

Water sensitive urban design

Monitoring and managing privately owned systems

Kate Murphy

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Blacktown
City Council

Introduction

Privately owned WSUD

Privately owned WSUD systems contribute to water quality outcomes of our waterways.

Compliance program overview

Blacktown City Council implements a program for inspection and maintenance of privately-owned WSUD systems.

Scale and impact

Over 1000 private properties in Blacktown City have WSUD systems with an estimated 5000 individual devices.

Council's leadership

We are committed to proactively monitoring and managing privately owned systems for long-term environmental outcomes.



WSUD Compliance program objectives



Program purpose



Lifecycle compliance



Stakeholder engagement



Program growth

Fundamental components

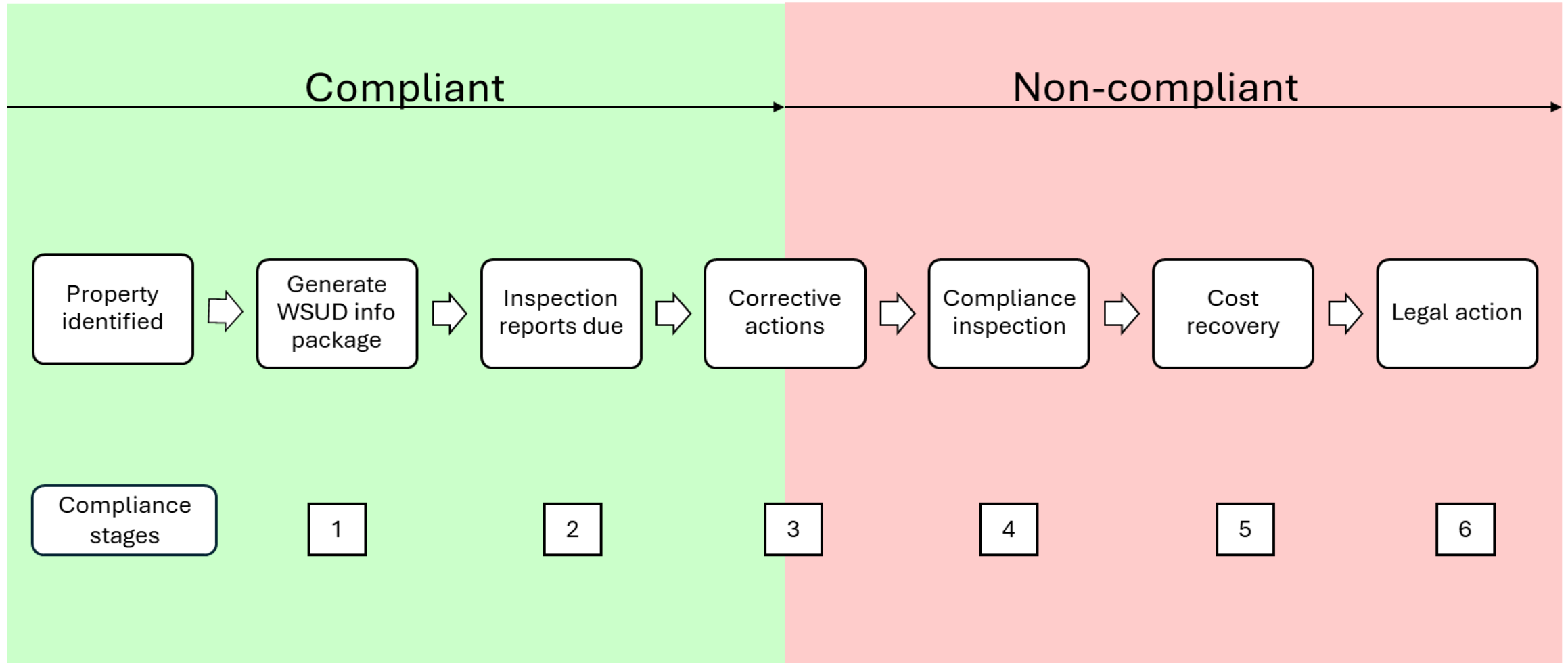
- ▶ Development conditions
- ▶ Positive and restrictive covenant registration
- ▶ WSUD system documentation



