CONSIDERATION OF REPORT OF THE

COMMITTEE ON WORKS AND OPERATIONS

The Executive Policy Committee has had before it the Report of the Committee on Works and Operations, dated September 10th, 1991, has concurred in the recommendations contained therein, except as noted below, and submits same to Council for approval and adoption.

On motion of Councillor Lorenc, the Report of the Committee on Works and Operations, dated September 10th, 1991, was considered clause by clause.

North Committee Room,
Council Building, Winnipeg.
September 10th, 1991.

His Worship the Mayor and Councillors:

Your Committee on Works and Operations submits the following Report and recommends:

Opening of Peguis Street North of Regent Avenue West - East Kildonan-Transcona Community. File DAO 11/91

1261 - 1. The opening of Peguis Street north of Regent Avenue West was initiated by DCU 113/91, a conditional use application regarding the construction of a general merchandise retail store, submitted by Costco Wholesale Corporation in June of 1991. One of the conditions of approval of DCU 113/91 is that Costco enter into a Servicing Agreement with the City which generally deals with the Developer's responsibility to open the roadway and provide services within the planned area.

The majority of the land required for this proposed opening is City-owned property held under the jurisdiction of the Streets and Transportation Department which has been reserved for this purpose. Costco is undertaking to provide the City with consents to the dedication of the balance of the lands required for this opening. These lands are identified as "Lands to be Dedicated by Leslie Chester" and "Lands to be Dedicated by Larfran Investments Ltd. and 73336 Manitoba Inc." on Plan No. EKT 5571/6.

The circularization of this proposal has taken place to the affected departments with no objections received. The East Kildonan-Transcona Community Committee and the Committee on Planning and Community Services has approved this proposed opening as to planning details.

Your Committee on Works and Operations has approved the proposal and recommends:-

1. That the City Solicitor be instructed to prepare the necessary by-law for submission to Council to effect the proposed opening of Peguis Street north of Regent Avenue West in accordance with Plan No. EKT 5571/6, the cost of the by-law, estimated at $200.00, to be borne by the Developer, Costco Wholesale Corporation.

2. That the Proper Officers of the City do all things necessary to implement the foregoing.

Copy of Misc. Plan No. EKT 5571/6 regarding this proposal is on file in the office of the City Clerk.

Moved by Councillor Lorenc,
Adoption of the clause.

Carried.

Report of the Committee on Works and Operations, dated September 10th, 1991.

Street Corner Widening at the South-east Corner of Henderson Highway and McLeod Avenue - East Kildonan-Transcona Community. File DAO 5/86

1262 - 2. In 1985, the Board of Commissioners considered the Report of the Director of Streets and Transportation regarding land acquisition for the Capital Program and instructed the Land Surveys and Real Estate Department to negotiate for the property required for the street corner widening at the south-east corner of Henderson Highway and McLeod Avenue. The proposed widening has been circularized as part of the Capital Works process with no objections having been received. The land has since been acquired by the City and the street corner widening has been constructed as part of the Capital Works Program.

Your Committee on Works and Operations therefore recommends:-

1. That the City Solicitor be instructed to prepare the necessary by-law for submission to Council to effect the street corner widening at the south-east corner of Henderson Highway and McLeod Avenue, in accordance with Plan No. EKT 5931/1, the cost of the by-law, estimated at $200.00, to be borne by the City-at-large.

2. That the Proper Officers of the City do all things necessary to implement the foregoing.

Copy of Misc. Plan No. EKT 5931/1 regarding this proposal is on file in the office of the City Clerk.

Moved by Councillor Lorenc,
Adoption of the clause.

Carried.

Lane Corner Widening at the Intersection of First Lane East of Aikins Street and the Lane North of Pritchard Avenue - Lord Selkirk-West Kildonan Community. File DAO 2/82

1263 - 3. The lane corner widening at the intersection of the first lane east of Aikins Street and the lane north of Pritchard Avenue was originally proposed in conjunction with DAO 2/82, which opened the adjoining north/south lane shown on Plan LSWK 5090/2. The proposed widening was circularized and received approvals as to planning considerations together with DAO 2/82.

Negotiations to acquire the land required for the lane corner widening were unsuccessful at that time, however, and the matter was placed in abeyance.

The City has since acquired the property, and it is now necessary to legally open the land as public lane.

Your Committee on Works and Operations therefore recommends:-

1. That the City Solicitor be instructed to prepare the necessary by-law for submission to Council to effect the lane corner widening at the intersection of the first lane east of Aikins Street and the lane north of Pritchard Avenue, in accordance with Plan No. LSWK 5090/2, the cost of the by-law, estimated at $200.00, to be borne by the City-at-large.

