

THE CITY OF TORONTO

Clerk's Department

Minutes of the Works and Utilities Committee

Wednesday, May 20, 1998

The Works and Utilities Committee met on Wednesday, May 20, 1998, in Committee Room A, 2nd Floor, Metro Hall, Toronto, commencing at 9:40 a.m.

Members Present:

Councillor Betty Disero, Chair
Councillor Gerry Altobello (afternoon only)
Councillor Lorenzo Berardinetti
Councillor Ila Bossons (afternoon only)
Councillor Sandra Bussin
Councillor Tom Jakobek
Councillor Jack Layton
Councillor Bill Saundercook
Councillor Sherene Shaw
Councillor David Shiner
Councillor Michael Walker

Regrets:

Mayor Mel Lastman

Also Present:

Councillor Mario Giansante
Councillor David Miller

Confirmation of Minutes.

On motion by Councillor Shiner, the Minutes of the meeting of the Works and Utilities Committee held on April 22, 1998, were confirmed.

78. Cleaning and Cement Mortar Relining of

**Existing Water Mains, Scarborough District -
Contract No. 17-98, Phase II.**

The Committee had before it a report (May 6, 1998) from the Commissioner of Works and Emergency Services recommending that:

- (1) Contract No. 17-98, for the cleaning and cement mortar relining of cast iron water mains in the Scarborough District, be awarded to Fer-Pal Construction Limited, for the Total Price of \$1,718,522.72 including the Goods and Services Tax; and
- (2) the appropriate City officials be authorized to take the necessary action to give effect thereto.

The Committee recommended to Council the adoption of the aforementioned report.

(Clause No. 3, Report No. 5)

**79. Cleaning and Cement Mortar Relining of
Existing Water Mains, Scarborough District -
Contract No. 18-98, Phase III.**

The Committee had before it a report (May 6, 1998) from the Commissioner of Works and Emergency Services recommending that:

- (1) Contract No. 18-98, for the cleaning and cement mortar relining of cast iron water mains in the Scarborough District, be awarded to Fer-Pal Construction Limited, for the Total Price of \$1,637,132.10 including the Goods and Services Tax; and
- (2) the appropriate City officials be authorized to take the necessary action to give effect thereto.

The Committee recommended to Council the adoption of the aforementioned report.

(Clause No. 4, Report No. 5)

80. Wastewater Treatment Agreement with

Region of Peel - Outstanding Claim.

The Committee had before it a report (May 4, 1998) from the Interim Functional Lead for Water and Wastewater respecting settlement of an outstanding claim with the Region of Peel for wastewater treatment services rendered since January 1976, for which billing was not instituted as the agreement with respect thereto was not executed; and recommending that staff be authorized to process payment to the Region of Peel in the amount of \$689,973.34 for the treatment of wastewater for the period from January 1, 1976, to December 31, 1997, the calculation being based on the estimated flows and applicable rates for each year.

The Committee recommended to Council the adoption of the aforementioned report.

(Clause No. 5, Report No. 5)

81. Forfeiture of Tender Deposit.

The Committee had before it a report (May 14, 1998) from the Interim Functional Lead for Water and Wastewater recommending that:

- (1) the City of Toronto Council reconfirm the decision that Cambridge Landscaping Inc. forfeit the \$62,597.00 tender deposit as a result of their inability to fulfill the terms of the contract which recommendation was embodied in Report No. 13 of the Administrative Committee as adopted by Scarborough Council on June 24, 1997; and
- (2) an appropriate staff representative from the Works and Emergency Services Department be directed to attend the Alternative Dispute Resolution Centre on June 25, 1998, at 2:00 p.m. and have full and final authority to settle the dispute, if so advised by the City Solicitor.

The Committee recommended to Council the adoption of the aforementioned report.

(Clause No. 8, Report No. 5)

**82. Industrial Waste Surcharge Agreement -
Canada Custom Slaughtering Inc.**

The Committee had before it a report (May 6, 1998) from the Commissioner of Works and Emergency Services recommending that staff be authorized to enter into an Industrial Waste

Surcharge Agreement with Canada Custom Slaughtering Inc., 2306 St. Clair Avenue West, under terms and conditions satisfactory to the City Solicitor and the Commissioner of Works and Emergency Services.

On motion by Councillor Shiner, the Committee deferred consideration of the aforementioned report until its next meeting, scheduled to be held on June 17, 1998, with a request that the Commissioner of Works and Emergency Services submit a report to such meeting on whether a clause can be inserted in Industrial Waste Surcharge Agreements to permit the City to request companies to suspend discharging overstrength effluents at particular times.