DEVELOPMENT APPLICATION – NOTICE OF DETERMINATION
Issued under the Environmental Planning and Assessment Act 1979
Sections 4.16, 4.17 & 4.19

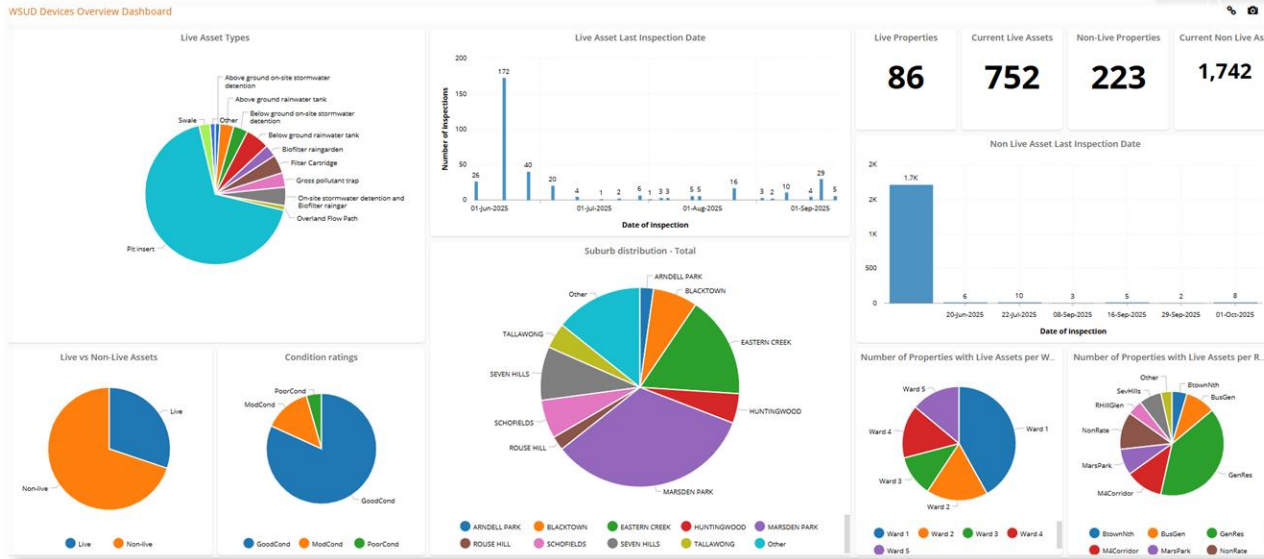
