



**For Action  
with Confidential Attachment**

## **TTC Environmental Aspect Management**

**Date:** July 10, 2018  
**To:** Audit & Risk Management Committee  
**From:** Chief Safety Officer

### **Reason for Confidential Information**

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This report contains advice or communications that are subject to solicitor-client privilege, including communications necessary for that purpose.

### **Summary**

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TTC's Safety, Health and Environmental Policy seeks to minimize the impact of its operations on the environment. Applicable Federal, Provincial and Municipal legislation all impact how the TTC operates to ensure that we are not adversely impacting the natural environment.

In 2015, the TTC initiated formal environmental legal compliance audits to assess compliance for a number of environmental aspects. Based on the audit findings, steps are taken to address any recommendations which may include replacing aging equipment and infrastructure and establishing corporate programs. An overview of the environmental aspects is provided in Attachment 1 - TTC Environmental Aspect Work Plan. TTC will continue to complete environmental legal compliance audits and address the associated audit findings as required.

In order to better manage these environmental aspects, TTC is updating its Corporate Environmental Plan in Q4 2018. The Corporate Environmental Plan will establish the framework necessary to help focus TTC's environmental management efforts.

In addition to focusing on compliance with environmental legislation, the Corporate Environmental Plan will include Sustainability and Climate Change initiatives (e.g. energy conservation and greenhouse gas emission reduction projects). Supplemental resources are required to accommodate such initiatives and are currently subject to the budget approval process.

### **Recommendations**

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It is recommended that the Audit and Risk Management Committee:

1. Receive this report for information; and

2. Authorize that the information provided in the Confidential Attachment remain confidential in its entirety, as it contains information which is subject to solicitor-client privilege.

## **Financial Summary**

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This report has no financial impact at present. A number of environmental initiatives are currently funded through capital and operating budgets. Additional funding may be required after the completion of future environmental audits and/or the Corporate Environmental Plan. Any future funding requirements will be submitted for the Commission's consideration as part of a future budget process.

The Chief Financial Officer has reviewed this report and agrees with the financial summary information.

## **Equity/Accessibility Matters**

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The updated Corporate Environmental Plan will continue to improve environmental sustainability and quality as a public transit provider for the City of Toronto.

## **Contact**

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## **Signature**

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John O'Grady  
Chief Safety Officer

## **Attachments**

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Confidential Attachment 1 – TTC Environmental Aspect Work Plan

**2018-2019 Environmental Aspect Work Plan**

Environmental Aspect	Issue	Background	Actions/Deliverables	Timeline		Priority	Owner	Interdependent Department(s)
				Start	End			
Vehicle Emissions	Legislative Requirement Employee Health & Safety Concerns Corporate Liability (Fines, Legal Action) Reputational Risk Operational Impact Environmental Damage	In 2017, TTC and MOECC agreed upon a Voluntary Abatement Protocol for Bus Emissions. TTC is actively identifying and repairing buses with excessive smoke emissions. Bus Idling Study completed in 2017 provided recommendations regarding implementing an Anti-Idling Procedure.	Submit quarterly reports to MOECC regarding excessive bus emissions in accordance with Voluntary Abatement Protocol	Q1 2017	past 2019	High	S&E	Bus Mtnc, Bus Trans
			Develop and implement Corporate Anti-Idling Procedure	Q4 2017	Q2 2019	High	S&E	Bus Mtnc, Bus Trans, Plant, Streetcar Way, Subway Trans, SI, M&P,
Spills	Legislative Requirement Employee Health & Safety Concerns Corporate Liability (Fines, Legal Action) Reputational Risk Environmental Damage Operational Impact	Original spill procedure from the 1990's was updated into a Corporate Program which was developed and implemented in 2013. Program includes spill prevention and response and reporting requirements.	Develop a detailed Spill Contingency Plan specific to each facility	Q2 2018	past 2019	High	S&E	Bus Mtnc, Bus Trans, Plant, Streetcar Way, Subway Trans, SI, M&P,
Environmental Reporting	Legislative Requirement	Annual reporting of subject air pollutants to ECCC (NPRI) and City of Toronto (ChemTRAC)	Annual reporting of subject air pollutants to ECCC (NPRI) and City of Toronto (ChemTRAC)	Q1 2018	past 2019	Low	S&E	none
Government Agency Inspections	Legislative Requirement Corporate Liability (Fines, Legal Action) Reputational Risk Operational Impact	MOECC and Toronto Water frequently conduct facility inspections. Inspectors have the powers under their statutes and bylaws to issue Notice of Violations or orders and to shut down operations.	Accompany inspector during inspection and provide information/documentation as requested. Complete action items listed in Inspection Report.	Q1 2018	past 2019	High	S&E	All departments

Next Steps	Actions/Deliverables	Timeline	
		Start	End
Environmental Plan	External legal review of TTC Environmental Management System	Q1 2018	Q2 2018
	Complete Environmental Aspect Audit	Q3 2018	past 2019
	Update the Corporate Environmental Plan	Q3 2018	Q4 2019
	Implement the Corporate Environmental Plan	Q1 2019	past 2019
Report to ARMC	Update the ARMC on TTC Environmental Aspect Management	Q2 2018	past 2019