2. That the Proper Officers of the City do all things necessary to implement the foregoing.

Copy of Misc. Plan No. LSWK 5090/2 regarding this proposal is on file in the office of the City Clerk.

Report of the Committee on Works and Operations, dated September 10th, 1991.

Moved by Councillor Lorenc,
Adoption of the clause.

Carried

Lane Widening at the North-west Corner
of the Intersection of the First Lane West of
McPhillips Street with the First Lane South
of Selkirk Avenue - Lord Selkirk-West Kildonan ‘
Community. File DAO 2/91

1264 - 4. In 1985, the Board of Commissioners considered the Report of the Director of Operations respecting the proposed lane widening at the north-west corner of the intersection of the first lane west of McPhillips Street with the first lane south of Selkirk Avenue, and instructed the Land Surveys and Real Estate Department to commence negotiations for the land required for the subject lane widening. The City has had difficulty in acquiring the land. The owner has now agreed to the sale of the land to the City.

This proposed lane widening has been circularized to all interested City departments and public utilities with no objections having been received. The Planning Department has provided all approvals as to planning details for this proposal.

Your Committee on Works and Operations therefore recommends:-

1. That the City Solicitor be instructed to prepare the necessary by-law for submission to Council to effect the lane widening at the north- west corner of the intersection of the first lane west of McPhillips Street with the first lane south of Selkirk Avenue, in accordance with Plan No. LSWK 6146, the cost of the by-law, estimated at $200.00, to be borne by the City-at-large.

2. That the Proper Officers of the City do all things necessary to implement the foregoing.

Copy of Misc. Plan No. LSWK 6146 regarding this proposal is on file in the office of the City Clerk.

Moved by Councillor Lorenc,
Adoption of the clause.

Carried.

Widening - 2040 Logan Avenue - St. James-
Assiniboia Community. File DAO 12/91

1265 - 5. Pursuant to report prepared by the Streets and Transportation Department, which was concurred in by the Committee on Works and Operations, the Board of Commissioners instructed the Director of Land Surveys and Real Estate Department to negotiate for the acquisition of the widening at 2040 Logan Avenue to improve vehicular visibility at this location.

On July 16th, 1991, the Committee on Finance and Administration approved the proposed acquisition for the subject widening at a price of $3,000.00 in accordance with the terms and conditions as outlined in its Technical Advisory Committee's report dated July 2nd, 1991, as well as the waiving of any encroachment fees which would otherwise be applicable.

The Committee on Finance and Administration has also advised that the Committee on Planning and Community Services has been requested to approve the resulting encroachment of an approach and a paved parking lot area into the street right-of-way at no cost to the property owner.

Report of the Committee on Works and Operations, dated September 10th, 1991.

Your Committee on Works and Operations has approved the proposal and recommends:-

1. That the City Solicitor be instructed to prepare the necessary street opening by-law for the widening - 2040 Logan Avenue, in accordance with Misc. Plan No. SJA 8158 for submission to Council, and the cost of the by-law, estimated at $200.00, be charged to the 1989 Capital Program of the Streets and Transportation Department.

2. That the Proper Officers of the City do all things necessary to implement the foregoing.

Copy of Misc. Plan No. SJA 8158 regarding this proposal is on file in the office of the City Clerk.

Moved by Councillor Lorenc,
Adoption of the clause.

Carried.

Temporary Street Closures for Entertainment Purposes - Residential Block Parties. File SC-3.13

1266 - 6. LAID OVER BY EXECUTIVE POLICY COMMITTEE

Report of the Committee on Works and Operations, dated September 10th, 1991.

Proposed Amendments to Streets and Traffic By-laws with respect to "in-line" rollerskating or "rollerblading". Files ST-5.2 and ST-5.3

1267 - 7. Council, on July 10th, 1991, referred the following motion to your Committee, namely:

"WHEREAS Section 2.12 of the City of Winnipeg Streets By-law No. 1481/77 states:

'2.12 COASTING

No person shall slide, coast, toboggan, or use or ride any skateboard or similar device upon, onto or over a street. Nothing in this section shall be construed as prohibiting the pulling of a toboggan or sleigh on a sidewalk or along a boulevard in areas where there is no sidewalk.';

AND WHEREAS Section 6 of the City of Winnipeg Traffic By-law No. 1573/77 states:

'6. COASTERS, SKATEBOARDS, ETC., PROHIBITED ON ROADWAYS

No person shall ride upon or use any coaster, skateboard, sleigh, skis, skates, toy vehicles, or similar device on a roadway.';

AND WHEREAS 'in-line' rollerskating or 'rollerblading' should be viewed as a legitimate recreational activity and alternative mode of transportation that is quickly growing in popularity;

THEREFORE BE IT RESOLVED that this matter be referred to the City Administration for drafting an appropriate amendment to the aforementioned Streets and Traffic By-laws that would exempt 'in-line' rollerskating or 'rollerblading', where it can be considered safe to do so."

