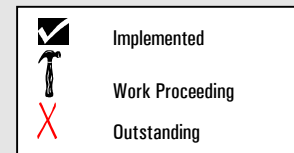
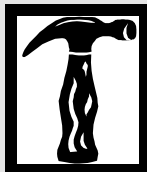


# Implementation of Environmental Plan Recommendations

## Measuring and Reporting Progress

### RECOMMENDATION No. 59



#### Develop Indicators to Measure Sustainability and the Health of the Environment

Recommended that the City develop a set of performance indicators to measure environmental, economic and social health. These should:

- a) be developed by a Monitoring Subcommittee of the Toronto Inter-Departmental Environmental Team (TIE) with the Sustainability Roundtable;
- b) use the indicators identified in this Plan and those used in 1998 Metro Toronto State of the Environmental Update Report as starting points and develop additional indicators to fill data gaps;
- c) incorporate best practices from other jurisdictions;
- d) involve the community and stakeholders in the indicator selection process; and
- e) be updated regularly to keep indicators relevant to environment changes, technological improvements and community concerns.

ETF Target (2000): No ETF Target.

Overall Indicator: N/A.

## Measuring and Reporting Progress

### 59. Develop Indicators to Measure Sustainability and the Health of the Environment

#### RECOMMENDATION STATUS: Work Proceeding.

- 59a) The Sustainability Roundtable, through its Measurement Workgroup, undertook the development of a series of 26 indicators and their measures that address quality of life as it relates to the integration of social, economic and environmental perspectives.
- 59b) In developing the indicators and their measures, the Sustainability Roundtable reviewed the indicators identified in the Environmental Plan, those used in the 1998 Metro Toronto State of the Environment Update Report. In addition the Roundtable reviewed other models including FCM's Quality of Life indicators, work done by Seattle entitled "Sustainable Seattle", and the UN Urban Indicators Review.
- 59c) As noted in 59b) the Roundtable reviewed a number of work on indicators undertaken by others in the process of developing their indicators.
- 59d) The Sustainability Roundtable was comprised of City staff and members of the community and stakeholders.

Description of Project/Program/Action	Linkage	Project Indicator	Targets				Status	Dept/Div Contact	
			Base Year	2003	Achieved in 2003	2004			End
<p>Advise on the adequacy of air quality indicators and monitors progress towards air quality improvement.</p> <p><b>Greenfleet Transition Plan</b> The Green Fleet Transition Plan (2004) proposes to use equivalent Carbon Dioxide (eCO<sub>2</sub>) to quantitatively measure its progress in reducing emissions. The eCO<sub>2</sub> indicator is used in the Kyoto Protocol – the International Strategy to combat climate change.</p>		Actual eCO <sub>2</sub> reduction /year of the Plan	2005				10-15 million kilograms of eCO <sub>2</sub> reduction from 2005-2007	<p>Proceeding</p> <p>Proceeding in 2005</p>	<p>WES-TS/ES</p> <p>CS-FS</p>
Undertake a feasibility study for the development of an Environmental Geographic Information System for the City. Report completed June 2002.								Complete	CNS-TPH

## Measuring and Reporting Progress

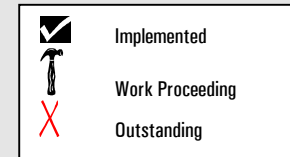
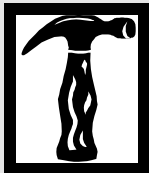
### 59. Develop Indicators to Measure Sustainability and the Health of the Environment

Description of Project/Program/Action	Linkage	Project Indicator	Targets					Status	Dept/Div Contact
			Base Year	2003	Achieved in 2003	2004	End		
<p><b>Toronto Environmental Database</b> This initiative involves data collection and the development of indicators for information sharing and measurement assessment.</p> <p>The Sustainability Roundtable's Measurements workgroup developed a set of sustainability indicators, whose purpose was to advance Council's Strategic Plan. The SRT has developed a draft charter on sustainability to inform indicator development. The Sustainability Roundtable has completed its work program.</p>								<p>Program Suspended.</p> <p>WES-TS/ES</p> <p>Complete</p> <p>CAO City Depts</p>	

# Implementation of Environmental Plan Recommendations

## Measuring and Reporting Progress

### RECOMMENDATION No. 60



Develop an Environmental Management System for the City

Recommended that the City develop an Environmental Management System for the corporation. This system should:

- a) establish overall environmental policies;
- b) use the priorities outlined in this Plan as a starting point;
- c) to be used to evaluate corporate-wide implementation of environmental policies;
- d) include mechanisms to ensure employee buy-in, such as training and reward components;
- e) consider the establishment of workplace Environmental Committees so that workers and management can work together to identify and address workplace-related environmental issues; and
- f) include annual environmental audits by an internal auditor (as described in recommendation 55) to measure the environmental performance of the Corporation.

