned a function they must do it. Mr. Duncan indicated that he was pleased that there was agreement, that there should be some changes in the resolution as circulated.

Mayor Laird mentioned that he was not familiar with the background of the resolution. The Regional District of Okanagan-Similkameen had not discussed the resolution.

The Secretary-Manager asked the Board what procedure they wished to follow in processing the resolution and Letters Patent. Mayor Laird suggested that the Chairman of the Water Board write a letter to the Chairmen of the three Regional Districts so that they attend to the resolution as soon as possible. After the Regional Districts have completed their review, the resolution should be circulated back to the Water Board before final forwarding of the agreed uniform resolution to Victoria.

Beaupark  
Water  
Licence  
Applica-  
tions:  
Mr. Duncan indicated the purpose of this Committee meeting was to discuss the recently applied for additional water licence applications by Beaupark Ranch Ltd. and Okanagan West Shores View Estates Ltd. Mr. Anthony was present to explain the licences.

Mr. Anthony mentioned that the developer is now proceeding to obtain approval on stage two of his development, which is approximately 480 lots. The developer had received preliminary approval from the Highways Department, and is now starting construction. The volume of additional water applied for would be 350 - 400 acre feet. This water is available in Okanagan Lake. Water applications were filed by the Company on March 17th, 1974 and on April 22nd, 1974. The 480 lots being developed in the second stage are in addition to the 172 lots that have already been developed. The Water Board had reviewed the licence application for the original 172 lots.

Mayor Laird asked if the Highways Department would accept the standard of the roads into and out of the subdivision.

Mr. Anthony indicated the Highways Department has indicated that the developer has met all rules. Mr. Anthony went on to say that the Comptroller did consider the objection of the Water Board to the first stage of development; however, the Water Act did not allow him to refuse the water licence on the basis of the Water Board objection.

Mayor Duke asked if there were any Regional District controls in the area.

Mr. Duncan mentioned that the Regional District of Central Okanagan does not have a bylaw to control this type of development.

Mayor Fleming indicated that all the development was on a hill side. Septic tanks would likely cause pollution problems. He indicated there would eventually be many lots. There should be a sewage collection system with some means of spray irrigation disposal. The Water Board should object on the basis of pollution.

The Secretary-Manager mentioned that the Comptroller of Water Rights could not withhold a water licence on the basis of pollution since pollution control would have to be regulated, in this case, by the Health Department since the development is on septic tanks.

Mayor Laird asked what the Regional District could do in this case. Mr. Duncan asked Mr. Barcham to come into the meeting to explain what had been done at the Regional level.

Mr. Barcham indicated that on July 12th, 1973 he wrote to the Highways Department concerning the subdivision. He indicated the subdivision lies in a rural zone and the Planning Department recommended against the subdivision, even though it was in a rural zone. There was no objection to the construction of a road for a water line leading into the subdivision on the North side of White-man's creek, but there was no approval of a subdivision. The water line was to go to Beaupark Ranch Development.

Mr. Barcham indicated at the last meeting, of the Regional Board of the Regional District of Central Okanagan, the Board had asked for a bylaw that would establish minimal parcel sizes in rural zones. However, by the time this bylaw is adopted it would be too late to stop the present development.

Mayor Laird commented that the Regional District does not have the machinery presently to control the subdivision.

Mr. Oxley asked whether the initial 172 lots of the first stage of the development were sold. Mr. Barcham indicated the lots were on the market at \$9,000 each and some had been sold.

Mr. Oxley mentioned that the developer appears to be holding his investment as a lever for approval of a water licence. The Board should call his game.

Mayor Fleming indicated that in the North Okanagan Regional District the developer had been stopped on the Beaupark subdivision through the many conditions which the Regional District had required through a Land Use Contract. He felt the Water Board should file an objection on the basis of pollution. Mayor Duke indicated that copies should be sent to the Health Department as well.

Mr. Oxley suggested that 50% of the lots in phase one should be tested after they are in operation to see that there is no pollution from septic tanks. The Medical Health Officer, who is responsible for approval of septic tanks in this area, should be held responsible to insure that no pollution is occurring from the first stage before a second stage is approved.

Oxley-Duke

That the Water Board strongly recommend that no further approval on stage two of the West Shores View development be given because of the possible pollution effects and that this withholding of approval not be released until the Medical Health Officer has been able to substantially study the pollution effect on at least 50% of the existing stage one subdivision.

CARRIED

It was agreed to send a letter to the Comptroller with copies to the Department of Health, the Highways Department, and to Municipal Affairs.

Mr. Barcham indicated that if a 172 lots have not been able to show a water use, then the water licence should not be granted on the remainder.

Oxley-Shaw

That the Water Rights Branch be approached to see if there has been any use of water under the existing stage one licence. If there has been no use then further licencing should be withheld.

CARRIED

Mr. Barcham asked if the Water Board will be prepared to recommend to the Regional District of Central Okanagan that bylaws be strengthened to set up zoning of the type that would regulate this development.

Mr. Day indicated that the Regional Board has already instructed that a bylaw to this effect be drafted.

Mayor Fleming felt that the Water Board should back the policy of other Regional Districts, but not intrude into other Regional District affairs outside of Water Board jurisdiction.

Vernon  
Spray  
Irrigation  
Project:

Mayor Fleming briefly reported on discussions the City of Vernon had with the Land Commission concerning the Vernon Spray Irrigation project. The Land Commission have agreed to a Technical Committee including the City, Forestry, Lands, and the Pollution Control Branch to participate in the program, and to unlock the scheme. Dr. Oldham will be submitting a report shortly.

Laird-Oxley

That the meeting adjourn.

The meeting adjourned at 4:30 p.m.

The Secretary-Manager indicated that he had copies of the proceedings of the first meeting of the Okanagan Basin Study Implementation Task Force, these would be mailed to the Board members.

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OKANAGAN BASIN WATER BOARD

AGENDA

July 4th, 1974 2:00 P.M.