On July 30th, 1991, the St. Boniface-St. Vital Community Committee recommended to the Committee on Works and Operations that rollerblading be allowed in the City's regional parks between the hours of 8:00 a.m. and 10:00 a.m.

Your Committee on Works and Operations requests a 60-day extension of time in which to report back to Council in this regard.

Moved by Councillor Lorenc,

Adoption of the clause.

Carried.

Feasibility Study - Senior Citizen's Public Transportation Service. Files TT-5 and TT-1.3.1

1268 - 8. Council at its meeting of December 20th, 1989, referred the following motion to your Committee on Works and Operations:-

"That Council approval be given to a feasibility study on the operation of a senior citizens' public transportation service within the City in such areas as the North End, St. James, Transcona, East Kildonan and St. Vital."

On January 30th, 1990, the Committee on Works and Operations appointed Councillor Kaufmann, Councillor Lazarenko and Councillor Young to an ad hoc committee to study this proposal. On January 8th, 1991, Councillor Boychuk was named to replace Councillor Young on this ad hoc committee.

On May 30th, 1990, Council granted your Committee a 180-day extension of time in which to report on the above motion referred to it by Council, and on December 12th, 1990, Council granted a 90-day extension.

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On March 6th, 1991, Council granted your Committee a 90-day extension of time in which to report on the above motion referred to it by Council.

On March 27th, 1991, Council referred the following motion to your Committee on Works an Operations:-

> "That the mandate of the Ad Hoc Committee on Works and Operations to study the feasibility of a seniors' transportation service be expanded to apply city- wide,"

and on May 29th, 1991, Council granted your Committee a 90-day extension of time in which to report on the above motion referred to it by Council.

On September 10th, 1991, Councillor Reese was added to this Ad Hoc Committee.

Your Committee on Works and Operations recommends a further 60-day extension of time in which to report back to Council in this regard.

Moved by Councillor Lorenc,
Adoption of the clause.

Carried.

Traffic Control Signals on Tache Avenue at the Private Approaches Serving the St. Boniface Hospital - Amendment to Development Agreement with St. Boniface Hospital. Files ST-5(25) and DASZ 15/90

1269 - 9. REFERRED BY EXECUTIVE POLICY COMMITTEE TO THE ST. BONIFACE-ST. VITAL COMMUNITY COMMITTEE

Report of the Committee on Works and Operations, dated September 10th, 1991.

Amendment to the Policy for Placement of Newspaper Vending Machines/Dispensers in Streets. File EL

1270 - 10. On July 30th, 1991, the St. Boniface-St. Vital Community Committee passed the following motion with respect to the placement of vending boxes in the City of Winnipeg in residential areas, namely:

> "That new applications for street permits for the placement of vending boxes in residential areas not be issued without first notifying the residents of the property fronting the proposed location of the vending box in order to ensure there is no objection to same."

This requirement is intended to avoid the problem that occasionally arises when the fronting property owner objects to the placement of a newspaper company vending machine after it has been placed in front of his/her premises.

Requiring the applicant to secure the fronting property owner's concurrence to the proposed installation will prevent the occurrence of such surprise and hard feelings among those concerned.

Your Committee on Works and Operations therefore recommends:-

1. That the policy for Placement of Newspaper Vending Machines/Dispensers in Streets be amended by adding after Clause D) iii) the following clause, namely:

   "iv) be required to submit a letter from the fronting business or property owner that there is no objection to the placement of a newspaper vending machine/dispenser in front of his/her premises."

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2. That the Proper Officers of the City do all things necessary to implement the foregoing.

Moved by Councillor Lorenc,
Adoption of the clause.

Carried.

Clean Environment Commission Hearings on the Setting of Water Quality Objectives for the Red and Assiniboine Rivers within and downstream of the City of Winnipeg.
Files ER-3, E-5.1.7 and WW-1

1271 - 11. Until recently, the responsibility for protecting water quality in the Red and Assiniboine Rivers in the Winnipeg area was delegated to the City by the Province of Manitoba. The City developed its own stream pollution control program in accordance with broad guidelines accepted by both jurisdictions. Within this context, the individual Winnipeg pollution control plants did not require discharge licences from the Province. With the proclamation of the Manitoba Environment Act on March 31st, 1988, all projects which have a potential to cause environmental impacts must receive a provincial licence to operate. In this case, the Province has indicated that licences would be defined after consideration of broader surface water quality issues for the Red and Assiniboine Rivers within and downstream of Winnipeg.