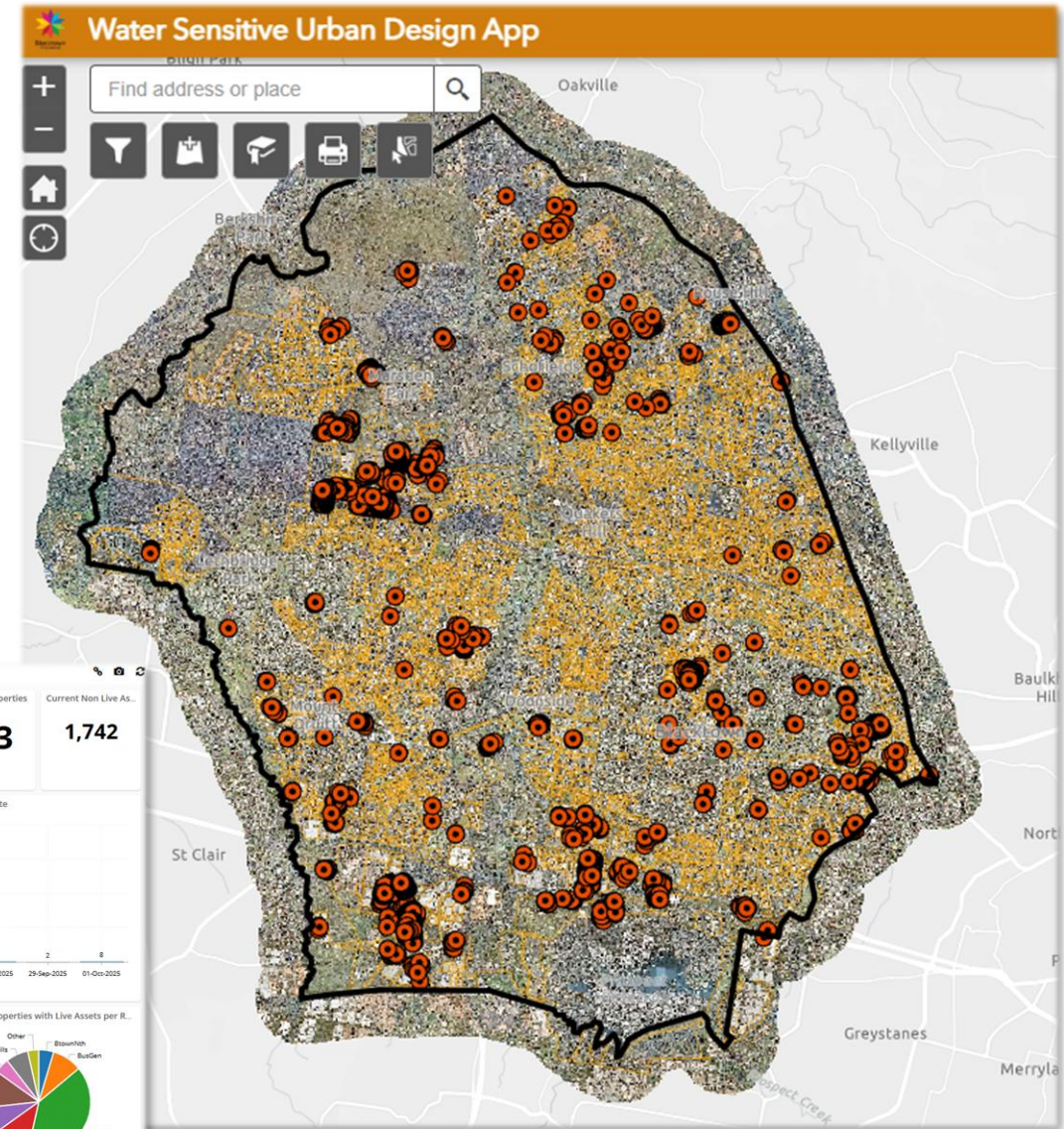
Administration Centre
62 Flushcombe Rd
BLACKTOWN NSW 2148
Telephone: (02) 9839 6000
Web: www.blacktown.nsw.gov.au
Email: council@blacktown.nsw.gov.au

