



● CEMENT/CONCRETE

Concrete Plant Boiler Success Story Calgary, Canada

HydroFLOW® enable Rolling Mix Concrete reduce chemical dosing, protect boiler equipment and support long-term sustainability goals.

6+ yrs

Protected Operation



Chemical Demand

2x

Boiler Installations

2017

Operational Support Since

⇒ BEFORE & AFTER

● BEFORE

- ✗ Scale and biofouling affected boilers
- ✗ Chemical dosing was regularly required
- ✗ Equipment protection was limited

● AFTER

- ✓ Boiler equipment remained protected
- ✓ Chemical dosing requirements reduced
- ✓ Sustainability goals supported

🏭 OVERVIEW

Rolling Mix Concrete LLP in Calgary, Canada sought a sustainable solution to protect boiler equipment from scale and biofouling while reducing chemical dosing requirements. After learning about Hydropath treatment in 2017, the company installed a *HydroFLOW®* I-120 unit at its North location. Following positive operational results, a second *HydroFLOW®* I-120 unit was installed three months later at the main Railway Street facility to support long-term equipment protection and sustainability goals.

⚠️ CHALLENGE

Scale and biofouling created operational and sustainability challenges for boiler systems.

- Boiler equipment required ongoing protection
- Scale buildup affected boiler efficiency
- Biofouling affected operational reliability
- Chemical dosing conflicted with sustainability goals

SOLUTION

Units were installed across Rolling Mix Concrete facilities to minimise scale, chemical dosing and biofouling.

UNIT INSTALLED

2x **HydroFLOW® I-120**

APPLICATION

Concrete plant boiler systems

INSTALLATION START

Spring 2017

INSTALLATION LOCATIONS

North and Railway Street facilities

RESULTS

Equipment Protected

Boiler equipment remained protected long term

Chemical Use Reduced

Chemical dosing requirements were reduced

Sustainability Supported

The project supported sustainability goals

Positive Results Proven

A second installation followed successful operation

Scale Minimised

Scale buildup across boiler systems was reduced

Biofouling Controlled

The systems remained protected for over 6 years

TESTIMONIAL

"For the past 6+ years, we have benefited from the HydroFLOW® solution protecting our equipment, reducing chemical dosing and supporting our sustainability initiatives."

— Gregory Heath, VP Production & Technology

KEY TAKEAWAY

Summary

Rolling Mix Concrete installed *HydroFLOW® I-120* units across its Calgary boiler facilities after seeking a sustainable alternative to chemical water treatment. Since 2017, the systems have helped minimise scale and biofouling while reducing chemical dosing requirements and supporting long-term boiler protection.

6+ yrs

PROTECTED OPERATION



CHEMICAL DEMAND

2017

OPERATIONAL SUPPORT SINCE

HYDROPATH 

Ready to reduce boiler maintenance?

Get a free consultation for your facility.

✉ sales@hydropath.com ☎ +44 (0)115 986 9966 🌐 hydropath.com

✓ ISO 14001:2015

✓ ISO 9001:2015

✓ GREENPRO

✓ SOLAR IMPULSE