(Commissioner of Works and Emergency Services; c: Interim Functional Lead for Water and Wastewater - May 20, 1998)

(Clause No. 9(e), Report No. 5)

DEFERRED

83. Old Landfill Site Survey and Remediation Programs.

The Committee had before it a report (May 7, 1998) from the Interim Functional Lead for Solid Waste Management recommending that:

- (1) Council adopt a proactive approach to addressing the risks and issues associated with all old landfill sites across the City;
- (2) staff proceed to expand existing Metro and Scarborough programs by conducting initial site assessments and proceeding through to the development of remedial options and action plan reports for known or suspected old landfill sites in other Districts;
- (3) staff report back starting in 1999 on the risk evaluation and site status, and identify whether any remedial action needs to be accelerated and included in the capital program or funded from alternate sources; and
- (4) all technical and professional support required be supplied from within existing staff where possible, with outside consultants to be engaged to conduct non-intrusive investigations and report on risks.

Councillor Saundercook moved the adoption of the aforementioned report; and further that the Porter site in the York District be treated as a priority due to its proximity to a school.

Councillor Shiner moved that the Commissioner of Works and Emergency Services, in conjunction with other appropriate departments, be requested to submit a report to the Committee within three months with an interim list of old landfill sites.

Upon the question of the adoption of the foregoing motions, they were carried.

(Commissioner of Works and Emergency Services; c: Interim Functional Lead for Solid Waste Management - May 20, 1998)

(Clause No. 6, Report No. 5)

84. Status and Reconfirmation of Storm Water Group.

The Committee again had before it a revised communication (April 21, 1998) from Ms. Joyce McLean, City of Toronto Storm Water Group, respecting the background and status of the Storm Water Group, formed as an advisory group to the former City of Toronto in October 1996, pursuant to an Exemption Order issued by the Minister of Environment and Energy for the Western Beaches Storage Tunnel Environmental Assessment; and recommending that:

- (1) City Council adopt the Committee Report and its recommendations as previously adopted by Toronto City Council in the July 14, 1997 minutes;
- (2) City Council reinstate the Storm Water Group as the City's primary advisory Committee on storm water management with:
 - the appointment of one or more City Councillors as chair(s);
 - the reappointment of current members, and additional members to be considered to reflect the wider constituency of the new city; and
 - staff resources, including administration services, from Parks and Recreation, Works and Emergency Services, and Urban Development and Planning, to be allocated to the Committee; and
- (3) the Storm Water Group meet with and coordinate planning and information with the (former Metro) Wet Weather Master Planning process, and report back to the Works and Utilities Committee.

The Committee also had before it a report (May 5, 1998) from the Interim Functional Lead for Water and Wastewater recommending that:

- (1) the Storm Water Group, established by the former City of Toronto for the purpose of developing new and innovative methods of diverting storm water runoff from the sewer system, continue their work on an interim basis with the Terms of Reference as approved by the former Council of the City of Toronto and with current membership and staff support as required until the review process and rationalization of the existing Environmental Committees and Environmental Task Force have been completed; and
- (2) one or two City Councillors be appointed as interim Chair/Co-Chairs of the Storm Water Group.

The following persons appeared before the Committee in connection with the foregoing matter:

- Ms. Joyce McLean, City of Toronto Storm Water Group; and
- Councillor David Miller, High Park.

Councillor Layton moved that the Committee:

- (I) recommend to Council the adoption of:
 - (a) Recommendation No. (1) of the aforementioned report dated May 5, 1998, from the Interim Functional Lead for Water and Wastewater, viz:

“(1) the Storm Water Group, established by the former City of Toronto for the purpose of developing new and innovative methods of diverting storm water runoff from the sewer system, continue their work on an interim basis with the Terms of Reference as approved by the former Council of the City of Toronto and with current membership and staff support as required until the review process and rationalization of the existing Environmental Committees and Environmental Task Force have been completed;”

and further recommend to Council that the membership of the group be expanded to include representatives from elsewhere in the City, and that Members of Council be invited to suggest names of citizens who could participate; and

- (b) Recommendation No. (3) embodied in the communication dated April 21, 1998, from the City of Toronto Storm Water Group, viz:

“(3) the Storm Water Group meet with and coordinate planning and information with the (former Metro) Wet Weather Master Planning process and report back to the Works and Utilities Committee.”; and

- (II) recommend to the Striking Committee that Councillors Layton and Saundercook be appointed as the interim Co-Chairs of the Storm Water Group.

Councillor Shaw moved that the City Clerk be requested to provide clarification of the role of the Special Committee to Review the Final Report of the Toronto Transition Team and other Committees with respect to the appointments process.

Councillor Jakobek moved that the foregoing motion by Councillor Shaw be referred to the Strategic Policies and Priorities Committee.

Upon the question of the adoption of the foregoing motions by Councillors Layton and Jakobek, they were carried.

(Striking Committee; Strategic Policies and Priorities Committee; c: Councillor Jack Layton; Councillor Bill Saundercook; Councillor David Miller; Commissioner of Works and Emergency Services; Interim Functional Lead for Water and Wastewater; Ms. Joyce McLean - May 20, 1998)

(Clause No. 1, Report No. 5)

85. Tendering of Contract for Nine Hired Garbage Packers in Scarborough Community Council Area.

The Committee had before it a report (May 8, 1998) from the Interim Functional Lead for Solid Waste Management recommending that:

- (1) three of the nine garbage packers traditionally contracted in the former City of Scarborough be eliminated as a contracted service with the expiry of the current contract on June 30, 1998;

- (2) the contracted service for six garbage packers and associated staff be reported to the Bid Committee for award to the low bidder;
- (3) two surplus City-owned garbage packers be placed into service effective July 2, 1998, to be operated by members of CUPE Local 416 (368); and
- (4) dependent upon the approval of Recommendations Nos. (1) to (3), the nine trucks previously in service be reduced to eight.

