

2024

# HKCSI & Part 8 Annual Report

FEBRUARY 3, 2025

Cycle 3  
Year 2



# Agenda



Part 8 Review



HKCSI Annual Report



Program Value

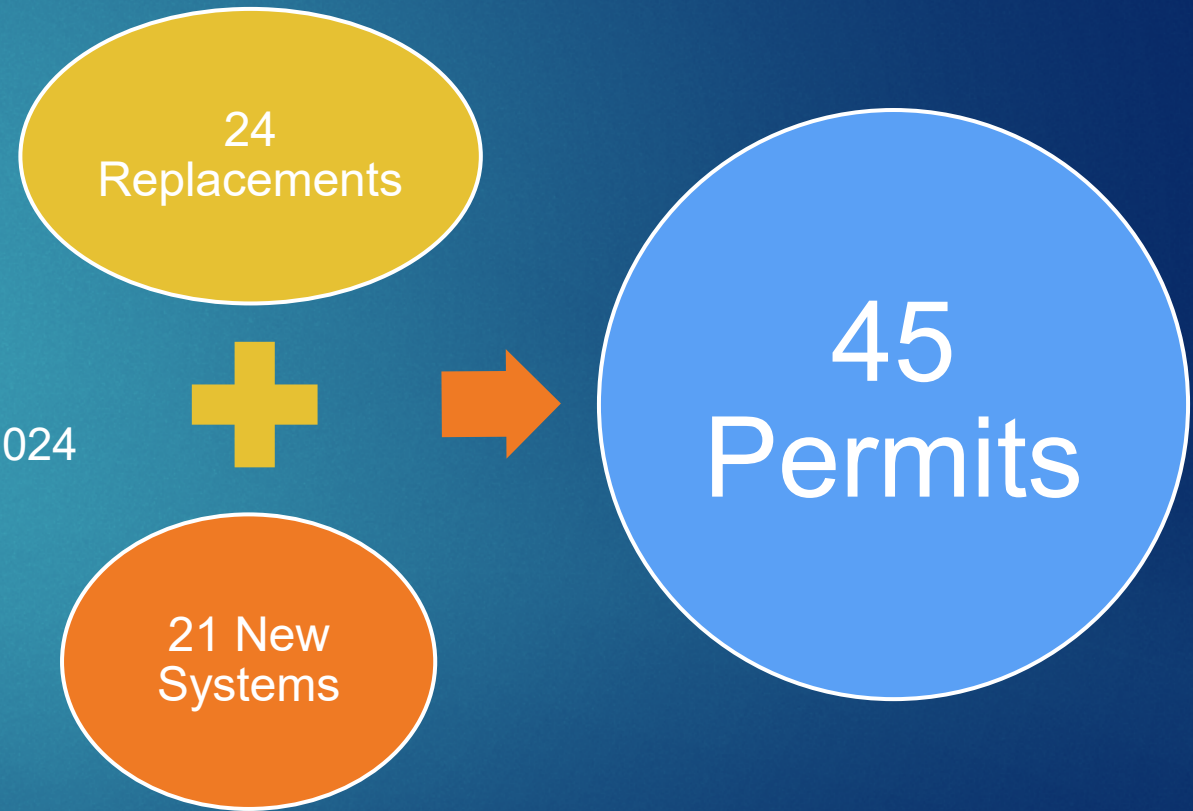


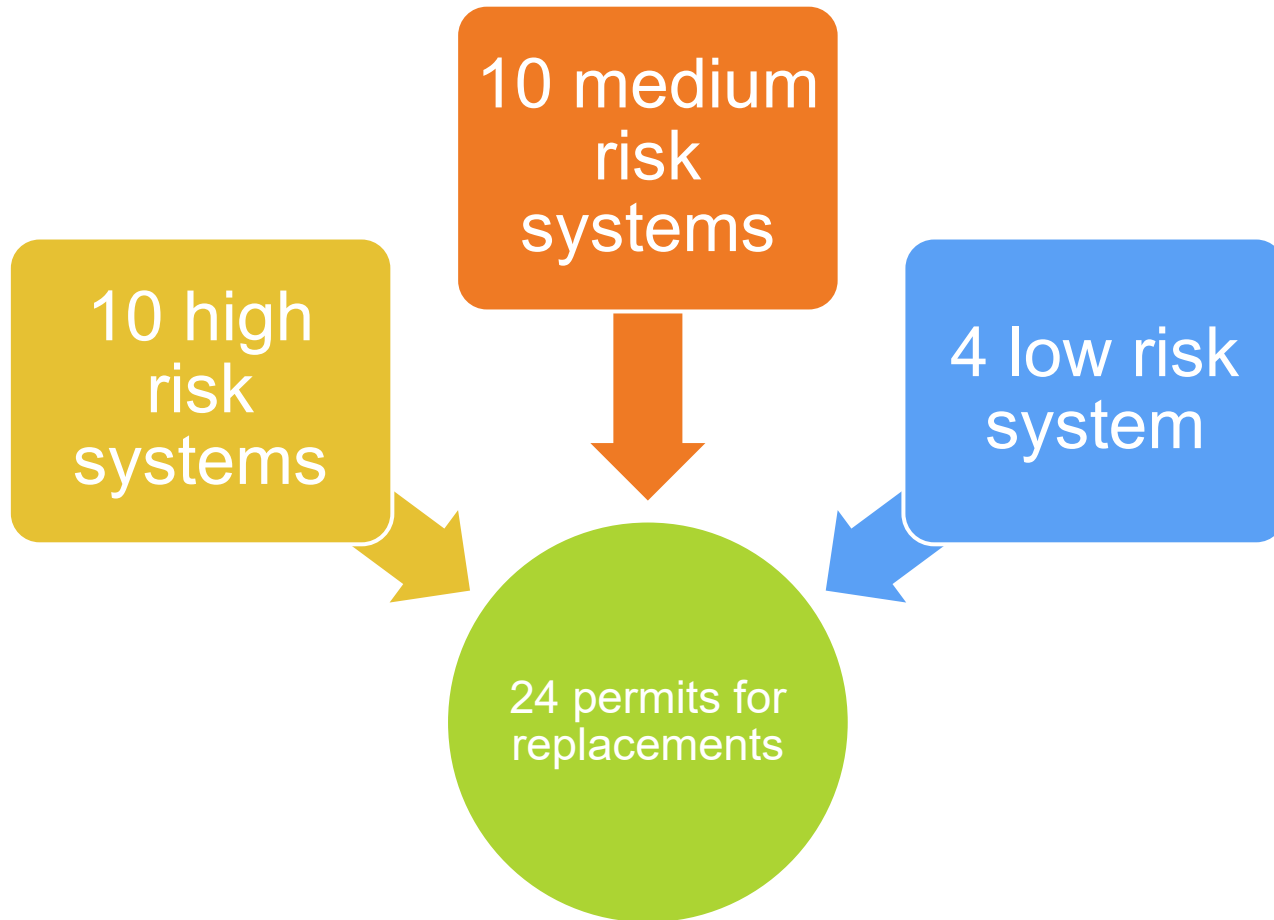
Future Planning - Cycle 3, Year 3

# PART 8

## New and Replacement Septic Systems

- ▶ **45 permits taken out in 2024**
- ▶ 38 systems installed in 2024
  - ▶ 17 permits from 2023: 10 new systems, 7 replacements
- ▶ 10 permits taken out for advanced treatment units in 2024
  - ▶ 5 installed in 2024
  - ▶ 8 from 2023 permits
- ▶ 2023 – 46 permits issued, 44 systems installed
- ▶ 2022 – 69 permits issued, 67 installed, 2 cancelled





