



ONTARIO WATER CONSORTIUM

LE CONSORTIUM POUR L'EAU DE L'ONTARIO

A PLATFORM FOR RESEARCH,
DEVELOPMENT, TESTING &
DEMONSTRATION OF WATER
TECHNOLOGIES AND SERVICES



OVERVIEW OF LONDON FACILITY

FOR RESEARCH AND DEMONSTRATION OF WASTEWATER TECHNOLOGIES



Unique supply infrastructure associated with OWC's London Wastewater Facility

- Facility located within the City of London Greenway Wastewater Treatment Plant
- Total facility footprint ≈ 3770 ft² of high bay space
- Four (4) indoor privately partitioned, configurable testing bays (between 624-785 ft² per bay), two (2) of which are NFPA 20 classified
- Testing 24 hours per day, 7 days per week – no limit on the duration
- On-site parking
- Remote controlled pump(s)
- Winter heating and summer ventilation
- Effluent flow rate of 0.16 MGD (US) to 1.2 MGD (US) for indoor testing bays
- Effluent streams available include:
 - Raw wastewater
 - Primary influent (after screening)
 - Primary effluent
 - Secondary Effluent (not disinfected)
 - Mixed liquor from solids contact tanks
 - Centrate from sludge dewatering
 - › Primary sludge
 - › Waste activated sludge
 - › Thickened waste activated sludge
- Technical knowledge and support from associated researchers
- Built in partnership with Western University and the City of London

Each indoor station equipped with:

- Access to all wastewater streams listed above
- Dedicated power connections: 120V; 600V, 60A, 3-Phase
- Potable water connection (1" supply line)

Additional services available:

- Technical assistance/ trouble-shooting
- Access to analytical and other related capacity through OWC



London's Greenway Wastewater Treatment Plant