Councillor Shiner moved that the sub-committee established to discuss with the Union a strategy for tendering bulk lift waste collection contracts be requested to include in its forthcoming report a process for facilitating bids by the Union on work that is being considered for contracting out.

Councillor Berardinetti moved the adoption of the aforementioned report.

Upon the question of the adoption of the foregoing motions, they were carried.

(Commissioner of Works and Emergency Services; Sub-Committee of Works and Utilities Committee; c: Interim Functional Lead for Solid Waste Management - May 20, 1998)

(Clause No. 7, Report No. 5)

86. Deep Lake Water Cooling Project.

The Committee again had before it a report (April 7, 1998) from the Interim Functional Lead for Water and Wastewater providing an update on the status of the Deep Lake Water Cooling Project; advising that the innovative project is expected to have environmental and economic benefits to the City; further advising that a pre-design study and Class Environmental Assessment is underway to allow public input and confirm project viability while maintaining the security and integrity of the water supply system; and recommending that this report be received for information.

The following persons appeared before the Committee in connection with the foregoing matter:

- Mr. Tony O'Donohue, President, Environmental Probe Ltd.;
- Mr. Greg Allen, Allen Kani & Associates, and submitted material with respect thereto;

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- Ms. Lois Corbett, Toronto Atmospheric Fund, and submitted material with respect thereto;
- Mr. Alex Bystrin, President and Chief Executive Officer, Toronto District Heating Corporation; and
- Mr. Todd Wilcox, Vice-President - Sales, Toronto Hydro, and General Manager, Northwind Toronto.

The Committee recessed at 10:55 a.m. to vacate the premises, having regard that a fire alarm was sounded in the building.

The Committee reconvened at 11:16 a.m.

Members Present:

Councillor Betty Disero, Chair
Councillor Lorenzo Berardinetti
Councillor Sandra Bussin
Councillor Tom Jakobek
Councillor Jack Layton
Councillor Sherene Shaw
Councillor David Shiner
Councillor Michael Walker

The Committee resumed its consideration of the matter of the Deep Lake Water Cooling Project.

Councillor Layton moved that:

- (1) the aforementioned report be received;
- (2) Councillor Dennis Fotinos, as Council's representative on the Toronto District Heating Corporation, and Councillor Jack Layton, as Council's representative on the Toronto Hydro-Electric Commission, be requested to report periodically to the Committee on the development and integration of the district cooling program within the new City, and that the aforementioned Councillors also consider strategies to involve the broader public; and
- (3) the Environmental Task Force be requested to develop options and recommendations which would phase out the use of the coal-fired facility at the Lakeview Generating Station to be replaced with sustainable energy strategies for the new City.

Councillor Shiner moved that the foregoing motion by Councillor Layton be amended to provide that the Environmental Task Force be requested to submit a report to the Committee on such options and recommendations.

Upon the question of the adoption of the foregoing motion by Councillor Shiner, in amendment to the foregoing motion by Councillor Layton, it was carried.

Upon the question of the adoption of the foregoing motion by Councillor Layton, as amended, it was carried.

(Environmental Task Force; Councillor Dennis Fotinos; Councillor Jack Layton; Commissioner of Works and Emergency Services; c: Interim Functional Lead for Water and Wastewater; Interested Parties - May 20, 1998)

(Clause No. 9(a), Report No. 5)

87. Ontario Clean Air Alliance.

The Committee had before it a communication (April 30, 1998) from Mr. Jack Gibbons, Chair, Ontario Clean Air Alliance, recommending that the City endorse the recommendation of the Ontario Clean Air Alliance that the Government of Ontario implement the following regulations with respect to all electricity generated or imported into Ontario:

- “(1) greenhouse gas emission caps which stabilize, at 1990 levels, the greenhouse gas emissions associated with the production or sale of electricity in Ontario by the year 2000, and reduce the greenhouse gas emissions associated with the production or sale of electricity in Ontario by more than 10 percent, relative to 1990 levels, by 2005;
- (2) sulphur dioxide emission caps which reduce the sulphur dioxide emissions associated with the production or sale of electricity in Ontario below 175 kilotonnes per year;
- (3) nitrogen oxide emission caps which reduce the nitrogen oxide emissions associated with the production or sale of electricity in Ontario below 38 kilotonnes per year; and
- (4) air toxic emission caps which reduce the air toxic emissions associated with the production or sale of electricity in Ontario;”

further recommending that the City join the Alliance; and forwarding a copy of the Alliance’s report entitled “Electricity Competition and Clean Air”.