## Permits for Replacement Systems

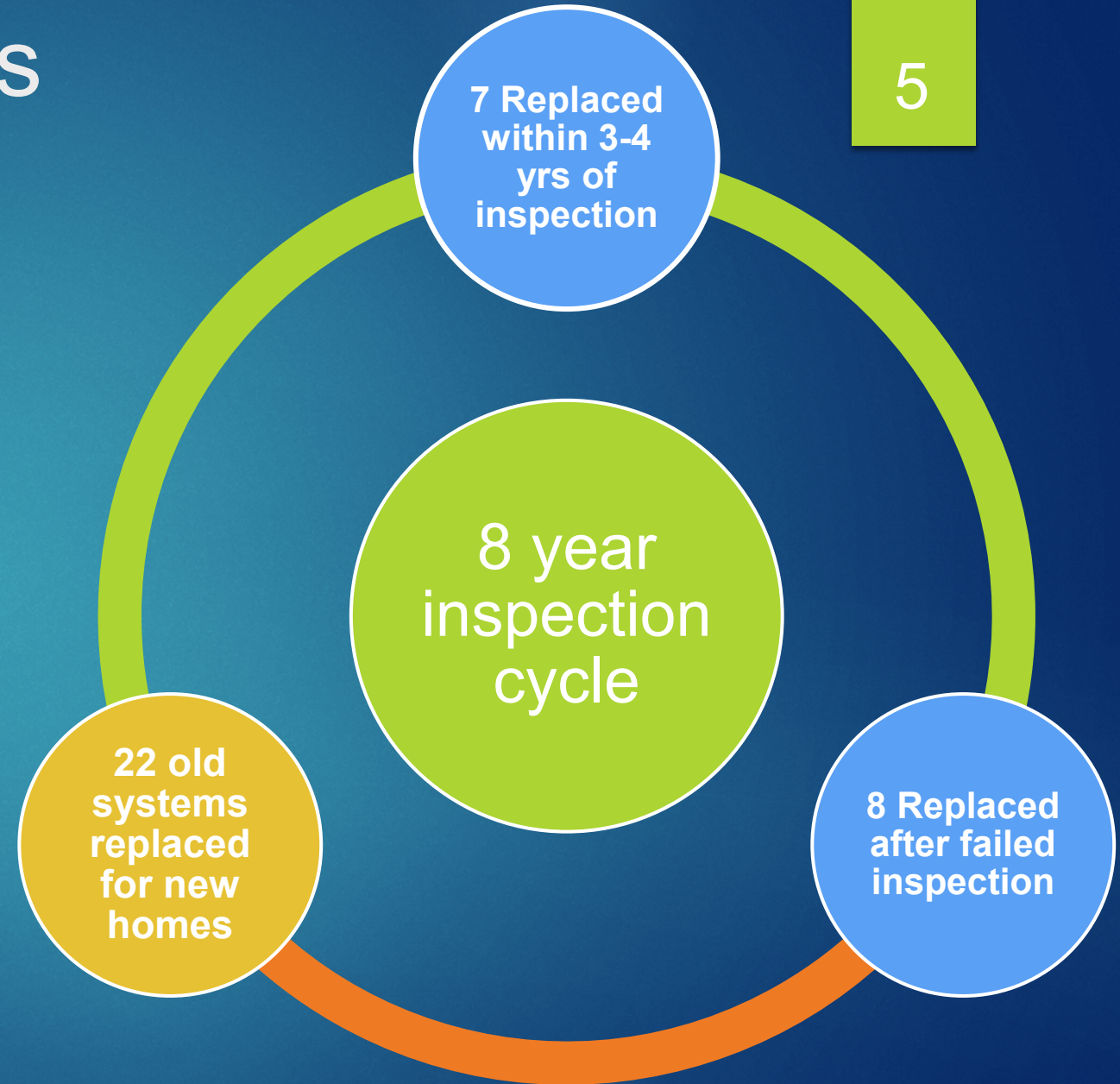
- ▶ Systems that assessed a 'high' risk rating are being replaced.
- ▶ Seeing replacement of old systems for new builds (tearing down the old structure)

From the inspection data we know that age is the most common reason for systems needing replacement.

# Timing of Replacements 2023 and 2024

- ▶ **Many replacements are made when a new home is being built or renovation/addition occurs**
  - ▶ Most are High Age
  - ▶ Suggests owners suspect systems are failing and replace them because someone will be looking at it.
- ▶ Systems also being replaced following inspections that identified problems or inadequate for current home use.

**Would these replacements happen without inspections?**



# Where are systems being replaced?

- ▶ In 2024 – most replacements were west of Lake Range Drive.
- ▶ 10 replacements in Point Clark
- ▶ Not surprising – from the inspections we know that many of the older systems are in Point Clark.
- ▶ New dwellings and septics replacing older structures.



# HKCSI - Year in Review

## Year 2 of Cycle 3



Target was 515 properties:  
395 due in 2024  
117 past due  
3 WHPA

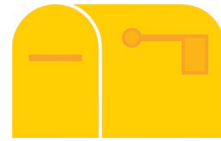


464 inspections completed  
3 WHPAs  
41 past due

## Staying in Contact

- ▶ 516 letters sent out
- ▶ Over 465 telephone calls made & emails sent
- ▶ 58 properties door-knocked
  
- ▶ 90% of properties due in 2024, were booked by the end of September

In 2024, we made over 1,059 attempts to connect with property owners between May and October



Letters



Telephone  
Calls



Emails



Doorknocking

*That's an average of 5.8 contacts per day.*



# Source Water Protection



4 WPHAs in Huron-Kinloss with septic systems: Blairs Grove, Murdoch Glen, Point Clark and Whitechurch



3 properties inspected in 2024



38 properties require inspection in 2025



Additional properties will be added to WHPA list (east of Lucknow) with revised WHPAs.

# What we find

- Clogged filters
- Cracked lids
- Electrical wire across the lid



# Advanced Treatment Units (Tertiary Treatment)

- ▶ 105 Advanced Treatment Units in Huron-Kinloss (up from 91 in 2024)
  - ▶ 14 new advanced treatment units installed in 2024
  - ▶ 13 have never submitted any records (down from 18 last year)
- ▶ Properties owners are sent letters outlining the **requirement under the Building Code to have a service contract in place and annual maintenance inspection**. Letters are sent out annually in February asking for documentation confirming this requirement is fulfilled.
- ▶ Continue to work with CBO and service contractors to get records, address those without contracts.



# Looking forward to Year 3 (Cycle 3)

348 inspections due in 2025

+ 76 past dues from 2015-2024

+ 38 WHPA inspections

462 inspections



# Questions?