The Province determined that it is appropriate to study the Red and Assiniboine Rivers and to convene a Clean Environment Commission (CEC) hearing to deliberate, with public input, on the types of river uses that are appropriate and the associated water quality objectives that should be applied to the Rivers to protect these uses. From these considerations, the Province will determine control requirements or licence requirements for discharges from the City of Winnipeg and other projects. The City will then be in a position to define the pollution control programs that should be implemented to respond to the licences and water quality objectives.

On September 27th, 1989, Council approved utilizing funds for consultant services estimated at $250,000.00 as a special appropriation from the Sewer Utility Retained Earnings, to undertake a study on the Red and Assiniboine Rivers in preparation for the Clean Environment Commission hearings. On September 28th, 1989, the Board of Commissioners authorized the direct assignment of consultant services for preparation of the aforementioned study to a project team of experts managed by Mr. G. Rempel, P. Eng., of Wardrop Engineering Inc.

On November 14th, 1989, the Minister of Environment wrote the Mayor advising that the Province of Manitoba wished to proceed with licencing of the City's three major wastewater treatment plant discharges to the Red and Assiniboine Rivers and that the Clean Environment Commission would be instructed to make preparations for public hearings to establish water quality objectives for the Red and Assiniboine Rivers within and downstream of Winnipeg in the fall of 1990.

On February 26th, 1990, proposals for licencing were filed for each of the City's three wastewater treatment facilities pursuant to section II (6) of The Manitoba Environment Act, and on March 20th, 1991, Council approved the 1991 Current Estimates which included additional funds in the amount of $80,000.00 for consultant services for preparation for the Clean Environment Commission hearings.

On April 4th, 1991, the Minister of Environment wrote the Mayor confirming that consideration of small stream objectives would be part of the hearing process and advising that he would inform the Clean Environment Commission to defer scheduling hearings until the fall of 1991 pursuant to a request from the City. On July 3rd, 1991, the Director of the Waterworks, Waste and Disposal Department wrote the Deputy Minister of Environment requesting clarification on the specific timing for the hearings scheduled for the fall of 1991.

On July 16th, 1991, the Committee on Works and Operations approved additional funding for consultant services related to the setting of Red and Assiniboine River Water Quality Objectives to be transferred from 1991 Capital Account - NEWPCC Disinfection of Effluent.
Report of the Committee on Works and Operations, dated September 10th, 1991.

On July 18th, 1991, the Deputy Minister of Environment wrote the Director of the Waterworks,

Waste and Disposal Department advising that the hearing dates have yet to be set by the Clean Environment Commission. On August 21st, 1991, the Clean Environment Commission met to deliberate on the time frame for the hearings on the Red and Assiniboine Rivers Surface Water Quality Objectives and subsequently verbally advised that hearings were scheduled for the latter half of November, 1991.

Review Process Schedule

The consultant study being undertaken on the surface water quality objectives for the Red and Assiniboine Rivers in preparation for the City's submission to the Clean Environment Commission (CEC) has been completed in draft form and is currently being finalized.

In consideration of the projected November hearing timing, it is necessary to schedule internal administrative review and to obtain political concurrence to the findings of the consultant's report and on the City's position to be taken at the CEC hearings on key water quality issues. Key target dates and activities are listed following:

Activity	Date
Report Submission and Presentation of Study Findings to the Board of Commissioners	August 15th, 1991
Report Submission and Presentation of Study Findings to the Committee on Works and Operations	September 10th, 1991
Members of the Riverbank Management Committee were invited to attend the presentation to the Works and Operations Committee	September 10th, 1991
Report Consideration by Executive Policy Committee	September 18th, 1991
Report Consideration by Council	September 25th, 1991
Final Report Submission to Province of Manitoba for filing in Public Registry and Submission to Clean Environment Commission.	Approximately October 4th, 1991
Conduct Public Information Sessions/ Open Houses	October 28th, 29th and 30th, 1991
Clean Environment Commission Hearings	Start approximately mid-November, 1991

Prior to commencing the open houses for the public, special information and exhibit visitation sessions will be reserved for members of Council and the news media at a suitable time on either day scheduled for the open house sessions.

City Position on Key River Water Quality Issues

The following is a brief overview of the water quality issues identified by the consultant study together with the Waterworks, Waste and Disposal Department's recommended position on each issue to be carried forward to

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the Clean Environment Commission (CEC) hearings. The nature of these issues and their bearing on the City's wastewater discharges will be elaborated on in detail in the final report and presentations to be undertaken during the review process.