The Committee also had before it a communication (December 23, 1997) from the former Metropolitan Clerk advising that the former Metropolitan Council at its meeting held on December 10 and 18, 1997, had before it a Motion by Councillor Layton, seconded by Councillor Chow, respecting the creation by the Government of Ontario of a competitive electricity market and endorsement of the recommendations of the Ontario Clean Air Alliance as outlined therein; and advising that Council referred the aforementioned Motion, together with a communication dated October 6, 1997, from the Chair, Ontario Clean Air Alliance, to the appropriate Standing Committee of the new City of Toronto Council, with a request that the Ontario Clean Air Alliance be invited to make a deputation to such Committee when this matter is considered.

Mr. Jack Gibbons, Chair, Ontario Clean Air Alliance, appeared before the Committee in connection with the foregoing matter.

On motion by Councillor Layton, the Committee endorsed, in principle, the recommendations embodied in the aforementioned communication from the Ontario Clean Air Alliance, and requested that the recommendations and membership be referred to the Commissioner of Works and Emergency Services for a report to the Committee, in a timely fashion, in conjunction with the report being prepared on anti-smog initiatives.

(Commissioner of Works and Emergency Services; Mr. Jack Gibbons;
c: Councillor Jack Layton - May 20, 1998)

(Clause No. 9(b), Report No. 5)

At this point in the proceedings, Councillor Shiner moved that the Committee now recess to meet privately to consider legal matters respecting the waste transport and disposal contract with the Browning-Ferris Industries Group of Companies, and the agreement with Consumers Gas for the use of abandoned gas mains for telecommunications purposes, in accordance with subsection 55(7) of the Municipal Act, which was carried.

The Committee recessed at 11:40 a.m. to meet in camera to consider the foregoing matters.

Members Present:

Councillor Betty Disero, Chair
Councillor Lorenzo Berardinetti
Councillor Sandra Bussin
Councillor Tom Jakobek
Councillor Jack Layton
Councillor Sherene Shaw
Councillor David Shiner
Councillor Michael Walker

The Committee reconvened in public session at 12:00 noon.

Members Present:

Councillor Betty Disero, Chair
Councillor Lorenzo Berardinetti
Councillor Sandra Bussin
Councillor Tom Jakobek
Councillor Jack Layton
Councillor Sherene Shaw
Councillor Michael Walker

**88. Legal Matter Respecting Waste Transport
and Disposal Contract with Browning-Ferris
Industries Group of Companies.**

The Committee again had before it a confidential report (March 18, 1998) from the City Solicitor respecting the waste transport and disposal contract with the Browning-Ferris Industries (BFI) group of companies.

On motion by Councillor Berardinetti, the Committee received the
aforementioned confidential report.

(Clause No. 9(d), Report No. 5)

**89. Use of Abandoned (Decommissioned) Gas Mains
for Telecommunications Purposes -**

Agreement with Consumers Gas.

The Committee had before it a communication (April 21, 1998) from the City Clerk advising that City Council, at its meeting held on April 16, 1998, had before it Clause No. 11 of Report No. 3 of The Works and Utilities Committee, headed "Use of Abandoned (Decommissioned) Gas Mains for Telecommunications Purposes - Agreement with Consumers Gas", wherein it recommended the adoption of a report dated March 11, 1998, from the Commissioner of Works and Emergency Services which recommended that:

- (1) City Council authorize the entering into of an agreement with The Consumers Gas Company Limited (and/or other parties as may be necessary) to permit the refurbishment and use of abandoned (decommissioned) gas mains within public road allowances for the purposes of a conduit structure for fibre optic cable, with such agreement generally containing the terms and conditions set out in this report, and such other terms and conditions as may be required by the City Solicitor, in consultation with the Commissioner of Works and Emergency Services;
- (2) the City Solicitor be authorized to prepare and introduce in Council a by-law to authorize the entering into and execution of this agreement; and
- (3) the appropriate City officials be authorized and directed to take the necessary action to give effect to the foregoing;

and further advising that Council directed that the aforementioned Clause be struck out and referred back to the Works and Utilities Committee, with a request that the Commissioner of Works and Emergency Services submit a further report to the Committee outlining a comprehensive policy for the use of public rights-of-way for the development of a telecommunications infrastructure network.

The Committee also had before it a report (May 14, 1998) from the Commissioner of Works and Emergency Services responding to the request from City Council for a report outlining a comprehensive policy for the use of public rights-of-way for the development of a telecommunications infrastructure network; and recommending that Clause No. 11 of Report No. 3 of The Works and Utilities Committee, recommending that the City enter into an agreement with Consumers Gas Company Limited to permit the refurbishment and use of abandoned (decommissioned) gas mains within public road allowances as a conduit structure, be approved.

On motion by Councillor Walker, on behalf of Councillor Shiner, the Committee:

- (1) again recommended to Council the adoption of the aforementioned report dated March 11, 1998, from the Commissioner of Works and Emergency Services; and

- (2) requested that where there is no existing agreement in place, the Commissioner of Works and Emergency Services be requested to submit a report to the Committee on any requests by cable companies to install new equipment prior to approval, and on an overall plan for such installations.