**ETF Target (2000):** Establish at least one workplace Environment Committee (initially on a pilot basis) to address workplace related environmental issues by the end of 2000.

## Measuring and Reporting Progress

### 60. Develop an Environmental Management System for the City

Overall Indicator: N/A.

**RECOMMENDATION STATUS: Work Proceeding.**

Description of Project/Program/Action	Linkage	Project Indicator	Targets				Status	Dept/Div Contact	
			Base Year	2003	Achieved in 2003	2004			End
Environmental Services established a committee in October 2000, consisting of WES Operating Division Directors, to exchange information on environmental and current projects being undertaken by Environmental Services.								Proceeding	WES-TS/ES
Environmental Services is responding, on behalf of the Chief Administrative Officer and the Commissioner of Works and Emergency Services, to review the costs and benefits of implementing an Environmental Management System in the City of Toronto, taking into account the experiences of other Canadian municipalities and the Works and Emergency Services Department's current pilot project, and report to the Policy and Finance Committee by October 2004 as requested by the Environment Issues and Audit Plan Report dated May 30, 2002.								Proceeding	WES-TS/ES
In March 2004, Environmental Services staff conducted an ISO 14001 gap analysis at Castlefield Yard (Transportation Services) to determine what work would need to be done to meet the ISO 14001 standard. The gap analysis report is currently under review to determine next steps.								Proceeding	WES-TS/ES WES-Trans

## Measuring and Reporting Progress

### 60. Develop an Environmental Management System for the City

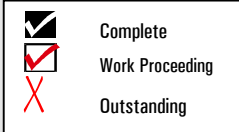
Description of Project/Program/Action	Linkage	Project Indicator	Targets					Status	Dept/Div Contact
			Base Year	2003	Achieved in 2003	2004	End		
<p>Environmental Services staff in conjunction with Facilities &amp; Real Estate are currently undertaking an ISO 14001 gap analysis of the Toronto City Hall building.</p> <p><b>Elements of ISO 14001 at Central Garage (843 Eastern Ave.)</b>            CS-FS in consultation with WES-TS/ES completed a gap analysis of garage operations in 2004. Work is currently underway using existing resources in Fleet Services and Environmental Services to implement four priority elements of ISO 14001 at the Central Garage. The elements focus on reducing environmental impacts of operations, identifying staff environmental responsibilities, and improving regulatory compliance and emergency response plans.</p>							<p>Proceeding</p> <p>Proceeding</p>	<p>WES-TS/ES CS-FRE</p> <p>CS-FS with WES-TS/ES</p>	
<p>Work commenced in Jan. 2002 on developing an ISO 14001 Environmental Management System at the Ingram Transfer Station. Project was suspended, as funding required was not supported for the year 2003. To date approximately 60% of the EMS documentation has been developed. Significant environmental impacts and all associated regulations have been identified and documented, and improvements have been made to the emergency response plan. In addition, there has been a consolidation of written operating procedures, which are not only environmentally relevant, but also useful in succession planning.</p> <p><b>Integrated Environmental Decision-making Process (IED) Report</b>            A report was prepared on the USEPA/SAB risk management model. This is an example of a risk assessment process that could be used by the City of Toronto. Report was completed July 2001.</p>							<p>Project Suspended</p> <p>Complete</p>	<p>WES-SWM WES-TS/ES</p> <p>WES-TS/ES</p>	

# Implementation of Environmental Plan Recommendations

## Measuring and Reporting Progress



### RECOMMENDATION No. 61



#### Report on Sustainability Progress and Environmental Conditions

Recommended that the City report regularly to Council, residents, agencies and the media on the progress being made to achieve sustainability and improve environmental conditions. It should:

- a) produce a State of the City Report every three years that reviews the natural, social and economic environment;
- b) issue a State of the Environment Report every three years beginning in 2003, that includes a section written by a third party representing the environmental community;
- c) report to the Sustainability Roundtable every three years, starting in 2001, on Sustainable Transportation Progress;
- d) report on the implementation of the Environmental Plan annually beginning in 2001 with a "State of Sustainability Report" that includes a section written by a third party representing the environmental, social equity and economy sectors; and
- e) update the Environmental Plan every six years beginning in 2006.