1. Minutes from meeting of May 2nd, 1974.
2. Accounts.
3. Correspondence:
  - (a). P.S. Dunn, District Highways Manager  
Re: Ceasars Landing erosion.
  - (b). H.P. Klassen, Pollution Control Branch, Chief - Industrial Division  
Re: Application for pollution control permit by L.G. Clement,  
Winfield, British Columbia.
  - (c). R.A. Williams, Minister Lands, Forests, and Water Resources  
Re: Okanagan Basin Study Implementation Task Force.  
*- Report 1492. O.B. MEETING*
  - (d). District of Coldstream  
Re: Siltation of Coldstream Creek.  
*\* (i) - Potential Spread over 9.11 deposits - erosion control - Weed Control*
4. Aquatic Weed Harvesting, 1974.
5. Report - Lake levels and stream peak flows 1974.
6. Proposed recommendations Kalamalka-Wood Lake Study.
7. Resolution  
Re: Letters Patent Okanagan Basin Water Authority.  
*- Meeting on 3/20/74  
- Com. for a summary to use policy*
8. Applications for Pollution Control Permits:
  - (a). Woods Lake Resort - Winfield.
  - (b). Village of Keremeos.
9. Other Business.  
*- Pol. Contr. objectives and processing of the industries  
- Not meeting for it*

Committee Meeting

- Water licence applications for Okanagan West Shores View Estates Ltd.

MINUTES FROM THE MEETING OF THE OKANAGAN BASIN WATER BOARD, THURSDAY  
JULY 4th, 1974 2:00 P.M. OFFICES OF THE REGIONAL DISTRICT OF CEN-  
TRAL OKANAGAN, 540 GROVES AVENUE, KELOWNA, BRITISH COLUMBIA.

1.

Present: A. Duncan R.D.C.O.  
C. Day R.D.C.O.  
W. Oxley R.D.N.O.  
P. Duke R.D.N.O.  
S. Fleming R.D.N.O.  
C. Dunn R.D.O.S.  
F. Laird R.D.O.S.  
J. Shaw R.D.O.S.

Also in attendance:

Alderman Olive Woodley District of Coldstream  
Alderman F. Oakes City of Penticton  
Mayor R. Postill District of Coldstream  
B. Harvey Vernon Irrigation District  
A. Harrison Administrator, R.D.C.O.  
Alderman B. Lee City of Kelowna  
E. Anthony Dist. Eng., Water Rights Branch  
W. Parchomchuk Secretary-Manager

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Minutes: Mr. Dunn mentioned that the second resolution on page 5 of the May 2nd minutes should indicate that it was Moved by Dunn, Seconded by Day, rather Moved by Duncan. This correction was made.

Duke - Shaw

That the minutes of the meeting of May 2nd, 1974 be approved as corrected.

CARRIED

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Accounts: Accounts outstanding totalling \$1,067.59 were presented.

Mayor Laird asked whether the expenses of the delegation, that had gone to Victoria on June 5th, were paid by the Water Board.

The Secretary-Manager indicated that only the Water Board Chairman's expenses were paid. Other members of the delegation covered their individual expenses.

Day - Duncan

That accounts outstanding \$1,067.59 be approved.

CARRIED

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Correspondence:

The following items of correspondence were presented:

Ceasars  
Landing  
Soil  
Stability:

1. A letter of May 17th, 1974 from Mr. P.S. Dunn, District Highways Manager, Re: Ceasars Landing soil stability problems. The letter was in reply to an Okanagan Basin Water Board letter of May 14th regarding unstable soil conditions on the Ceasars Landing development, following landscaping work which had been done on the site. Mr. Dunn indicated that it was the Highways Department intention to recommend to the Approving Officer that a soils report be requested, including the condition of the proposed building sites. The Highways Department would advise the developer of the concern for the condition of the lakeshore and ask him to correct the situation as soon as possible.

- L.G. Clement Application For Pollution Control Permit: 2. Letter from H.P. Klassen, Chief, Industrial Division, Pollution Control Branch. The letter was with respect to an application for a Pollution Control Permit by L.G. Clement of Winfield, to discharge effluent from a laundromat. The letter was in reply to a Water Board letter of February 8th, 1974. The application had received its preliminary review and it was intended to recommend that a permit be issued subject to the following conditions:
- (a). The permit would be issued as per the application except that an additional parcel of land would be set aside for use as an additional tile field, if required.
  - (b). The recommendations of the Kal-Wood Lake Study would be incorporated into the permit.
  - (c). The necessary background sampling and monitoring would be conducted. The Pollution Control Branch wished to have any comments concerning the proposed permit conditions.

The Secretary-Manager mentioned that the above conditions surrounding the permit had met with the objections stated in the Water Board letter. There would be no need for further objections.

- Okanagan Basin Study Implementation Task Force: 3. Letter of May 24th, 1974 from the Honourable R.A. Williams, Minister of Lands, Forests and Water Resources. The letter was in reply to an Okanagan Basin Water Board letter of May 8th, commenting on the Okanagan Basin Study Implementation Task Force. Mr. Williams' letter indicated that it was the Province's intention that Mr. Parchomchuk participate fully in the deliberations of the Okanagan Basin Study Implementation Task Force. The use of the word "Observer" in the previous letter recognized that the Federal-Provincial members of the Task Force would report directly to their Senior Ministers in the Senior levels of Government. The local representatives would not be responsible for reporting to the Senior levels of Government; however, would keep the Okanagan Basin Water Board informed of progress of this Task Force. This difference in responsibility and reporting procedure should not inhibit the local members full participation in the Task Force.

The Secretary-Manager reported that the Task Force had met in Victoria on June 12th. He had attended the meeting. The terms of reference of the Task Force were reviewed. The Senior Committee and the Working Committee of the Task Force had been confirmed for the Province. Mr. B.E. Marr and Mr. C. Woodward would be the representatives on the Federal Senior Committee. Dr. John Tenor, Assistant Deputy Minister of the Environment Management Service and Mr. L. Edgeworth, Assistant Deputy Minister of the Environment Protection Service would be the representatives.

The Secretary-Manager reported that much of the background information and documents have already been gathered and some initial working papers has been written. Two economists have been employed by the Federal Government and are devoting full time researching the necessary documents for the Okanagan Basin Study Implementation.

- District of Coldstream Re: Coldstream Creek: 4. Letter from the District of Coldstream concerning Coldstream Creek and Kalamalka Lake siltation. At a meeting on May 10th, 1974 the Coldstream Council had expressed concern regarding the inflow of silt to Kalamalka Lake from Coldstream Creek. The Council had requested that the Okanagan Basin Water Board and the Kal-Wood Lake Study group give serious consideration to this source of pollution.