(Commissioner of Works and Emergency Services - May 20, 1998)

(Clause No. 2, Report No. 5)

The Committee recessed at 12:05 p.m. for lunch.

The Committee reconvened at 2:05 p.m.

Members Present:

Councillor Betty Disero, Chair
Councillor Gerry Altobello
Councillor Lorenzo Berardinetti
Councillor Ila Bossons
Councillor Sandra Bussin
Councillor Tom Jakobek
Councillor Jack Layton
Councillor Bill Saundercook
Councillor Sherene Shaw
Councillor David Shiner
Councillor Michael Walker

90. Beneficial Use of Main Treatment Plant's Processed Biosolids and Termination of Incineration.

The Committee again had before it a communication (March 12, 1998) from the City Clerk forwarding for information and any attention deemed necessary, Clause No. 1 contained in Report No. 2 of The Works and Utilities Committee, headed "Beneficial Use of Biosolids; Odour Containment and Termination of Incineration at Main Treatment Plant", which was adopted, as amended, by the Council of the City of Toronto at its meeting held on March 4, 5 and 6, 1998, wherein City Council amended this Clause, in part, by striking out and referring Recommendation No. (1) of the Works and Utilities Committee back to the Committee for further consideration and resubmission to the next regular meeting of Council to be held on Thursday, April 16, 1998, viz.:

- “(1) incineration at the Main Treatment Plant be stopped no later than January 1, 1999, and that the Interim Functional Lead for Water/Wastewater Operations be requested to report to the next meeting of the Committee, scheduled to be held on March 25, 1998, on the feasibility of such date;”.

The Committee also again had before it a report (March 16, 1998) from the Commissioner of Works and Emergency Services providing information on the feasibility of initiating 100 percent beneficial reuse of biosolids processed at the Main Treatment Plant (MTP) by January 1, 1999, as recommended by the Committee at its meeting on February 11, 1998, and outlining the related plan of action; advising that a start date of January 1, 1999, for 100 percent beneficial reuse of the MTP processed biosolids is possible but not recommended, and that the total net cost to achieve this start date could reach up to \$25,000,000.00 over a three-year period, in addition to the presently undetermined cost to design and install a permanent beneficial biosolids reuse management system; further advising that such a biosolids reuse program should be implemented in stages based on the long-term plan outlined in Clause No. 1 of Report No. 2 of The Works and Utilities Committee from its meeting on February 11, 1998, which included a workshop in the spring of 1998, the preparation of a draft strategy document in the summer of 1998, and investigation of further demonstration projects through an initial Expression of Interest and finally through a Request for Proposals, with confirmation of the Terms of Reference and recommendations to be brought to Council for approval in early 1999; and recommending continuation of a staged biosolids beneficial reuse program presently being developed, which has as its goal full beneficial implementation by the year 2005, as stated in the approved MTP Environmental Assessment document.

The Committee also had before it a report (April 6, 1998) from the Commissioner of Works and Emergency Services respecting the status of the beneficial utilization of the Main Treatment Plant's processed biosolids, as requested by the Committee at its meeting held on February 11, 1998; advising that the contract with Terratec Environmental Inc. for utilization of biosolids for agricultural use over a five-year period starting in mid-1997 is progressing satisfactorily and as planned, with the contractor continuing to store the dewatered sludge in his expanded storage facility for removal during the summer months, and that the company utilizes up to 17,0090 dry tonnes per year of the MTP biosolids; further advising that the other contract with Harbour Remediation & Transfer Inc., for the alkaline stabilization of 10,000 dry tonnes per year of biosolids at their 97 Commissioners Street facility and utilization of the end product for mine tailing remediation, is presently on hold due to the odour problem encountered in 1997; noting that the odour problem is now being addressed and is expected to be resolved by the end of November 1998, when the contractor should resume its processing of the MTP biosolids; and recommending that this report be received for information.

The Committee also had before it a report (April 7, 1998) from the Commissioner of Works and Emergency Services respecting measures being taken to ensure that odours are monitored and reduced, as requested by the Committee at its meeting on February 11, 1998,

and reviewing the history and operational information related to the biosolids loading building at the Main Treatment Plant; and recommending that this report be received for information.

The Committee also had before it a report (May 15, 1998) from the Commissioner of Works and Emergency Services recommending that:

- (1) the Works and Utilities Committee endorse the preliminary three-year Water Pollution Control capital works budget, within the five-year capital works plan to be initiated in late summer or early fall 1998, in order to provide the necessary capital resources to provide capital funding through the municipal water rate, for the 100 percent biosolids beneficial reuse program and the ceasing of incineration at the Main Treatment Plant;

and further recommending that authority be given to the Commissioner of Works and Emergency Services to:

- (2) request proposals for the direct land application of up to 26,000 tonnes per year of biosolids from the Main Treatment Plant, over a five-year duration, with a program start date no later than 24 months following the contract(s) award, the request for proposals to require suppliers to identify winter storage needs and associated costs;
- (3) expand the Harbour Remediation & Transfer Inc. contract, subject to successful demonstration of their plant's operating capability related to odour control;
- (4) request proposals for back-up capacity at landfills currently licensed to receive and dispose of sewage sludge in order to avoid the need to use incineration as a back-up method;
- (5) bring forward a recommendation to the Works and Utilities Committee for the award of a design/build contract for a permanent truck loading facility capable of handling 53,000 dry tonnes of biosolids per year at the Main Treatment Plant, to allow shipping of the plant's total biosolids production (in sludge cake form) within 24 months following the contract award;
- (6) bring forward a recommendation to the Works and Utilities Committee for the award of a design/build contract for an odour control facility at the Main Treatment Plant, that is operational within 24 months of the contract award;
- (7) bring forward a recommendation to the Works and Utilities Committee for the award of a design/build contract for a thermal drying facility at the Main Treatment Plant, sized to process up to 10,000 dry tonnes per year, and to award a five-year contract for the marketing of the production of the thermal drying facility;

- (8) report on the associated business cases to replace the heat previously provided through incineration of sewage sludge through: (i) construction of a stand-alone boiler design and installation program; (ii) construction of co-generation facilities; (iii) participation in a co-operative district heating and electrical generation proposal with community partners that will meet the facility's heating requirements; and (iv) fire the existing incinerators with digester gas and/or natural gas to provide heat to the waste heat boilers;
- (9) retain a consultant(s), satisfactory to the Commissioner of Works and Emergency Services and the Chief Administrative Officer, to prepare the necessary Terms of Reference for Request for Proposals and design/build contracts listed above in Recommendations Nos. (2), (4), (5), (6), and (7), including the evaluation of Request for Proposals and design/build contract submissions, and to prepare business cases for the four options for the Main Treatment Plant's heating requirements, identified above in Recommendation No. (8), at a cost not to exceed \$300,000.00 net after GST rebate;
- (10) establish the Biosolids Multi-Stakeholder Committee to facilitate ongoing involvement of citizens and other stakeholders in the development of a 100 percent biosolids beneficial reuse program, to be chaired by an external public participation practitioner, at a cost not to exceed \$50,000.00 net after GST rebate;
- (11) retain a consulting firm, satisfactory to the Commissioner of Works and Emergency Services and the Chief Administrative Officer in consultation with representatives of the Biosolids Multi-Stakeholder Committee, to provide peer review of the 100 percent biosolids beneficial reuse implementation program, at a cost not to exceed \$100,000.00 net after GST rebate; and
- (12) the appropriate officials be authorized to give effect thereto.

The Committee also had before it the following communications:

- (i) (April 6, 1998) from the Co-Chairs, Main Treatment Plant Neighbourhood Liaison Committee, advising that the Main Treatment Plant Neighbourhood Liaison Committee met on March 26, 1998; and expressing the Committee's full support for the implementation of the most expeditious plan possible to achieve 100 percent beneficial reuse of biosolids from the Main Treatment Plant, ending incineration;
- (ii) (April 17, 1998) from Mr. Colin Lambert, National Director, Health & Safety Branch, Canadian Union of Public Employees, respecting the termination of incineration of sewage sludge at the Main Treatment Plant; and requesting the Committee to consider two main factors in its deliberations on this issue: firstly, that the Committee must be absolutely certain that the sewage sludge is not a hazardous waste; and secondly, that once the City's sewage is of sufficient quantity and can be

considered for beneficial use, the Committee insist that the management of sewage sludge must be carried out by the public sector;

- (iii) (April 20, 1998 and May 20, 1998) from Ms. Karey Shinn, Chair, Safe Sewage Committee, submitting the following draft motion:

“That Toronto Council, as the proponent of the Main Treatment Plant Environmental Assessment, submitted to the Ministry of the Environment in December 1997, under the old Metropolitan Council, submit the following amendment to the Main Treatment Plant Environmental Assessment:

‘That plans to implement the ‘preferred alternative’ of 100 percent beneficial reuse of biosolids be understood to not request approval for replacement of existing incinerators with state-of-the-art equipment, either as a ‘contingency’ or for the day-to-day disposal of sludges at the Main Treatment Plant.’”;

- (iv) (April 21, 1998) from Ms. Margaret Blair, Lakeside Area Neighbourhoods Association, requesting that the Committee and Council adopt a 100 percent beneficial use plan which does not involve incineration, and the striking of a multi-stakeholder committee; and recommending as a long-term measure that staff be retrained in the latest technology for beneficial uses;
- (v) (May 13, 1998) from Mr. Denis Casey, Acting President, Canadian Union of Public Employees Local 79, forwarding a submission by Mr. Jim Chisholm, Chair, Environment Committee, CUPE Local 79, and CUPE Local 79 Works Best Practices Program Coordinator, entitled “Precaution is Needed for Sewage Sludge Applications to Agricultural Land”;
- (vi) (May 19, 1998) from Dr. Stephen Connell, Toronto, Ontario, forwarding material with respect to the implementation of a 100 percent biosolids beneficial reuse program, including an article entitled “Use of Reclaimed Water and Sludge in Food Crop Production”;
- (vii) (May 19, 1998) from Dr. Stephen Connell, Toronto, Ontario, raising questions with respect to the implementation of a 100 percent biosolids beneficial reuse program at the Main Treatment Plant; and requesting that written answers be given to his questions;
- (viii) (May 20, 1998) from Mr. Jody P. Amblard, President, Associated Industrial Controls Ltd., recommending that the Committee entertain proposals for the independent funding of a thermal drying facility by means of a project financing structure; and