1. Aquatic Life

a) Dissolved Oxygen - the study findings have shown that the dissolved oxygen (DO) levels within both the Red and Assiniboine Rivers are above levels required by the Manitoba Surface Water Quality Objectives (MSWQO). The DO levels are within objectives because of the high level of performance at the City's pollution control centres combined with active oxygen production from algae photosynthesis in the rivers. The City has made major expenditures in the past and will continue to do so in the future to ensure adequate secondary treatment levels are maintained at the pollution control centres.

The position to be taken at the CEC hearings will be that the treatment facilities will continue to be operated and upgraded to accommodate wastewater flow rates received and that this would maintain dissolved oxygen levels within acceptable objectives.

b) Ammonia - The MSWQO define allowable concentrations of un-ionized ammonia which are intended to protect fish from acute and chronic effects. The study findings indicate that the un-ionized ammonia concentrations are frequently exceeded on both rivers within the City primarily due to the discharges from the three water pollution control centres (WPCC) and particularly from the North End Water Pollution Control Centre. The study further indicates that ammonia levels can be controlled through implementation of nitrification treatment facilities at the WPCC's. The cost of these facilities is significant, however, and preliminarily estimated at $120 to $170 million dollars assuming treatment at summer and fall temperatures respectively. Treatment at lower temperatures would substantially increase the capital cost requirements. The MSWQO for un-ionized ammonia is based on United States Environmental Protection Agency criteria which are generally considered to be applicable in Manitoba.

The City position to be taken at the CEC hearings will be that there are considerable uncertainties in the derivation of the United States Environmental Protection Agency criteria and their applicability to local fish species. The rivers also currently support a healthy sport fishery. Therefore, prior to requiring the City to embark on a major and costly program to institute nitrification facilities, further study is necessary to better define effects of un-ionized ammonia on local fish species. Ammonia levels in the rivers are a serious and complex water quality issue and require site specific studies to estimate the effects of present ammonia levels and benefits from increased removal.

The City has included $0.2 Million in the 1992 Capital Estimates and $0.3 million in 1993 of the 1993-1997 Capital Forecast to commence and undertake additional studies on local aquatic life and the benefits of nitrification; however, the City will strongly advise the CEC that it believes other governmental jurisdictions should be taking the lead role in this assessment, which is largely research oriented. This sort of assessment program is being considered for funding under the Federal Green Plan on a basin wide basis, however, the current disposition of the project is unknown.

2. Recreation (Primary and Secondary)

The WPCC discharges from City of Winnipeg facilities raise the microbiological concentrations of fecal coliforms within the Red and Assiniboine Rivers above levels specified by the MSWQO for primary and secondary recreation. Another major contributor to increased coliform levels during wet weather are the combined sewer overflows.

Primary recreation comprises activities where water may be ingested or may contact certain sensitive organs such as eyes, ears, nose. Examples are swimming and waterskiing. Secondary recreation activities include water related activities other than immersion recreation such as boating and fishing.

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In undertaking the study, a health risk assessment was conducted utilizing epidemiological equations which focus on risk of incidence of gastrointestinal (G.I.) disease from river use. Based on this assessment, it was determined that the reduction in G.I. disease cases as a result of disinfection at the WPCC effluents would be minimal. A complicating factor is that even with disinfection of the WPCC effluents, residual effects from combined sewer overflows (CSO's) to the rivers would raise fecal coliforms to levels that would exceed the primary recreation objective in the river reaches through the majority of the City. Similar results were produced by the 1986 Disinfection Study which was undertaken in 1986 jointly by the Province and the City. Therefore, from a technical
point of view, the disinfection of the WPCC effluents cannot be supported.

The Director of Waterworks, Waste and Disposal believes that an appropriate position before the CEC on this complex and sensitive issue would be to request that the City not be required to disinfect due to minimal benefit. This would indicate that the City does not encourage use of the rivers for primary recreation in consideration of other factors such as river clarity, turbidity, currents, muddy bottom, and access and the incidence of high coliform levels which would continue after wet weather events as a result of combined sewer overflows.

The Director of Waterworks, Waste and Disposal also believes that even without disinfection, the rivers within the City can still be safely used for secondary recreation activities. This Province is the only jurisdiction in Canada with a fecal coliform objective for secondary recreation.

The City could institute disinfection at the WPCC's to demonstrate the City's environmental responsibility towards the rivers. This would necessitate a capital expenditure preliminarily estimated at $13 million for the three WPCC's. Funding is included in the 1991 Capital Estimates and the 1993-1997 Capital Forecast to proceed with disinfection of the WPCC effluents. The letter of November 14th, 1989, which the City received from the Minister of Environment, advising of the requirement to licence the City's three WPCC's and that CEC hearings would be held, quite specifically indicate that bacterial limits would be recommended for the WPCC's effluents, thereby necessitating disinfection.