The Secretary-Manager mentioned that in cooperation with the Regional District of North Okanagan a summer student has been hired to document all the serious points of erosion throughout the length of Coldstream Creek and Vernon Creek. This work has now been done under the supervision of the Water Board. Information gathered will be passed on to the British Columbia Water Resources Service, who will be doing an intensive survey of Vernon Creek.

Aquatic  
Weed  
Growth:

The Secretary-Manager went on to say that the silt loads being carried into the Lake system by Coldstream Creek, Vernon Creek, and Mill Creek were causing an intensification of a rapidly spreading aquatic weed growth. The weed species that has occupied almost the entire North Bay of Okanagan Lake is now prominent in the Kelowna area. Prime recreation foreshore in Kalamalka Lake was also experiencing a rapid increase in weed growth. He expressed concern that if this expanding weed problem is not checked there could be a substantial depreciation of real property value, up to two million dollars, in the affected areas within the next two or three year period. Although the aquatic weed harvester is working successfully in removing growth from the water once it has occurred, the harvester itself does not inhibit weed growth or prevent its reoccurrence. It may be necessary to employ a massive chemical program to bring the entire weed population under control. This could be followed by spot chemical treatments in subsequent years. The Ecology Division and various other Federal and Provincial Agencies had undertaken a comprehensive experiment, using chemicals, this spring. However, before a chemical program is used the public must be fully aware of the need for such a program. Silt loads being carried by creeks, currently causing much of the problem, must first be eliminated before a long lasting control could be achieved. If weed control is not accomplished, a large depreciation in valuable lakeshore properties, both public and private, will be experienced.

The Secretary-Manager indicated there are some Provincial responsibilities associated with this weed growth and possibly the Provincial Minister in charge should be contacted.

Day - Laird

That the Minister of Lands, Forests, and Water Resources be approached concerning the growing weed problem in the Okanagan system, and the above information be made available to him.

CARRIED

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Day - Dunn

That the above correspondence be received.

CARRIED

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Aquatic  
Weed  
Harvesting,  
1974:

1. The Secretary-Manager reported that the weed harvesting program for the summer of 1974 had been set up. All the Regional Districts and Municipalities throughout the Okanagan Similkameen have been given notice that the machine is available should they require its use. Several areas have already spoken for the machine. The machine would start work next week at the North end of Okanagan Lake. There have been requests from various points South, including the Provincial Parks Branch; and residents from Summerland and Vaseux Lake. Work would be done on the Kelowna waterfront and also on Kalamalka Lake. Areas requiring use of the equipment should mark all obstacles that are within six feet of the water surface in the areas to be cut.

The Secretary-Manager mentioned that the charge-out rate this year would be \$24.00 per hour for each operating hour of the machine. Areas using the equipment would have to pay this rate. The Board may wish to ratify the \$24.00 charge.

Mr. Duncan asked the Secretary-Manager to explain why the charge had been increased this year.

The Secretary-Manager mentioned that the increased charge was required to meet increased maintenance costs. Also, the machine had to make a profit at the end of the year so that Regional Districts could be returned the amount of money they had invested in the equipment.

Shaw-Oxley

That the Water Board ratify the \$24.00 hour charge for operation of aquatic weed harvesting equipment.

CARRIED

Applications for Pollution Control Permits:

The following applications were presented to the Board:

- Woods Lake Resort - Winfield:
1. Application by Wood Lake Resort, R.R. #1, Winfield, British Columbia to discharge effluent from a resort into a septic tank and ground disposal field: the average daily discharge would be 2,000 gallons. The maximum daily discharge would be 10,000 gallons. The Secretary-Manager mentioned that he had visited the site. The application had also been reviewed by the Technical Committee of the Regional District of Central Okanagan. It was indicated that the field was relatively close to Wood Lake. The ground water table was relatively near the surface and the sandy type of soil would permit rapid percolation. In view of the findings of the Kalamalka-Wood Lake Study and the problems of Wood Lake, it was recommended that the application not be accepted.

Day-Shaw

That the application for Pollution Control Permit by Wood Lake Resort be objected to.

CARRIED

- Village of Keremeos:
2. Application by the Village of Keremeos to discharge effluent from the Village of Keremeos into the Similkameen River: the average annual daily discharge would be 58,500 gallons. The type of treatment to be applied to the effluent before discharge would be mechanical extender aeration and chlorination. The Secretary-Manager had visited the Village of Keremeos concerning the application and had reviewed the site in the field with the Works foreman. He indicated that the Regional District of Okanagan-Similkameen was opposed to this application. He indicated that a better site and method could possibly be the Bench above Keremeos, with a lagoon and ex-filtration system.

Mr. Dunn mentioned that the Regional District had opposed this application. There had been opposition to a prior application by the Province to discharge into the river. This had been turned down. The same policy should be adhered to. It has been the policy of the Water Board and other local Governments to avoid direct discharges of sewage effluent to surface water.

Dunn-Oxley

That the application for a Pollution Control Permit by the Village of Keremeos be objected to.

CARRIED

- MacDonald's Consolidated:
3. Application for an amendment to a Pollution Control Permit by MacDonald's Consolidated of Summerland: the applicant had requested that the time fixed for completion of the works under the existing permit be changed and that the period be extended from July 1st, 1974 to July 1st, 1977. The Secretary-Manager indicated that this firm had now delayed construction of pollution control works on the site for ten years. This application for a permit has been under review for ten years. The Company has failed to take any measures to prevent pollution. Under the existing Pollution Control Permit the Company was required to install biological treatment mechanisms by July 1st, 1974. The Company has so far failed to comply.

The Pollution Control Branch will enforce this permit. The Cannery will be facing problems if it discharges effluent this summer without the necessary works being constructed.

Fleming-Oxley

That the Okanagan Basin Water Board endorse the action of the Pollution Control Branch not to extend the time limit on the MacDonald's Consolidated permit to construct works.

CARRIED

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Report -  
Lake  
Levels,  
Stream  
Flow and  
Flooding,  
1974:

Mr. Anthony was in attendance to present a brief verbal report on the 1974 freshet. Mr. Anthony indicated the 1974 runoff turned out greater than expected. The second highest inflow to the Okanagan system on record was recorded between April 1st and June 30th. It was almost equal to the 1972 runoff. There were no great and extensive flooding problems due to weather conditions bringing down the low level snow first; and the attempts to regulate Okanagan Lake which helped to store a larger amount of water. There was better flood control organization in 1974 than in 1972.

