

CLUB COFFEE L.P.

#65 Carrier Drive, Rexdale, Ontario M9W 5V9

Toxics Reduction Act Public Report 2019 Particulate Matter ≤ 10 microns Particulate Matter ≤ 2.5 microns

Toxics Reduction Act and Ontario Regulation 455/09

July 31st, 2020



**BREWING
THE GOOD
IN COFFEE**

**POLICY STATEMENT:
SUSTAINABILITY AND CORPORATE SOCIAL RESPONSIBILITY**

Club Coffee recognizes that innovation, environmental sustainability and corporate social responsibility are relevant to every choice we make as a business. This policy recognizes that, as a co-manufacturer, other brands and retailers trust us to produce the coffees, teas and other beverages they sell to their consumers. Being alert to environmental sustainability and corporate social responsibility is about more than doing business better – it enables us to generate market-shaping

new products, to make process improvements and to draw on the skills and commitment of our employees in order to generate benefits for all our stakeholders while promoting a sustainable future for our planet.

Our approach to environmental sustainability and corporate social responsibility supports our many partners as they deliver on their own commitments in those areas, just as it influences our own actions.

Club Coffee Vision Statement on Sustainability and Corporate Social Responsibility

Club Coffee's motto is that "We innovate, we partner, we deliver. . . with passion". Sustainability and corporate social responsibility are part of that commitment:

- As recognized product innovators, we help our customers by generating more environmentally sustainable choices that consumers want.
- Improving the sustainability of our business and operational processes offer a wide range of environmental and financial benefits.
- A sustainability mindset reinforces the kind of working environment and relationships with communities and stakeholders that we strive for.

OUR COMMITMENTS

To implement this policy, Club Coffee plans, tracks and reports results under the three commitments indicated in the Vision Statement:

PRODUCTS	PEOPLE	PROCESSES
<ul style="list-style-type: none"> • Our product and packaging innovations are designed to meet consumer demand, addressing environmental concerns and reducing food waste. 	<ul style="list-style-type: none"> • Our initiatives are focused on improving our workplace, supporting the community and strengthening collaboration with key partners and stakeholders on shared corporate social responsibility and sustainability goals, as well as Club Coffee employee engagement. 	<ul style="list-style-type: none"> • Our operations are conducted in compliance with all applicable environmental laws and regulations. • Continuous improvement efforts are focused on waste reduction and energy efficiency.

Toxics Reduction Act Public Report 2019

Version 2 (updated from ver. 1 with newer policy statement)
As required under the Toxics Reduction Act & Ontario Regulation 455/09

Toxics Reduction Act Summary for Club Coffee L.P.

TRA substances;

Particulate Matter 10 microns and less (PM10) (CAS# - NA-M09), and

Particulate Matter 2.5 microns and less (PM2.5) (CAS# - NA-M10).

Club Coffee L.P. (Club Coffee), located in Rexdale, Ontario, produces roasted coffee for human consumption. The main facility activities include roasting, grinding, packaging, shipping, receiving, and warehousing. Other activities include flavouring and maintenance. Natural gas combustion that is required to produce freshly roasted coffee from raw bean and the roasting of the bean itself creates air contaminants and is the sources of prescribed toxic substances; Particulate Matter 10 microns and less (TRA Phase 2), and Particulate Matter 2.5 microns and less (TRA Phase 2).

As part of the production process, coffee roasters utilize gas fired burners that roast the coffee beans at high temperature. The resulting flue emissions are passed through an afterburner at each machine that burns off particulate matter and flue gases. The roaster burner, its ignition system, controls and the afterburner are all inspected as part of planned maintenance (internal maintenance procedures) to determine the efficiency and condition of the units. Any remedial work required as a result of these inspections is scheduled and carried out as a priority in-line with our commitment to environmental controls.

Protection of the environment is an important consideration in Club Coffee's workplace activities and is consistent with the overall goals of the company. Compliance with all regulatory requirements is the minimum level of standard for Club Coffee. Environmental protection is a key management responsibility, as well as the responsibility of every employee with the company. Club Coffee will continue to conduct research to identify any viable reduction options and to keep up with industry standards with regards to pollution prevention.

There were no incidents out of the normal course of events at the facility during the previous calendar year.