The City of Winnipeg has a policy of providing best practicable secondary treatment to all continuous dry weather discharges to the rivers, and has developed pollution control centres that meet this policy objective. The City is also studying wet weather discharges including combined sewer overflows which may lead to a program for reducing combined sewer overflows. This could represent a major cost in the program of stream pollution control and will have a strong focus on the microbiological quality of the rivers.

The disinfection of the WPCC effluents falls in between these two programs of secondary treatment and combined sewer overflow control. Effluent disinfection alone is difficult to justify, given the limited change in health risk associated with use on the rivers. Also, by itself, effluent disinfection is not completely effective due to wet weather influences, especially from CSO's. Disinfection of the WPCC effluent discharges may also provide the public with a false sense of security that the rivers would be safe for primary recreation at all times, which would not be the case due to residual effects on the fecal coliform levels from the CSO discharges. This would necessitate increased surveillance and notification of the public of unsafe conditions during and after any wet weather events when CSO have occurred. It is further important to note that disinfection will have no effect on changing the rivers' appearance.

The City could take the position that plant effluent disinfection should be considered only after the CSO management strategy is defined, since the effects on the river quality are so inter-related. But if CSO reduction becomes an objective of the City, then effluent disinfection is a reasonable step to take as part of a long-term program to minimize the impacts of all urban discharges on the Red and Assiniboine Rivers quality, including wet weather discharges. The City believes the tangible benefits of effluent disinfection in terms of improved health are low, but it is a measure that could be justified as on the basis of good environmental policy, given that the City is moving towards reduction of wet weather flow impacts on the streams.

In any event, if the CEC requires the City to disinfect, the Director of Waterworks, Waste and Disposal will

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request a suitable time frame of approximately five years to allow for proper investigation into appropriate disinfection technologies, development of implementation programs, design and construction.

3. Agricultural Consumption (Greenhouse and Field Crop Irrigation)

Some areas of the Red and Assiniboine Rivers are utilized for irrigation, however, information on the extent of the use is limited. The discharges from the City's WPCC's impact the microbiological objective for this use as do discharges from CSO's. For compliance with the objectives, disinfection would be required similar to the discussion on Recreation in item 2.

The intended City position on this issue of the CEC hearings is that the benefits in terms of health risk, accruing from disinfection to protect irrigation use is too low to quantify.

4. Combined Sewer Overflows (CSO's)

The study findings have identified that the major impact of the CSO's on the Red and Assiniboine Rivers are microbiological in terms of fecal coliform and aesthetic in terms of floatables. From a review of river water quality analytical data, CSO discharges do not reduce dissolved oxygen levels below minimum levels stipulated by the MSWQO.

The position to be taken at the CEC hearings concerning CSO's will be for the City to request that the CEC provide an adequate time frame of approximately five years to develop a long term CSO management plan. The City will be commissioning a study before the end of 1991 in this regard and additionally has approximately $30 million budgeted in the 1993 - 1997 Capital Forecast to commence program implementation. The river study has made a preliminary estimate of the cost of combined sewer overflow treatment works at between $420 to $740 million dollars while full sewer separation is estimated in excess of $1.0 billion. This would not eliminate the CSO's but provide for removal of floatables and disinfection for bacteriological control. Because of the major expenditure required, the additional studies are warranted.

These studies would be directed to:

- evaluating the benefits which would be obtained from the implementing of CSO control;
- priorizing the combined sewer districts on the basis of cost effectiveness of such controls;
- evaluating the cost effectiveness of treatment options;
- if appropriate, undertaking full scale pilot tests of treatment options;
- continuing and expanding CSO monitoring programs.

5. Tributary Small Streams

The City did not learn until early 1991 that the Province intended to also recommend water quality objectives and classify small streams tributary to the Red and Assiniboine Rivers at the upcoming CEC hearings. These tributary small streams include Sturgeon, Omand's and Bunn's Creeks and the Seine and La Salle Rivers. The City's analytical work on the small streams in preparation for the CEC hearings commenced this spring and the consultant's work has just commenced in July. The focus of the work is to determine whether the use categories for the small streams, which have already been established by the Province, can appropriately be supported by the City. As the work on the small streams is currently progressing, additional details on the status of the findings will be presented at the presentation planned during the review process.

Preliminary indications are that the small streams are supporting diverse aquatic and other wild life. The use classifications established by the Province are acceptable and not likely to be significantly impacted by City discharges. The major problem identified along the small streams by the study consultant is accumulations of

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litter and debris. The City's position also will suggest that the small streams are appropriate for use for secondary recreation activities only.