The first flooding problems appeared on Kalamalka Lake. As much water as possible had been released from Kalamalka Lake starting January 15th; however, the Lake had gone 17 inches over its full level and caused some flooding. The flow through the Winfield area was much greater than in 1972.

The second area where flooding occurred was in the Keremeos Creek area. Private initiative had prevented much of the damage which possibly could have occurred.

The Similkameen River was high and caused Osoyoos Lake to rise within 1.5 feet of the 1972 level. Okanagan Lake had risen to 3.5 inches above its full level on the 27th of June. After Osoyoos Lake had dropped, the Okanagan Lake flood control works were opened up again. The Lake was now receding.

Mr. Duncan complimented Mr. Anthony's Department on the excellent reporting which had been done on the 1974 flood situation and on the control of lake levels.

Mr. Oxley suggested that in future years, when Okanagan Lake will be drawn down to extreme minimum levels, that the public should be informed before the drawdown.

Mayor Shaw indicated that he was satisfied the system was operated properly. Osoyoos Lake had received much more flooding than Okanagan Lake, but he understood this was probably due to the reverse flow of the Similkameen River. A reference has been made to the International Joint Commission regarding the dam at the outlet of Osoyoos Lake.

Proposed  
Recommend-  
ations -  
Kalamalka-  
Wood Lake  
Study:

The Secretary-Manager mentioned that copies of the recommendations of the Kalamalka-Wood Lake Study had been circulated to Board members. These recommendations were largely the result of the Public Task Force which was consulted with the Technical Study staff members. The Task Force had been under the direction of Mr. Glen Sinclair.

Mr. Anthony was a member of the Provincial Technical staff that had worked on this Study, and was asked to comment on the recommendations. Mr. Anthony went over the highlights of the recommendations. He indicated the recommendation to rebuild the outlet structure of Kalamalka Lake. He also indicated that the Kal-Wood Lake system was over licenced and steps were being taken to bring licencing into line. Water quality recommendations on both Kalamalka and Wood Lakes were reviewed, as well as, the Sports Fisheries recommendations and the recommendations concerning Distillery cooling water. Mr. Anthony indicated

these recommendations are still flexible and there could be some modification as a result of two public meetings. This Board may also wish to recommend further modifications.

Mayor Laird asked concerning the Distillery water recommendation. Would it be extremely difficult for the Distillery to remove the outfall cooling water if this was required? Mr. Anthony indicated that there were two alternatives in this regard. One was to pump the cooling water back to Okanagan Lake; and the other was for the Distillery to recycle the cooling water by increasing cooling capacity. The second alternative did not seem to be too prohibitive cost wise for the Distillery.

Mayor Fleming asked concerning the re-evaluation of water licences. What would be done about those individuals that have licences now? Would these be lost? Mr. Anthony indicated there were presently 21,000 acre feet of inflow to the Kalamalka-Wood Lake Basin and 39,000 acre feet of this has been licenced. However, records indicate that only 15,000 acre feet of licenced water is being used; therefore, unused licences are being cancelled. However, there were three agencies, where action to cancel licences, would not immediately be taken, since there was future planning and public interest involved. A study was being made to indicate what the future requirements of these agencies would be. The agencies were: the Vernon Irrigation District, the Municipality of Coldstream, and the City of Vernon. Agencies must have a cushion for future water needs.

Mayor Laird asked concerning the Hiram Walker Distillery, whether any arrangements had been made when the plant was established, requiring future pollution control requirements. Mr. Anthony mentioned that Hiram Walker had indicated recycling costs for cooling water would not be prohibitive; however, when a pollution control permit was granted this dictated the terms that Hiram Walker would be required to meet. The pollution control permit is subject to review from time to time. The Director of the Pollution Control Branch could take the necessary action required to improve pollution control measures.

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Resolution            Mr. Duncan mentioned that a delegation of Regional District Chairmen and  
- Letters            Mayors had a successful meeting on June 5th with Mr. Williams and Mr. Lorimer  
Patent for a            concerning Letters Patent for a restructured Okanagan Basin Water Board.  
Restructured        Following the meeting the Secretary-Manager had been instructed to meet with  
Okanagan            the Administrators of the three Regional Districts to draft a resolution as to  
Basin Water        the contents of the new Letters Patent, based on the discussions that had  
Board:                occurred. A request would have to be made simultaneously to Victoria, by the  
                          three Regional Districts, asking that Letters Patent be granted.

The Secretary-Manager had met with the Administrators. A Resolution had been drafted up and circulated to Board members and to the Regional Districts.

However, a letter was received, this morning, from the Regional District of Okanagan-Similkameen requesting that the discussions concerning the Resolution be deleted from the agenda of the Okanagan Basin Water Board pending clarification of some major points in the draft presentation.

Mayor Fleming indicated that the executive of the Regional District of North Okanagan had a discussion concerning the draft. There should be some revisions to the draft. These revisions could come to the Board with some rewording. The Regional District of North Okanagan will be in a position to provide some specific wording. Mayor Fleming indicated that the existing Resolution contains more than what had been discussed at the political level prior to going to Victoria. There were new ideas which the political level had not intended to be included. Prior to meeting with Ministers in Victoria the local delegation had agreed to minimize the points included in the Letters Patent to simplify the procedure.

Mayor Laird indicated that he had not had the opportunity to discuss the Resolution with his Regional Board yet.

Mayor Fleming indicated that if the Chairman of the Water Board wished to save time he could have the Regional Boards review the Resolution on the basis of the draft, which had been circulated, and subject to current revisions. These comments by the Regional Boards could then be submitted to the Water Board.

Fleming-Laird

That the recommendations of the Regional Districts concerning a Resolution for new Letters Patent be submitted to the Water Board on the basis of the draft which is subject to some revision.

CARRIED

The Board decided that the Okanagan Basin Water Board should be the clearing house for deliberations concerning this resolution relative to new Letters Patent.

Fleming-Oxley

That the Regional Districts submit to the Office of the Water Board their comments concerning the Resolution for new Letters Patent. The Water Board Office would be the clearing house for coordination of processing new Letters Patent.

CARRIED

Oxley-Laird

That the Okanagan Basin Water Board adjourn into a Committee meeting.