Facility Information

Facility Name: Club Coffee L.P. – Rexdale (Club Coffee)

Location: 65 Carrier Drive, Rexdale, Ontario M9W 5V9

Two Digit NAICS Code: 31

Four Digit NAICS Code: 3119

Six Digit NAICS Code: 311920

Number of Full-time Employees: ~ 160

UTM Spatial Coordinates: (NAD83-Zone17) 611938 mE: 4843683 mN (front entrance)

Public Contact

Name: Wing Torres, Environment, Health & Safety Manager

Address: 65 Carrier Dr., Rexdale, Ontario M9W 5V9

Phone Number: (416) 675-1300 ext. 2690 Fax Number: (416) 675-7598

E-mail: wtorres@clubcoffee.ca

Operator name

Name: Club Coffee L.P.

Address: 65 Carrier Dr., Rexdale, Ontario M9W 5V9

Phone Number: (416) 675-1300 Fax Number: (416) 675-7598

Toxic Substances for Which Facility Must Prepare Plan:

Substance 1: Particulate Matter; ≤ 10 microns (PM₁₀) CAS Number: NA-M09

Substance 2: Particulate Matter; ≤ 2.5 microns (PM_{2.5}) CAS Number: NA-M10

- have common quantifications

Statement of Intent

The facility does not use the toxic substances and therefore has no intent to reduce the use of the toxic substances. The substances are created in coffee roasting and natural gas use. Club Coffee intends to continue to strive to increase energy efficiency while providing products of the highest quality. The facility maximizes efficiency in the requirements for manufacturing and no options were found for implementation. Therefore, there is no intent to reduce the creation or air release of the toxic substances.

Objective of the Plan

The plan found no options for implementation and therefore has no final objective.

Target & Timeline

Club Coffee is unable to reduce the creation or air release of the toxic substances and therefore has no targets or timelines for the Plan.

Description of Toxic Substance Use

The toxic substances; Particulate Matter 10 microns and less (PM₁₀), and Particulate Matter 2.5 microns and less (PM_{2.5}) are released to air through the combustion of natural gas and operation of the coffee roasters.

Club Coffee operates a series of natural gas burners which produce heat to be utilized in the coffee roasting. The exhaust produced from in the bean roasting and combustion of natural gas at these burners is treated through afterburners to reduce emissions. Creation of the emissions released to the atmosphere is the source of the toxic substances PM₁₀ and PM_{2.5}. During the Roasting Process natural gas is combusted for heat energy to fire the roasters and it is also utilized for comfort heating (ancillary use), creating and releasing Particulate Matter 10 and 2.5 to air.

TRA Summary Table

Club Coffee, Rexdale - TRA Substance Public Accounting 2019

Substance	CAS #	Used tonnes	Created tonnes	Released tonnes	Recycled tonnes	Disposed tonnes	Contained in Product tonnes
2018							
Particulate Matter PM10	NA-09	-	1 - 10	1 - 10	-	-	-
Particulate Matter PM2.5	NA-10	-	1 - 10	1 - 10	-	-	-
2019							
Particulate Matter PM10	NA-09	-	1 - 10	1 - 10	-	-	-
Particulate Matter PM2.5	NA-10	-	1 - 10	1 - 10	-	-	-
Change							
Particulate Matter PM10	NA-09	-	0.144	0.144	-	-	-
Particulate Matter PM2.5	NA-10	-	0.139	0.139	-	-	-
Percent Change							
Particulate Matter PM10	NA-09	-	13%	13%	-	-	-
Particulate Matter PM2.5	NA-10	-	13%	13%	-	-	-

The Plan objectives, targets and timelines have not been affected in the reporting year as there were no reduction options for implementation. There was no change in the method or combination of methods used to track and quantify the toxic substances during the previous calendar year. There were no incidents out of the normal course of events, nor were there any significant process changes at the facility during the previous calendar year.

These Toxic Substance Reduction Plan Summaries accurately reflect the Plans they summarize.

Certification for Toxics Reduction Act Public Report 2019

Certification by Highest Ranking Employee

As of July 31st, 2020, I Ross Bell, certify that I have read the Toxics Reduction Act Public Report 2019, dated July 31st, 2020, for the toxic substances referred to below and am familiar with its contents, and to my knowledge the report is factually correct and it complies with the Toxic Reduction Act, 2009 and Ontario Regulation 455/09 made under the Act..

Toxic substances - Particulate Matter; \leq 10 microns [PM10 - CAS Number: NA-M09]
Particulate Matter; \leq 2.5 microns [PM2.5 - CAS Number: NA-M10]



Ross Bell



Date

Senior VP of Operations, Club Coffee L.P. (Highest Ranking Employee)