753 - Appendix "A" referred to in Clause 3 of the Report of the Committee on Works and Operations dated April 7, 1995

Consultant Recommendations:

The recommendations from ADL, based upon the three task program as described above, are provided in the report Executive Summaries attached as Appendix 1 and 2. The administration recommendations provided earlier in this report are based upon the advice provided by the consultant.

A summary of the recommendations are provided as follows:

1. Regulatory

   ADL considers the existing limits set in Licences #1188 and #1190, which are based on the provincial air quality guideline, to be too stringent and to be not accurately measurable. It is recommended that the existing limits (and the provincial guideline) be replaced by a nuisance based type of regulation such as the San Francisco Air Quality Management District Regulation 7. Preliminary discussions with provincial officials on this issue have been promising in that they have agreed to accept the recommendations of the report as a basis for licence review.

2. Odour Monitoring

   ADL has recommended the continuation and enhancement of the existing City odour monitoring program.

3. Process Control

   ADL has recommended that several current process practises, such as pre-oxidation with chlorine at the NEWPCC, be continued to minimize the production of odours. They have also recommended increased operational vigilance to decrease the risk of the release of fugitive odours.

4. Mitigative Controls

   Based on the results of the odour audits conducted at the NEWPCC and the SEWPCC, community odour surveys, the recommended regulatory process and a comprehensive conceptual review of odour control technologies, ADL has recommended a program for mitigative control for the plants. The proposed measures and costs in 1994 dollars are shown in the following table:

Appendix "A" referred to in Clause 3 of the Report of the Committee on Works and Operations dated April 7, 1995 (continued)

PROPOSED MITIGATIVE WORKS			
Location	Proposed Control	Estimated Capital Cost	Estimated Annual O+M Cost
NEWPCC Dewatering Building	Wet Scrubbing	$650,000.00	$105,000.00
NEWPCC Grit Building	Oxidation and Ventilation	$380,000.00	$105,000.00
SEWPCC Sludge Handling Area	Wet Scrubbing	$700,000.00	$55,000.00

It is further recommended that pilot testing of proposed control technology and further odour control investigation be carried out prior to design and construction of the mitigation works at an estimated cost of $0.32M. Provision has been made in the 1995 Capital Estimates and the proposed Five Year Program for the recommended mitigative plan. The mitigation plan should not be undertaken until the regulatory phase of the process has been confirmed with Manitoba Environment.

5. Development

ADL has indicated that consideration may be given to development within the current development control line around the SEWPCC if the recommended controls are installed and their effectiveness is confirmed. However, because there would still exist a risk of uncontrolled odour releases from the plant it is recommended that caveats be registered against lots within the zone advising of the presence of the SEWPCC and the possibility of such odour releases occurring. The Law Department has reviewed this proposal and has indicated that the registering of caveats could be included as a condition of development during the normal development approval process but that this undertaking would not obviate the responsibility of the City to "minimize the impact of odour emissions" under Plan Winnipeg. It is recommended that the control zone around the NEWPCC be handled in the same fashion.

754 - Appendix "A" referred to in Clause 5 of the Report of the Committee on Works and Operations dated April 7, 1995

LOCAL IMPROVEMENT PROJECTS REQUIRING APPROVAL TO BE INCLUDED IN THE 1995 BUDGET

CLASS OF WORK	DISTRICT AND LOCATION	DOLLAR VALUE
	WEST CENTRAL DISTRICT	
LANE LIGHTING	On all lanes in the block bounded by Elgin Avenue West and William Avenue West, Keewatin Street and Juba Street	$2,000.00
	NORTH WEST DISTRICT	
WASTE WATER SEWER	In Benn Avenue from Main Street to Shirley Street	$111,000.00
WATERMAIN	In Benn Avenue from Main Street to Shirley Street	$78,000.00
WATERMAIN	In Radford Street from Aberdeen Avenue to College Avenue	$90,000.00
WATERMAIN	In McKenzie Street from Machray Avenue to Polson Avenue	$140,000.00
	SOUTH EAST DISTRICT	
LANE OILING	On the first North-South lane East of rue St. Jean Baptiste including both lane outlets to rue St. Jean Baptiste between Provencher Boulevard and Avenue De La Cathedrale	$4,000.00
LANE OILING	On the first North-South lane East of Tache Avenue from Highfield Street to and including lane outlet to Tache Avenue North of Highfield Street	$3,000.00
LANE OILING	On the first North-South lane West of Claremont Avenue from Coniston Street to the first East-West lane North of Lyndale Avenue	$3,000.00
LANE OILING	On the first East-West South of Guay Avenue from rue Youville to 525 feet East of rue Youville	$3,000.00
LANE OILING	On the first North-South lane East of Killarney Street from Kingston Row to Elmpark Road	$1,000.00
LANE OILING	On the first North-South lane West of St. Andrew Road from Fermor Avenue to the first East-West lane North of Hull Avenue	$3,000.00
LANE OILING	On the first East-West lane South of Hull Avenue from St. George Road to St. David Road	$3,000.00
LANE OILING	On all lanes in the block bounded by Lennox Avenue and Fernwood Avenue, St. David Road and St. Mary's Road	$3,000.00
LANE OILING	On the first East-West lane North of Poplarwood Avenue from the first North-South lane West of St. Anne's Road to St. Andrew Road	$2,000.00
LANE OILING	On the first North-South lane West of St. Mary's Road from Maralbo Avenue to the south limit	$1,000.00
	SOUTH WEST DISTRICT	
WASTE WATER SEWER	Wilkes Avenue from the east line of the C.P.R. LaRiviere Subdivision R.O.W. to a point approximately 850 feet west of the west line of Lanark Street	$150,000.00
	TOTAL 1995 BUDGET	$597,000.00
	NORTH WEST DISTRICT	
ORNAMENTAL LANE	In the lane bounded by Penny Lane, Jefferson Avenue, Mandalay Crescent, Olford Drive and Carr Close	$25,000.00
ORNAMENTAL LANE	On the lane bounded by Jefferson Avenue, Backman Bay, Anglia Street, Mandalay Drive, Argate Drive	$30,000.00
	TOTAL 1994 BUDGET	$55,000.00