CARRIED

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The meeting adjourned at 3:30 P.M.

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No Meeting Held  
August, 1974

no meeting  
August 1974

OKANAGAN BASIN WATER BOARD

AGENDA

Sept. 5th, 1974 2:00 P.M.

1. Minutes from meeting of July 4th, 1974
2. Accounts.
3. Financial Statement for period ended June 30th, 1974.
4. Correspondence:
  - (a). P.W. Soper, Pollution Control Branch -  
Re: Application for pollution control permit by Westbank Orchards Ltd.
  - (b). W.N. Venables -  
Re: Application for pollution control permit by Oliver-Osoyoos Co-operative.
  - (c). D. Blake, Pollution Control Branch -  
Re: Application by Woods Lake Resort Ltd.
  - (d). D. Blake, Pollution Control Branch -  
Re: Application by Village of Keremeos.
  - (e). W.N. Venables -  
Re: Time extension - MacDonald's Consolidated Ltd.
  - (f). H.D. Debeck - *(see certificate ...)*  
Re: Water application West Slope Utility Corporation.  
  
G.R.F. Elliott, Deputy Minister of Health -  
Re: Water application West Slope Utility.  
  
Dr. D.A. Clarke -  
Re: Water application West Slope Utility.
  - (g). Hon. R. Williams - *\* Review to permit order - permit not  
\* with pro - of water control - permit  
\* float pipe etc. - permit not  
850 20*  
Re: Aquatic weed growth and siltation.
  - (h). Association of B.C. Irrigation Districts -  
Re: Representation on restructured Water Board.  
*(Best Home, ... Ten Cor. ...)*
5. Progress - Letters Patent.  
*- LORNAE 15771*
6. Sun-oka Park Beach expansion - Parks Branch. *(RECORDS of study)  
- COPY - 40,000.*
7. Rental of Aquatic Weed Harvesting equipment to Ontario.
8. Applications for Pollution Control permits:
  - (a). Midvalley Construction Limited - Kelowna.
  - (b). Paul Stewart - Westbank.
  - (c). McLean & Fitzpatrick Ltd. - Kelowna.
9. Other business.  
*- 2022 Sun (see ...)*  
*- Aquatic Weed ...*  
*- ...*

MINUTES FROM THE MEETING OF THE OKANAGAN BASIN WATER BOARD, THURSDAY  
SEPTEMBER 5th, 1974 2:00 P.M. OFFICES OF THE REGIONAL DISTRICT  
OF CENTRAL OKANAGAN, 540 GROVES AVENUE, KELOWNA, B.C.

1.

Present: A. Duncan Chairman R.D.C.O.  
C. Day R.D.C.O.  
L. Dooley R.D.C.O.  
P. Duke R.D.N.O.  
T. Oxley R.D.N.O.  
S. Fleming R.D.N.O.  
J. Shaw R.D.O.S.  
C. Dunn R.D.O.S.  
F. Laird R.D.O.S.  
W. Parchomchuk Secretary-Manager

Also in attendance:

W.C. Bennett Mayor, City of Kelowna  
R. Postill Chairman, R.D.N.O.  
Alderman O. Woodley Coldstream  
Alderman F. Oakes Penticton  
G. Sinclair Kelowna Tomorrow  
B. Hume Assoc. of B.C. Irrigation Districts  
T. Carter Assoc. of B.C. Irrigation Districts  
C.E. Sladen Assoc. of B.C. Irrigation Districts  
K. Blagborne Assoc. of B.C. Irrigation Districts  
H. McNeill Assoc. of B.C. Irrigation Districts

Minutes: Shaw - Duke

That the minutes of the meeting of July 4th, 1974 be adopted as circulated.

CARRIED

Accounts: The Secretary-Manager presented accounts outstanding totalling \$706.09.

Oxley - Day

That the accounts outstanding totalling \$706.09 be paid.

CARRIED

Statement  
of  
Expendi-  
tures:

The Secretary-Manager presented a Statement of Expenditures for the six months ended June 30th, 1974. The total expenditure for operations of the Water Board to June 30th, 1974 were \$11,265.96. This was within the budget.

Oxley - Shaw

That the Statement of Expenditures for the six months ended June 30th, 1974 be received.

CARRIED

Correspondence:

The following letters were read:

- Westbank  
Orchards  
Application:
1. P.W. Soper, Pollution Control Branch - letter of July 3rd in reply to the Okanagan Basin Water Board letter of February 8th, 1974 with respect to an application for a pollution control permit on behalf of Westbank Orchards Ltd. The letter stated that the application has been revised so that only uncontaminated cooling water will be discharged and the process effluent will be connected to the Westbank sewage system.
- Oliver -  
Osoyoos  
Co-op  
Application:
2. W.N. Venables - letter of July 9th, 1974 relative to an application for a pollution control permit on behalf of Oliver-Osoyoos Coop Growers Association. The letter advised that Pollution Control Permit PE 2218 has been issued to the Oliver-Osoyoos Cooperative Growers Association. In view of the measures that will be provided to control pollution the permit had been granted in accordance with the Pollution Control Act. The measures provided were outlined in an earlier letter of March 20th, 1974 to the Water Board.
- Woods  
Lake  
Resort  
Application:
3. D. Blake, Pollution Control Branch - letter of August 28th, 1974 relative to an application for a pollution control permit by Woodslake Resort. The letter indicated that the Water Board letter of July 23rd, 1974 objecting to this application has been accepted as an objection under the Pollution Control Act. In order to assist the Director in his decision as to the necessity of holding a public hearing the Board was requested to submit, within 30 days from the date of the letter, any and all information which may have a bearing on the matter.
- Village  
of  
Keremeos  
Application:
4. D. Blake, Pollution Control Branch - letter of August 29th, 1974 relative to an application for a pollution control permit by the Village of Keremeos. The letter was in reply to an Okanagan Basin Water Board objection of July 23rd, 1974. The objection has been accepted under the Pollution Control Act. In order to assist the Director in his decision as to the necessity of holding a public hearing the Board is requested to submit, within 30 days from the date of the letter, all information which may have a bearing on the matter.
- Mr. Dunn mentioned that the Village of Keremeos is now looking at an alternate method of sewage disposal other than had been suggested in the original application.
- W.N.  
Venables  
Re:  
MacDonald's  
Consolidated  
Application:
5. W.N. Venables, Director of Pollution Control Branch - letter of July 31st, 1974 in reply to an Okanagan Basin Water Board letter supporting any action the Pollution Control Branch would undertake to enforce the pollution control permit of MacDonald's Consolidated Ltd. in Summerland. Mr. Venables letter stated that the application for an amendment to the existing pollution control permit by MacDonald's Consolidated was refused by the Director. The decision of the Director was being appealed to the Pollution Control Board. The matter is subjudice and could not be further commented upon. An appeal would be held on August 6th, 1974.