- (ix) (May 20, 1998) from Ms. Karen Buck, Co-Chair, Main Treatment Plant Neighbourhood Liaison Committee, submitting the comments and concerns of the Main Treatment Plant Neighbourhood Liaison Committee with respect to the report dated May 15, 1998, from the Commissioner of Works and Emergency Services.

The following persons gave a presentation to the Committee in connection with the foregoing matter, and filed a copy of such presentations:

- Mr. Lawson Oates, Manager, EA Co-ordination, Works and Emergency Services;
- Mr. Dick Kuchenrither, Black & Veatch; and
- Mr. R.M. Pickett, Director, Water Pollution Control Division, Works and Emergency Services.

The following persons also gave presentations to the Committee in response to the invitation of the Committee at its meeting on March 25, 1998:

- Mr. Len Yust, Consultant, and submitted material with respect thereto;
- Mr. Phil Sidhwa, President and Chief Executive Officer, Terratec Environmental Ltd., and submitted material with respect thereto;
- Mr. Peter T. Commerford, Manager, Dryer Systems, Andritz-Ruthner, Inc.;
- Mr. R. Laird Smith, Senior Vice President, Engineering Services, Philip Utilities Management Corporation, and Mr. Lyle Brenzil, Braemar Acres, and submitted material with respect thereto;
- Mr. Grant Mills, Vice President - Technology, and Mr. Ray Wallin, President, N-Viro Systems Canada Inc., and submitted material with respect thereto;
- Mr. Don Hoekstra, Prism Resource Management Limited;
- Mr. Ed Kroeker, Marketing Director, Thermo Tech Technologies Inc., and submitted material with respect thereto;
- Ms. Virginia Grace, New England Fertilizer Company, and submitted material with respect thereto; and
- Mr. Daniel Boulanger, Vice President, Sales and Marketing, Berlie Technologies Inc., and submitted material with respect thereto.

The following persons also appeared before the Committee in connection with the foregoing matter:

- Dr. Stephen Connell, Toronto, Ontario;
- Ms. Elizabeth Borek, Lakeside Area Neighbourhoods Association (LANA), and filed a submission with respect thereto; and
- Ms. Debra Kyles, Kleinburg, Ontario, and filed a submission with respect thereto.

Councillor Layton moved that:

- (1) the aforementioned report dated May 15, 1998, be referred back to the Commissioner of Works and Emergency Services for revision in light of submissions and comments presented at the Committee;
- (2) the report be revised to include optional recommendations for a one-year and a two-year phase-out of incineration;
- (3) the results of equipment testing at the Harbour Remediation & Transfer Inc. site be presented at the next meeting of the Committee;
- (4) the Biosolids Multi-Stakeholder Committee referred to in Recommendation No. (10) of the aforementioned report be developed in consultation with the Ward Councillors for the area and the Chair of the Works and Utilities Committee, for consideration by the Committee at its next meeting;
- (5) the installation of digesters be reassessed in light of alternative strategies for biosolids management, and that a cost/benefit analysis be conducted in this regard;
- (6) a solids train audit be conducted as recommended by Mr. Len Yust in his deputation, and that the Commissioner of Works and Emergency Services be requested to report further to the Committee on the implementation of such an audit;
- (7) funding to be provided in the amount of \$400,000.00 for the retention of consultants or staff respecting the preparation of a Request for Proposals for the direct land application of biosolids from the Main Treatment Plant, and to provide peer review of the 100 percent biosolids beneficial reuse implementation program, as recommended in Recommendations Nos. (9) and (11) of the aforementioned report dated May 15, 1998, from the Commissioner of Works and Emergency Services, be recommended to the Budget Committee;
- (8) the consultant to provide peer review for the Biosolids Multi-Stakeholder Committee be selected to the satisfaction of the Committee as well as the Commissioner of Works and Emergency Services and the Chief Administrative Officer;
- (9) the Commissioner of Works and Emergency Services be requested to submit a report to the Committee on the following motion submitted by Ms. Karey Shinn, Chair, Safe Sewage Committee:

“That Toronto Council, as the proponent of the Main Treatment Plant Environmental Assessment, submitted to the Ministry of the Environment in December 1997, under the old Metropolitan Council, submit the following amendment to the Main Treatment Plant Environmental Assessment:

‘That plans to implement the ‘preferred alternative’ of 100 percent beneficial reuse of biosolids be understood to not request approval for replacement of existing incinerators with state-of-the-art equipment, either as a ‘contingency’ or for the day-to-day disposal of sludges at the Main Treatment Plant.’”; and

- (10) all communications and submissions be referred to the Commissioner of Works and Emergency Services for consideration and report thereon to the Committee.