Your Committee on Works and Operations recommends:-

1. That the City reconfirm its commitment to continuous improvement of water quality in the Red River and Assiniboine River as demonstrated by the Sewer Utility capital expenditure of approximately $94 million in the last five years and the proposed expenditure of $82 million in the next five years; but that the City also make known to the Clean Environment Commission that the issue of affordability to the citizens of Winnipeg is of fundamental concern, particularly given that existing commitments already require an annual increase of 11.2% in sewer rates for the foreseeable future.

2. That the City of Winnipeg's position on the key water quality issues for the Red and Assiniboine Rivers and tributary small streams, when the City appears before the Clean Environment Commission (CEC) at the upcoming public hearings, be as follows:

2.1 Aquatic Life -

a) Dissolved Oxygen - That the City's water pollution control centres (WPCC) continue to be operated and maintained to provide an adequate level of secondary treatment to wastewater flows received, thereby continuing to maintain river dissolved oxygen levels within acceptable objectives.

b) Ammonia - That further detailed study on the applicability of ammonia criteria and the effects of un-ionized ammonia on local fish species be required prior to requiring the City to implement extremely costly nitrification facilities and that such studies are more properly undertaken by Provincial and/or Federal government jurisdictions in consideration of basin/Province-wide regulatory implications.

2.2 Recreation (Primary and Secondary) –

- That the City request the CEC not to require the disinfection of the WPCC effluents. Disinfection cannot be technically supported due to minimal benefits achieved. Even with disinfection at the WPCC's, coliform levels will be elevated above primary recreation objectives due to residual effects from combined sewer overflows.

- That the City not encourage use of the rivers for primary recreation. Primary recreation should be discouraged for safety related reasons such as river clarity, turbidity, currents, muddy bottom and access. Secondary recreation should be considered as an appropriate river use activity.

- That institution of the requirement for effluent disinfection at the WPCC be considered only after a combined sewer overflow management plan is defined.

- In the event that the Clean Environment Commission contemplates requiring disinfection, the City be allowed a time frame of approximately five years to complete installation of disinfection facilities.

2.3 Agricultural Consumption

- That the City indicate at the CEC hearings that the benefits in terms of health risk accruing from disinfection to protect this irrigation use are too low to quantify and therefore the CEC should not require disinfection solely to protect this use.

2.4 Combined Sewer Overflows (CSO)

- That the City request the CEC to allow a suitable time frame of approximately five years to develop a long term CSO Management Strategy due to the enormous costs and complexities associated with any CSO mitigation plans.

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2.5 Tributary Small Streams

- That the City indicate that the use classifications for the small streams established by the Province are appropriate and not significantly impacted by City discharges, however, that the City suggests the use of the small streams be limited to secondary recreation within the City limits.

3.0 That the City of Winnipeg's Study on Surface Water Quality Objectives for the Red and Assiniboine Rivers be submitted to the Clean Environment Commission and to the Province of Manitoba Environment Department for their information and for filing in the Public Registry.

4.0 That public open houses be conducted in October, 1991, to inform the public of the findings of the river study and the City's position on key water quality issues.

5.0 That the historical perspective of the river(s) use be included as part of the City's position.

6.0 That the Proper Officers of the City do all things necessary to implement the foregoing.

Moved by Councillor Lorenc,
Adoption of the clause.

In amendment,

Moved by Councillor Duguid,
Seconded by Councillor Reese,
That Clause 11 of the Report of the Committee on Works and Operations, dated September 10th, 1991, be amended by adding the following recommendation in place of Recommendation 6.0:-
" - That the City request the C.E.C. to allow 1 year to develop a long term C.S.O. Management strategy and that the City aggressively research and pursue solutions to Combine Sewer Overflows;

- That the City continue its combined sewer separation program;

- That the three levels of government recognize their shared responsibility for the river systems of Winnipeg and that there be a partnership between the City, Provincial and Federal Governments in paying the cost of additional sewage treatment and combined sewer separation, and that the Official Delegation be instructed to bring this matter up with the Provincial and Federal Governments at the earliest opportunity."

And that the existing Recommendation 6.0 be renumbered 7.0.

Carried.

The motion for the adoption of the clause, as amended, was put and declared carried.

Water Quality Objectives for the
Red and Assiniboine Rivers.
Files ER-3, E-5.1.7 and WW-1

1272 - 12. The Province of Manitoba has advised the City that Clean Environment Commission hearings on the setting of Water Quality Objectives for the Red and Assiniboine Rivers will be convened in mid-November.

Your Committee on Works and Operations recommends that the Province of Manitoba be advised it is the City's position that, should it be determined that any additional treatment costs are required by the City of Winnipeg as a result of the Clean Environment Commission hearings, that any such costs be shared totally by the Province and the Federal Government.