The Secretary-Manager mentioned that an appeal was heard on August 6th, 1974 and the appeal was refused. The Cannery, therefore, is not operating presently, and is under close watch by the Pollution Control Branch.

- West  
Shores  
View  
Estates  
Water  
Licence:
6. Several letters were read relative to a Water Licence application on Okanagan Lake by Westslope Utility Cooperation Ltd. (West Shores View Estates):
- a. Letter of August 19th, 1974 from H.D. DeBeck, Comptroller of Water Rights. The letter was in reply to a July 17th, 1974 letter from the Okanagan Basin Water Board. Mr. DeBeck informed that the applicant has received approval from the Health Department in the form of Certificate No. 8818 signed by the Deputy Minister of Health dated 21st of June, 1974. Accordingly the Water Rights Branch was now

MINUTES OF THE MEETING OF THE OKANAGAN BASIN WATER BOARD  
SEPTEMBER 5th, 1974.

prepared to issue a Water Licence, authorizing diversion and use of 500 gallons a day of water per lot as approved by a Certificate of Public Convenience and Necessity up to a maximum of 160,000 gallons per day. Issue of the Water Licence would be delayed until the applicant receives the required Certificate of Public Convenience and Necessity.

The Secretary-Manager mentioned that the Certificate of Public Convenience and Necessity was received the following day.

- b. Letter of August 2nd, 1974 from G.R.F. Elliott, Deputy Minister of Health, acknowledging the Okanagan Basin Water Board letter of July 17th, 1974 in which the Water Board expressed concern over the development by Okanagan West Shores View Estates. Mr. Elliott assured that Dr. Clarke would take into consideration the comments of the Water Board when making his decision.
- c. Letter of July 26th, 1974 from Dr. D.A. Clarke, Director, South Okanagan Health Unit, relative to the West Shores View Estates' application for a Water Licence. Dr. Clarke noted that the Water Board had recommended approval of Stage 11 be withheld until the Health Authorities had been able to ascertain whether or not there is a septic tank pollution effect on Okanagan Lake from Stage 1, when it is at least 50% occupied. Dr. Clarke indicated that it did not appear the Health Unit would have any legal reason for withholding the granting of sewage disposal permits for lots which are over half a mile from the Lake and up to one thousand feet above the Lake. Soil conditions meet Health regulations and the lots are quite large. Domestic water was also provided. Dr. Clarke was inclined to feel that the Health Unit was being used to prevent the development rather than disease; and while they had a vital interest in the water quality of Okanagan Lake, the case in point was not convincing enough to warrant that the Health Unit should refuse to issue septic tank permits for the lots in Stage 11, providing there is no bedrock or other geographical characteristics in the area that would cause problems in the disposal of sewage effluent or enable effluent to quickly reach the lake.

Mr. Oxley agreed that the Medical Health Officer was making a good point. He said the Water Board has now made its comments and can no longer stand in the way provided the developer is meeting all of the conditions of the Regional District. Mr. Duncan replied that the Regional District of Central Okanagan did not have the same zoning regulations that the Regional District of North Okanagan had, and therefore, could not stop the development. The Regional Board recently gave first reading to a By-Lay that prohibits development in rural areas of parcels less than ten acres in size.

- R.A.  
Williams -  
Aquatic  
Weeds, Silts:
7. Hon. R. Williams, Minister of Lands, Forests, and Water Resources - letter of July 24th, 1974 in reply to an Okanagan Basin Water Board letter of July 15th, 1974 concerning the problem of stream siltation and erosion leading to aquatic weed growth in the Okanagan Lake system. Mr. Williams replied that a planned program of bank stabilization would be extremely expensive and there would be no guarantee that it would appreciably improve the situation. The recent weed growth is another sign of environmental degradation resulting from the activities of man. A more comprehensive planned program of regulation activities would be the approach to follow. The first steps towards such a program are now being taken by a Task Force, formed to facilitate the Implementation of the Okanagan Basin Study recommendations. Study proposals, such as green belting of creek banks, replacement of septic tanks with sewerage systems, and installation of phosphorous removal facilities are positive steps towards improving the environment of the Okanagan Lake system and reducing aquatic growth. Implementation to a large extent would be a local responsibility. The present course of implementing the Study recommendations should be followed. In the meantime, if a short term solution to the weed growth could be found through chemical treatment studies; this can be undertaken by the Water Board until other permanent measures become fully effective. A program for bank protection should only be considered if all else fails and if proven that it will alleviate the weed problem.

Mr. Oxley indicated the current aquatic weed problem involves Okanagan Lake below high water mark. Local Governments do not have any authority on the Lake below high water mark. He indicated that this was entirely Provincial and Federal responsibility. For example, local Government do not have to clean up Provincial Parks. The letter from Mr. Williams does not indicate any Provincial responsibility. He felt strongly that the Water Board should confirm with the Province that the Board feels this is entirely a Provincial responsibility. A letter should be written to the Hon. R. Williams indicating this responsibility.

Oxley - Day

That a letter be written to the Hon. R. Williams indicating that the Water Board could not accept responsibility for aquatic weed growth and feel that this is a responsibility of the Provincial Government.

CARRIED

The Secretary-Manager mentioned that he had tried a very small experiment at the North end of Okanagan Lake using strong hydraulic pressure to wash weed root systems. This principle had worked successfully revealing a sandy bottom where the Lake had once been covered with weeds. However, in order to adopt this principle onto a workable machine that could be used for large areas of Okanagan Lake, additional research and fabrication would be required and then a pilot test made. He asked the Board for permission to pursue this method of weed control which would have the advantage of removing weeds by the roots rather than stems only.

Mr. Oxley mentioned that regardless of our local efforts the Federal and Provincial Governments should be required to finance this type of project. He reminded the Board that this was a Provincial responsibility. The Secretary-Manager agreed with Mr. Oxley, and indicated any expenditures that would be required to be made on this new method should be borne by the Province.

