

Section 2.2. Objectives

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- 1) The objectives of this By-law are as follows (See Note A-2.2.1.1.(1).):

OS Safety

An objective of this By-law is to limit the probability that, as a result of the design or installation of the *plumbing system*, a person in or adjacent to the building or facility will be exposed to an unacceptable risk of injury.

OS1 Fire Safety

An objective of this By-law is to limit the probability that, as a result of the design or installation of the *plumbing system*, a person in or adjacent to the *building* or facility will be exposed to an unacceptable risk of injury due to fire. The risks of injury due to fire addressed in this By-law are those caused by –

OS1.1 – fire or explosion occurring

OS1.4 – fire safety systems failing to function as expected

OS2 Structural Safety

An objective of this By-law is to limit the probability that, as a result of the design or installation of the *plumbing system*, a person in or adjacent to the *building* will be exposed to an unacceptable risk of injury due to structural failure. The risks of injury due to structural failure addressed in this By-law are those caused by –

OS2.1 – loads bearing on the building elements that exceed their load-bearing capacity

OS3 Safety in Use

An objective of this By-law is to limit the probability that, as a result of the design or installation of the *plumbing system*, a person in or adjacent to the *building* or facility will be exposed to an unacceptable risk of injury due to hazards. The risks of injury due to hazards addressed in this By-law are those caused by –

OS3.1 – tripping, slipping, falling, contact, drowning or collision

OS3.2 – contact with hot surfaces or substances

OS3.4 – exposure to hazardous substances

OH Health

An objective of this By-law is to limit the probability that, as a result of the design or installation of the *plumbing system*, a person will be exposed to an unacceptable risk of illness.

OH1 Indoor Conditions

An objective of this By-law is to limit the probability that, as a result of the design or installation of the *plumbing system*, a person in the *building* or facility will be exposed to an unacceptable risk of illness due to indoor conditions. The risks of illness due to indoor conditions addressed in this By-law are those caused by –

OH1.1 – inadequate indoor air quality

OH2 Sanitation

An objective of this By-law is to limit the probability that, as a result of the design or installation of the *plumbing system*, a person in the *building* or facility will be exposed to an unacceptable risk of illness due to unsanitary conditions. The risks of illness due to unsanitary conditions addressed in this By-law are those caused by –

OH2.1 – exposure to human or domestic waste

OH2.2 – consumption of contaminated water

OH2.3 – inadequate facilities for personal hygiene

OH2.4 – contact with contaminated surfaces

OH5 Hazardous Substances Containment

An objective of this By-law is to limit the probability that, as a result of the design or installation of the *plumbing system*, the public will be exposed to an unacceptable risk of illness due to the release of hazardous substances from the *building* or facility.

OP Protection of the Building or Facility from Water and Sewage Damage**OP5 Protection of the Building or Facility from Water and Sewage Damage**

An objective of this By-law is to limit the probability that, as a result of the design or installation of the *plumbing system*, the *building* or facility will be exposed to an unacceptable risk of damage due to the leakage of service water or *sewage*.

OE Environment

An objective of this By-law is to limit the probability that, as a result of the design, construction or renovation of the *building* or of the *plumbing system*, the environment will be affected in an unacceptable manner.

OE1 Energy Efficiency and Water Use

An objective of this By-law is to limit the probability that, as a result of the design construction or renovation of the *building*, the use of energy will be inefficient or the use of water will be excessive. The risks of inefficient energy use or excessive water use addressed in this By-law are those caused by –

OE1.2 – excessive use of water by plumbing *fixtures* and *water distribution systems*