

Busy College Campus Saves Money and Reduces Drain Blockages

Mac & Co. Services Solve and Prevent Waste Water Issues

About Loyalist College

Loyalist College in Belleville, Ontario is a growing post-secondary institution with over 3,000 full-time students. Loyalist has a busy culinary kitchen, club area and cafeteria frequented by students and the general public.



The Problem

Having a busy college campus bustling with students and members of the public, Loyalist College experienced some issues with keeping their kitchen grease traps clean and functioning properly. Prior to working with Mac & Co. Loyalist relied on the traditional and reactive method of pumping fats, oils and grease out of their traps when issues arose. Pumping was a costly treatment that would temporarily address the flow problem; however, it would not prevent the grease traps from becoming clogged in the future.

The Solution

The Mac & Co. service professionals proposed a new solution that would reduce costs and prevent clogging while being environmentally friendly. The Mac & Co. treatment and maintenance package reduces or eliminates blockages by using safe microbial formulations that begin consuming fat, oil and grease instantly upon contact with food source.

This monthly maintenance package treats three service traps in the main school section, and includes:

- ❑ Installation or top up of all treatments.
- ❑ Inspection of all grease traps and drain lines being treated.
- ❑ Maintenance of all equipment provided and in use.
- ❑ Opening and skimming grease traps if required.
- ❑ Follow up with maintenance staff to ensure everything is working properly.
- ❑ Detailed service reporting.

The Result

Loyalist College has saved 40% (\$3,600) annually by partnering with Mac & Co. to treat and service three traps in the main school section.

By reducing the amount of waste flowing into city sewers, Loyalist College can avoid costly sewer surcharge fines or environmental fines. Due to the savings and service level Mac & Co. provides, Loyalist chose to expand the service package to include five grease traps and drain lines, odour control in the restrooms and residences facilities, and additional services and products for the college.

Loyalist College also experiences the added benefit of knowing the solution does not harm the environment in any way. Mac & Co. leverage aerobic bacteria strains that eat and digest fats, oils and grease and leave a byproduct of water and carbon dioxide. This treatment package does not use chemicals, free enzymes or emulsifiers. The Mac & Co. approach also reduces or eliminates the need for pumping, which typically requires pumped material to be driven long distances to treatment plants where it may be treated using environmentally harmful processes.

In addition, Loyalist has been able to avoid running a pump truck hose through their facilities. Such a process is unsanitary and could cause an inconvenient shutdown of their busy facilities.

Loyalist College has enjoyed a business relationship with Mac & Co. for several years now, and feels the employees of Mac & Co. have proven to be diligent and professional in carrying out their services.



Reactive vs. Proactive: A Cost Comparison

The Result



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Before: Reactive Method

Cost Components	Unit Cost	Quantity per Month	Monthly Total	Annual Total
Pumping of 3 traps monthly	\$750	1	\$750	\$9,000

After: Proactive Method with Mac & Co.

Cost Components	Unit Cost	Quantity per Month	Monthly Total	Annual Total
Mac & Co. treatment and maintenance package	\$450	1	\$450	\$5,400
		SAVINGS	\$300	\$3,600

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"Mac & Co. has been responsible for service and maintenance of the sanitary drain systems in our busy kitchen areas and a number of washroom facilities on a continuing basis. Loyalist College has in excess of 3000 full-time students enrolled at the Belleville Campus, combined with the daily number of visits from the general public; one may well imagine the extent of use that these facilities are subjected to every day. The employees of Mac & Co. have always kept the best interests of the College in mind while carrying out their services, and I would personally recommend their services to anyone who is considering contracting out this type of service."

Grant Brummell
Supervisor / Facilities Services
Loyalist College

Our proactive waste water treatment programs reduce or eliminate the need for costly hydrojetting, pumping and harsh chemicals use. Let us customize an all-inclusive package that will meet your waste water treatment requirements.

Contact us today for a free consultation.

Mac & Co.

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