Councillor Bussin moved that the Commissioner of Works and Emergency Services be requested to submit a report to the Committee on :

- (1) a cost/benefit analysis of odour containment on a long and short-term basis for the settlement tanks at the Main Treatment Plant;
- (2) discussions with Consumers Gas respecting the matter of boiler capacity; and
- (3) the utilization of the Humber and Highland Creek Treatment Plants.

Councillor Layton, on behalf of Councillor Bossons, moved that the Commissioner of Works and Emergency Services be requested to provide to the Committee the additional information requested by Councillor Bossons and submitted in writing by her.

Councillor Jakobek moved that the foregoing motion by Councillor Layton be amended to provide that the aforementioned report dated May 15, 1998, be referred back to the Commissioner of Works and Emergency Services with the following directions:

- (1) that the Commissioner of Works and Emergency Services be requested to submit a report to the next meeting of the Committee on

expanded/new biosolids facilities at the Main and Humber Treatment Plants;

- (2) that the Commissioner of Works and Emergency Services report on the timing of a proposal call for such facilities this summer; and
- (3) that the proposal call include a one-to-two-year maximum build-out for the full operation of 100 percent beneficial use of biosolids.

Upon the question of the adoption of the foregoing motions, they were carried.

The following is the action therefore taken by the Committee:

The Committee:

- (1) referred the report dated May 15, 1998, back to the Commissioner of Works and Emergency Services for revision in light of submissions and comments presented at the Committee, with the following directions:
 - (i) that the report be revised to include optional recommendations for a one-year and a two-year phase-out of incineration;
 - (ii) that the Commissioner of Works and Emergency Services be requested to report to the Committee at its next meeting, scheduled to be held on June 17, 1998, on:
 - (a) expanded/new biosolids facilities at the Main and Humber Treatment Plants;
 - (b) the timing of a proposal call for such facilities this summer;
 - (c) including in the proposal call a one-to-two-year maximum build-out for the full operation of 100 percent beneficial use of biosolids;
 - (d) a cost/benefit analysis of odour containment on a long and short-term basis for the settlement tanks at the Main Treatment Plant;

- (e) discussions with Consumers Gas respecting the matter of boiler capacity; and
 - (f) the utilization of the Humber and Highland Creek Treatment Plants;
- (iii) that the results of equipment testing at the Harbour Remediation & Transfer Inc. site be presented at the next meeting of the Committee;
 - (iv) that the Biosolids Multi-Stakeholder Committee referred to in Recommendation No. (10) of the aforementioned report be developed in consultation with the Ward Councillors for the area and the Chair of the Works and Utilities Committee, for consideration by the Committee at its next meeting;
 - (v) that the installation of digesters be reassessed in light of alternative strategies for biosolids management, and that a cost/benefit analysis be conducted in this regard;
 - (vi) that a solids train audit be conducted as recommended by Mr. Len Yust in his deputation, and that the Commissioner of Works and Emergency Services be requested to report further to the Committee on the implementation of such an audit;
 - (vii) that the consultant to provide peer review for the Biosolids Multi-Stakeholder Committee be selected to the satisfaction of the Committee as well as the Commissioner of Works and Emergency Services and the Chief Administrative Officer; and
 - (viii) that the Commissioner of Works and Emergency Services be requested to provide to the Committee the additional information requested by Councillor Bossons;
- (2) recommended to the Budget Committee that funding be provided in the amount of \$400,000.00 for the retention of consultants or staff respecting the preparation of a Request for Proposals for the direct land application of biosolids from the Main Treatment Plant, and to provide peer review of the 100 percent biosolids beneficial reuse implementation program, as recommended in Recommendations Nos. (9) and (11) of the aforementioned report;

- (3) further requested the Commissioner of Works and Emergency Services to submit a report to the Committee on the following motion submitted by Ms. Karey Shinn, Chair, Safe Sewage Committee:

“That Toronto Council, as the proponent of the Main Treatment Plant Environmental Assessment, submitted to the Ministry of the Environment in December 1997, under the old Metropolitan Council, submit the following amendment to the Main Treatment Plant Environmental Assessment:

‘That plans to implement the ‘preferred alternative’ of 100 percent beneficial reuse of biosolids be understood to not request approval for replacement of existing incinerators with state-of-the-art equipment, either as a ‘contingency’ or for the day-to-day disposal of sludges at the Main Treatment Plant.’”; and

- (4) referred all communications and submissions to the Commissioner of Works and Emergency Services for consideration and report thereon to the Committee.

(Commissioner of Works and Emergency Services; Budget Committee; c: Interim Functional Lead for Water and Wastewater; Interested Parties - May 20, 1998)

(Clause No. 9(c), Report No. 5)

The Committee adjourned its meeting at 6:20 p.m.

Works and Utilities Committee Minutes
Wednesday, May 20, 1998

Chair.