ETF Target (2000): No ETF Target.

Overall Indicator: N/A.

## Measuring and Reporting Progress

### 61. Report on Sustainability Progress and Environmental Conditions

**RECOMMENDATION STATUS: Outstanding.**

Description of Project/Program/Action	Linkage	Project Indicator	Targets				Status	Dept/Div Contact
			Base Year	2003	Achieved in 2003	2004		
Participate in environmental/sustainability reporting by compiling environmental health information such as air quality reports to the Board of Health, and annual input to the City's Children's Health Report Card.	Recommendation 2: Community Right-to-know						Proceeding	CNS-TPH
TPH reports yearly on overall health trends and key issues for Public Health, It reports on recent trends in health and its determinants including environmental, economic and social.							Proceeding	CNS-TPH
<p><b>Green Fleet Transition Plan</b></p> <p>The Green Fleet Transition Plan (2004) proposes to report annually on its progress to Administration Committee. Further, that the reporting methods be harmonized with the methods being developed at TIE. In addition, CS-FS will develop a registry of pollutants reduced on its internet site.</p>		eCO <sub>2</sub> reduction (tonnes) / year	2005				10-15 million kilograms of eCO <sub>2</sub> reduction between 2005 - 2007	Proceeding

## Measuring and Reporting Progress

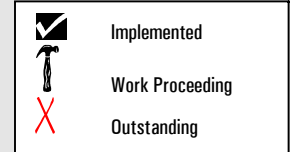
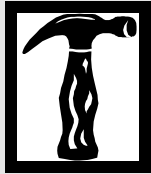
### 61. Report on Sustainability Progress and Environmental Conditions

Description of Project/Program/Action	Linkage	Project Indicator	Targets				Status	Dept/Div Contact	
			Base Year	2003	Achieved in 2003	2004			End
<p><b>Quickstart #1 TPP</b> - That the Chief Administrative Officer and the Commissioner of Works and Emergency Services, as co-chairs of the Toronto Inter-departmental Environmental (TIE) Team, be requested to coordinate responses to the actions listed below and described in this report and provide a monthly status chart to the Environmental Task Force commencing in January, 1999.</p> <p>Status Report No. 1 completed Jan. 28, 1999. Final Status Report No. 7 completed Feb. 2003.</p> <p>Sustainability Roundtable Annual Status reports were released in May 2001, June 2002, and July 2003. The Strategic Plan, sectoral and departmental plans, and sustainability indicators will inform a State of Sustainability Report. The SRT report recommending sustainability indicators and a possible format for reporting was submitted to the July 10, 2003, P&amp;F Committee meeting.</p>							Complete	TIE CAO	
								Complete	CAO City Departments

# Implementation of Environmental Plan Recommendations

## Measuring and Reporting Progress

### RECOMMENDATION No. 62



#### Coordinate Monitoring, Evaluation and Reporting Activities

Recommended that TIE and the Sustainability Roundtable, in consultation with City Departments, coordinate the monitoring, evaluation and reporting activities outlined in this Plan.

ETF Target (2000): No ETF Target.

Overall Indicator: N/A.

## Measuring and Reporting Progress

### 62. Coordinate Monitoring, Evaluation, and Reporting Activities

**RECOMMENDATION STATUS: Work Proceeding.**

Description of Project/Program/Action	Linkage	Project Indicator	Targets					Status	Dept/Div Contact
			Base Year	2003	Achieved in 2003	2004	End		
Preparation of August 28, 2003 Report from the CAO to the September 11, 2003 Policy and Finance Committee entitled "Environmental Plan Status Report".								Complete	TIE
Preparation of September 30, 2004 Report from the CAO to the October 14, 2004 Policy and Finance Committee entitled "2004 Status Report – Implementation of the Environmental Plan Recommendations".								Complete	TIE