Fleming - Duke

That the Secretary-Manager be given authority to pursue a grant from the Provincial Government for a new mechanical method of aquatic weed removal.

CARRIED

Mayor Laird questioned what the Provincial Government would say insofar as local people cleaning up their own wastes.

Mayor Fleming indicated that past correspondence of the Board has shown local concern and yet the ultimate decisions for pollution entering the Lake are at the sole discretion of the Pollution Control Branch. Municipalities are doing everything in their power to eliminate these wastes, and the Board is committed to this. A variety of Provincial enforcement agencies have kept local government in confusion. Provincial agencies have not accepted their responsibility. Mr. Oxley indicated he agreed Provincial Officers are required to enforce regulations designed to control pollution from various sources.

The Secretary-Manager mentioned that a form of public notices and advertising should be used to make the public aware of ways to prevent the spread of the current highly noxious aquatic weed (*Myriophyllum*) now expanding to many new areas of Okanagan Lake. The weed was, more or less, still confined to the North end of Okanagan Lake, however, it was rapidly spreading by storms, by boats, and other means. He suggested that the public be informed of ways in which they could assist in curtailing the spread of the weeds.

Laird - Dunn

That the Secretary-Manager be authorized to pursue public notices concerning the spread of aquatic weeds, indicating methods for prevention of spreading.

CARRIED

- Assoc-  
iation of  
B.C. Irri-  
gation  
Districts  
Representation:
8. Letter of August 1st, 1974 from the Association of B.C. Irrigation Districts. All three Regional District Boards comprising the Water Board had received the same letter and commented. The letter asked the Water Board to consider representation of one voting member from the Association of B.C. Irrigation Districts on any newly restructured Okanagan Basin Water Board. A delegation representing the Association of B.C. Irrigation Districts was present.

Mayor Fleming indicated that the Board had previously agreed it would be desirable to have representation from the Irrigation Districts.

Mr. Duncan mentioned that the Regional Board of the Regional District of Central Okanagan could not see a method whereby Irrigation Districts could have direct representation on a Water Board, because most Directors are elected first to a Regional Board. The Irrigation Districts could not have a voting representative, but it would be possible to have an observer.

Mayor Fleming suggested we would want the Irrigation Districts to have some form of representation. How the Water Board could give them voting membership would be difficult. This would be something the Board would have to investigate.

Mr. Carter indicated the Association was asking for an elected member, with a vote, to sit on the Board. He felt the Irrigation District should have a voice in water management since they have such a large involvement in water management and distribution in the Valley. Trustees on Irrigation Districts are elected to Irrigation Districts by ratepayers.

Mr. Hume indicated the Irrigation Districts have made representation in the past for a voting member. The reason given that Irrigation Districts could not have a voting member was that they were not Directors on Regional District Boards; therefore, they could not be on the Water Board.

Mayor Fleming indicated the Irrigation Districts were very qualified in their management of water, however, this Board has no jurisdiction over these matters.

Mr. Oxley suggested the Chairman meet with the Executive to persue any avenues, whereby, the Irrigation Districts could have formal representation. Mr. Duncan agreed that he would get information from the Irrigation Districts and the Department of Municipal Affairs to see if something could be done for Irrigation District representation.

The Secretary-Manager would arrange for a meeting with the Executive of the Association of B.C. Irrigation Districts.

Fleming - Shaw

That the correspondence be received.

CARRIED

Progress -  
Letters  
Patent:

The Secretary-Manager read a short news release outlining the progress made to date in a resolution by the three Regional Districts for the issue of Letters Patent for a restructured Water Board. The Regional Districts of North Okanagan and Okanagan-Similkameen had adopted the previously drafted uniform resolution which would be used in applying for Letters Patent. The Regional District of Central Okanagan had adopted the resolution, excepting one clause. That clause being 4 (b) under the heading -"Overall Land Use Principles".

A Letter of July 26th from the Hon. J.G. Lorimer indicated he was prepared to give favorable consideration to recommending the issue of supplementary Letters Patent to the three Okanagan Regional Districts to broaden the objects of the Okanagan Basin Water Board. Mr. Lorimer was prepared to discuss specific terms of supplementary Letters Patent prior to recommending approval.

Mayor Laird indicated that in the fourth paragraph of the press release, there was no detailed indication as to what was included in the clause that the Regional District of Central Okanagan wished deleted from the resolution. He felt the fourth paragraph should be deleted from the release.

Oxley - Laird

That the fourth paragraph of the press release be deleted.

CARRIED

The Secretary-Manager explained that as the meeting progressed it would be explained what was in the clause that the Regional District of Central Okanagan wished deleted and then there would be a clearer understanding.

A letter of September 5th, 1974 from the Regional District of Central Okanagan was read. The Regional District requested that an amendment be made to the resolution pertaining to Letters Patent; the amendment being the deletion of Section (b) under "Overall Land Use Principles".

Mr. Duncan explained the Regional District of Central Okanagan wished this clause deleted for the time being since it encompassed too many areas in which individual Regional Districts would maintain jurisdiction. Examples of this were the Parks system and Green Belts. He mentioned the term "Flood Plain Zoning" had confused several Directors on the Regional Board of Central Okanagan since there was a difference between the planners concept of Flood Plain Zoning and that which is described under the Okanagan Basin Study.

Mayor Laird asked how this item would be effectively controlled if not left in the Letters Patent of the Water Board. Mr. Duncan felt that the Board would still control Flood Plain Zoning under Section 4 (a).

Mayor Fleming suggested that items which are conflicting and entirely within individual Regional Districts should not be dealt with in detail at this point. The role of the new Board should only encompass items that are in common with the three Regional Districts and requiring a common solution.

Mayor Bennett suggested that if clause 4 (b) were left in the Letters Patent it would lead to one Regional District.

Mayor Laird suggested that water quality control was needed through some form of land control. He agreed with Mayor Fleming that what affects one Regional District often affects another.

The Secretary-Manager explained that Flood Plain Zoning, to implement the Okanagan Basin Study, would apply only to Okanagan Lake and the main stem lakes. The elevation it would apply to on Okanagan Lake was well defined. The Regional District of Central Okanagan would only be affected in those areas bordering Okanagan Lake and the Kalamalka-Wood Lake system.