Report of the Committee on Works and Operations, dated September 10th, 1991.

Moved by Councillor Lorenc,
Adoption of the clause.

In amendment,

Moved by Councillor Duguid,
Seconded by Councillor Reese,
That Clause 12 of the Report of the Committee on Works and Operations, dated September 10th, 1991, be filed, as this matter has been dealt with in Section 2.4 of Clause 11.

Carried.

CONSIDERATION OF REPORT OF THE

COMMITTEE ON WORKS AND OPERATIONS

The Executive Policy Committee has had before it Report "A" of the Committee on Works and Operations, dated September 10th, 1991, has concurred in the recommendations contained therein and submits same to Council for approval and adoption.

On motion of Councillor Lorenc, Report "A" of the Committee on Works and Operations, dated September 10th, 1991, was considered.

North Committee Room,
Council Building, Winnipeg.
September 10th, 1991.

His Worship the Mayor and Councillors:

Your Committee on Works and Operations submits the following Report "A" and recommends:

Kenaston Boulevard Soil Fill Site.
File FI-2.3(21)

1273 - 1. The Operations Department, Construction Branch, has been negotiating with the Railway for a site to place clean soil material on Railway property. The Railway is prepared to allow the City to place soil material during the period June 6th, 1991, to December 31st, 1991, provided conditions stipulated in their license are met. The conditions appear to be reasonable. The City has entered into similar agreements with the Railway in prior years to deposit fill on this site, and gates and culverts are already in place.

Approval is required for the appropriate officers of the City to sign the Railway's license, attached.

Your Committee on Works and Operations therefore recommends:-

1. That the City of Winnipeg enter into an agreement with the Canadian National Railway Company to allow the City of Winnipeg to dispose of surplus soil material on Railway property.

2. That the Proper Officers of the City do all things necessary to implement the foregoing, including the execution of the necessary document(s).

Moved by Councillor Lorenc,
Adoption of the clause.

Pursuant to the Municipal Council Conflict of Interest Act, Councillors Boychuk and Lazarenko advised that they would refrain from entering the discussion and from voting on the clause because of a potential conflict due to their employment association with the Canadian National Railway and left the Chamber.

The motion for the adoption of the clause was put and declared carried.

Councillors Boychuk and Lazarenko here returned to the Chamber.

COMMITTEE ON WORKS AND OPERATIONS

CONSIDERATION OF BY-LAWS

1274 - On motion of Councillor Lorenc, By-law No. 5766/91, a By-law of The City of Winnipeg to close part of the east/west public lane west of Osborne Street between Rosedale and Jubilee Avenues, was read a first time. File No. DAO 10/89.

Councillor Lorenc moved that this constitute the first reading of By-law No. 5766/91, which motion was carried.

On motion of Councillor Lorenc, the following By-laws were each read a second and third time and were passed and ordered to be signed and sealed, namely:

By-law No. 5732/91, a By-law of The City of Winnipeg to close part of east/west lane between Portage Avenue and Broadway Avenue, Inglenook Street and Cameron Street. File No. DAC 34/89.

By-law No. 5740/91, a By-law of The City of Winnipeg to close Vulcan Avenue between Brunswick Street and Gateway Road. File No. DAC 35/89.

On motion of Councillor Lorenc, the following By-laws were each read a first, second and third time, the rule being suspended for the third reading of each by-law, and were passed and ordered to be signed and sealed, namely:

By-law No. 5757/91, a By-law of The City of Winnipeg to open the north-west corner of St. Matthews Avenue and Empress Street. File No. DAO 23/89.

By-law No. 5758/91, a By-law of The City of Winnipeg to open/widen the south side of Ness Avenue between Queen Street and Century Street. File No. DAO 33/89.

By-law No. 5759/91, a By-law of The City of Winnipeg to open/widen the north-west corner of Cromwell Street and St. Mary's Road. File No. DAO 4/87.

By-law No. 5760/91, a By-law of The City of Winnipeg to open/widen Summit Road between Saskatchewan Avenue and Four Mile Road. File No. DAO 3/91.

By-law No. 5761/91, a By-law of The City of Winnipeg to amend By-law No. 820/74, being a by-law of the said City concerning the reservation of certain portions of streets for the purpose of parking vehicles and use of parking meters in connection therewith. File No. ST-2.

COMMITTEE ON WORKS AND OPERATIONS – CONSIDERATION OF BY-LAWS (continued)

On motion of Councillor Lorenc, the rule was suspended and By-law No. 5774/91, a By-law of The City of Winnipeg to open Peguis Street north of Regent Avenue West, was read a first, second and third time, the rule being suspended for third reading and was passed and ordered to be signed and sealed. File No. DAO 11/91.