WSUD Compliance process overview

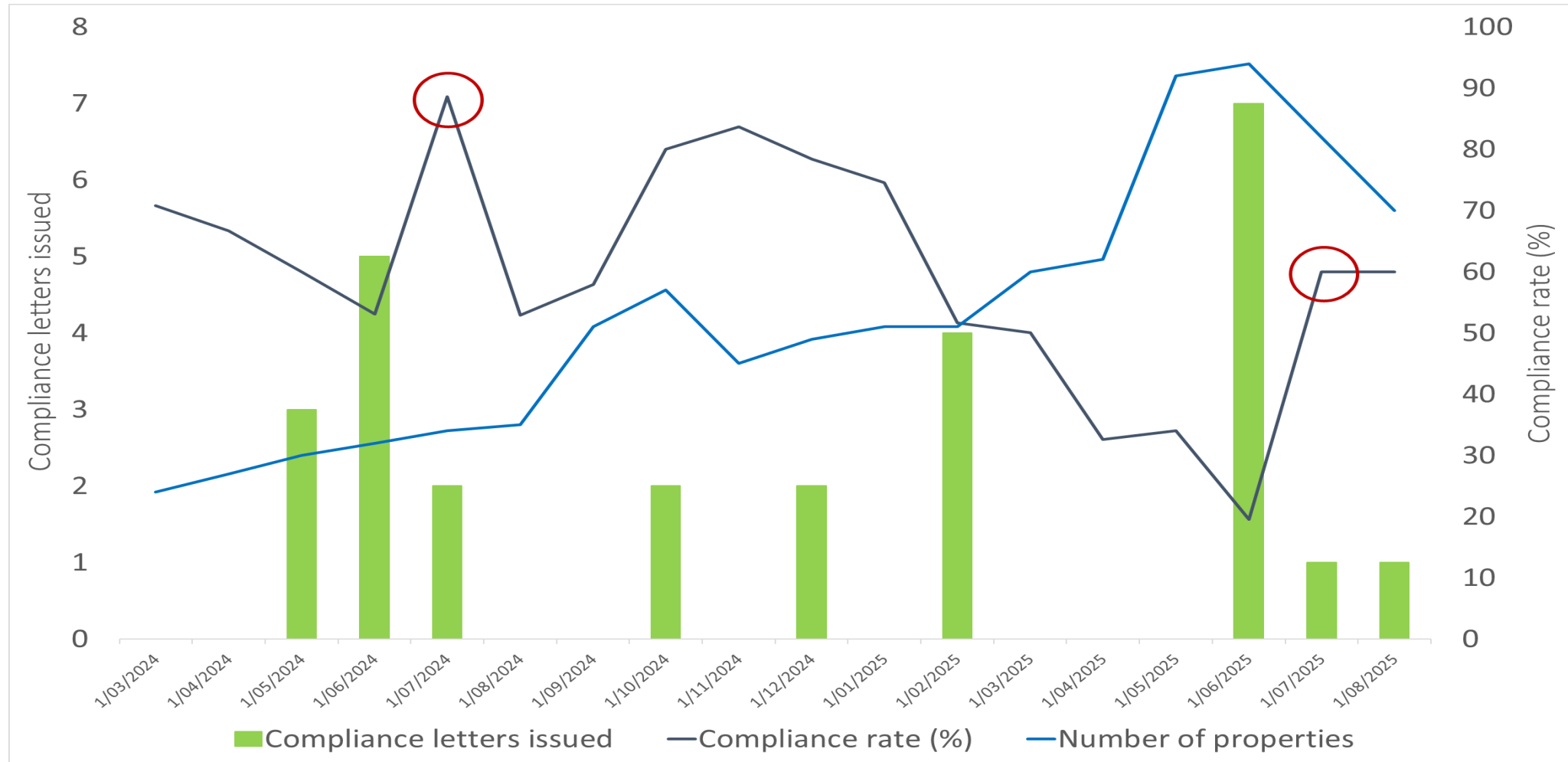


Use of technology

- ▶ Asset database
- ▶ GIS and spatial data for asset tracking
 - ▶ Provides a visual reference
 - ▶ Attribute data can integrate with Council's enterprise system - TechOne



Compliance rate results



Non-compliance actions and challenges

Non-compliance notifications

Increasing in seriousness

Inspections

Non-compliance fees and charges

Challenges

Access to sites for inspection

Properties with multiple tenancies

Vacant lots

Commercial properties with silent or absent owners

Change in ownership

Overseas investors

Key messages

- ▶ Setting the legal and conditional foundational framework is key to operating a WSUD compliance program.
- ▶ System certification and development documentation provides key information in logging and tracking WSUD systems.
- ▶ Implementing enforcement actions has shown compliance improvement, however, there are still some challenges.



Thank you