He further explained that even if clause (b) were eliminated from "Overall Land Use Principles" the general clause being clause (a) under this same heading was broad enough and general enough so that it could still cover those items which would be deleted under clause (b).

Mr. Postill agreed with Mayor Fleming and Mayor Bennett that in order to expediate the Letters Patent, clause (b) could be deleted, otherwise time delays will be great and a one Regional District concept may be forced upon the Valley.

Mayor Laird suggested that in order to speed up this resolution, the Okanagan Basin Water Board recommend to the Regional Districts of North Okanagan and Okanagan-Similkameen that clause (b) under "Overall Land Use Principles" be deleted in order that a unanimous resolution can be accepted quickly and forwarded to Victoria.

Fleming - Shaw

That the Okanagan Basin Water Board recommend clause (b), under "Overall Land Use Principles" of the resolution relative to a newly restructured Water Board, be deleted in order to expediate the processing of Letters Patent.

CARRIED

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Sun-Oka Park  
Beach  
Expansion:

The Secretary-Manager explained the Parks Branch was now investigating the possibility of expanding the Sun-Oka Park Beach by Trout Creek near Summerland. In order to expand, the adjacent land, owned by the Summerland Experimental Station, would have to be purchased. This land, owned by the Federal Government, is no longer in intensive use since the dairy herd, once owned by the farm, has been disbanded. It appeared to be a very natural expansion of the Park and would provide more recreation land on the Lake. The expansion of beach frontage on Okanagan Lake was recommended under Okanagan Basin Study Recommendations #41 and #43.

The Board was asked whether they wished to support this Park expansion.

Mr. Dunn suggested there may be some problems with the Agricultural Land Reserve. Mr. Sinclair suggested if the Board moves in this direction they should ask that some of the beach be used for boating as well as restricted swimming. There is presently a conflict between boating and beach users in the area. Boaters have now been restricted from the area.

Mr. Oakes suggested the Park is now much better with boating restricted and it is a quieter place for a beach. The Board should be cautious if they recommend that boats be brought back near the Park.

Mayor Fleming suggested the point in question was to see whether the Okanagan Basin Water Board would like to see the expansion of the beach and also whether the Regional District of Okanagan-Similkameen would like to see expansion of the beach. The Regional District should be contacted.

Shaw - Dunn

That the matter of Sun-Oka Beach Park expansion be tabled subject to the Regional District of Okanagan-Similkameen investigating the matter.

CARRIED

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Rental of  
Aquatic  
Weed Har-  
vesting  
Equipment  
to  
Ontario:

The Secretary-Manager reported that the Ontario Government was conducting aquatic weed research in an Ontario Lake. They had been using one machine for weed removal but were unable to complete their work. A request for use of local equipment for the period September to October 30th was made. The Secretary-Manager indicated that all work required locally had been completed. Rather than have the equipment sit idle for those months it could be put to good use. The rental rate from the Ontario Government would be \$1,000.00 per week. He had telephoned Okanagan Basin Water Board Directors for approval prior to shipping the equipment. The discussion would now have to be ratified by the Board.

Day - Shaw

That the Okanagan Basin Water Board ratify the decision to send aquatic weed harvesting equipment to Ontario on a rental basis.

CARRIED

Applications for Pollution Control Permits:

- Midvalley Construction Ltd.: 1. Application by Midvalley Construction of Kelowna, B.C. to discharge effluent from an asphalt batch plant into a settling pond with no positive discharge. The annual daily discharge into the pond would be 36,000 gallons. The water could be recycled from the settling pond for reuse in the plant. The Secretary-Manager had visited the site and indicated there would be no surface discharge of water.

Day - Dunn

That there be no objection to the application for a pollution control application by Midvalley Construction Ltd.

CARRIED

- W. Paul Stewart: 2. Application for an amendment to a Pollution Control Permit by W. Paul Stewart of Peachland, B.C. The amendment was to increase the average daily discharge from washers at a laundromat from 2,300 gallons per day to an average of 4,000 gallons per day. The Secretary-Manager mentioned that the Central Okanagan Regional District Technical Committee had reviewed this application. It was felt that there was a possibility of some seepage to the Lake, since soil material was quite porous. However, the Committee decided not to object to this application immediately, but suggested that some form of collection system was required for the lower Peachland area. Monitoring should be required if this application is granted. Mayor Laird questioned whether this application should be approved if it was close to the the Lake.

Dooley - Oxley

That the Okanagan Basin Water Board object to the application for an amendment to a Pollution Control Permit by Paul Stewart, on the basis of the possibility of some contamination to Okanagan Lake due to the added volume of effluent.

CARRIED

- McLean & Fitzpatrick Ltd.: 3. Application by McLean and Fitzpatrick Ltd. of Kelowna to discharge cooling water from a packing house. The amount of daily discharge would be two outfalls of 180,000 gallons each of cooling water. There would also be an average annual daily discharge of 100 gallons of process wash water. This water would be hauled by truck to a land disposal site.

Day-Fleming

That there be no objection to the application for a Pollution Control Permit by McLean and Fitzpatrick Ltd.

CARRIED

Other Business:

- Creek Protection: Mr. Oxley questioned whether the Water Board accepted the responsibility for creeks flowing into the Lake as indicated in the letter from the Water Resources Service relative to stream bank protection.

Mayor Fleming indicated that the Board had eliminated this responsibility under Section 4 (b) in the resolution for Letters Patent.

Zozel  
Dam  
Break:

The Secretary-Manager briefly reported that a ten foot section of the Zozel Dam, at the outlet of Osoyoos Lake, had broken. The break occurred on August 2nd - 3rd. Canadian authorities were notified on August 15th. Osoyoos Lake had dropped two feet between August 15th and August 29th. On August 29th, the Lake level was 909.6 feet elevation. This was the lowest elevation on record. The U.S. Department of Ecology is now placing a rock fill in the break. This should be finished in ten days. Concrete work will be placed in the fall. Osoyoos Lake was now rising. Discharge in the Okanagan River had been increased to raise the level of Osoyoos Lake.

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Mr. Oxley requested the meeting adjourn to Committee.

Mr. Duncan asked the Water Board to permit Chairman Postill to stay for the Committee Meeting.

Mayor Fleming moved the meeting adjourn.

The meeting adjourned at 3:45 P.M.