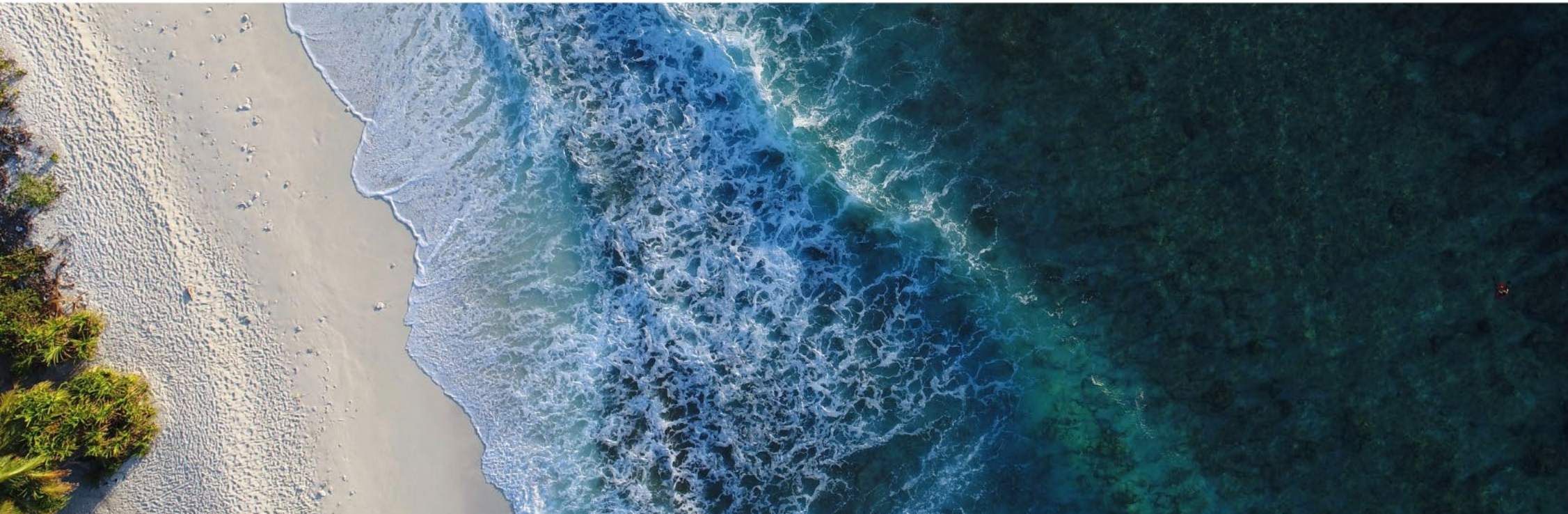




# Ensuring widespread maintenance of Water Sensitive Urban Design assets

Ocean Protect webinar by Daniel Rider  
23<sup>rd</sup> August 2023



# Acknowledgement of Country

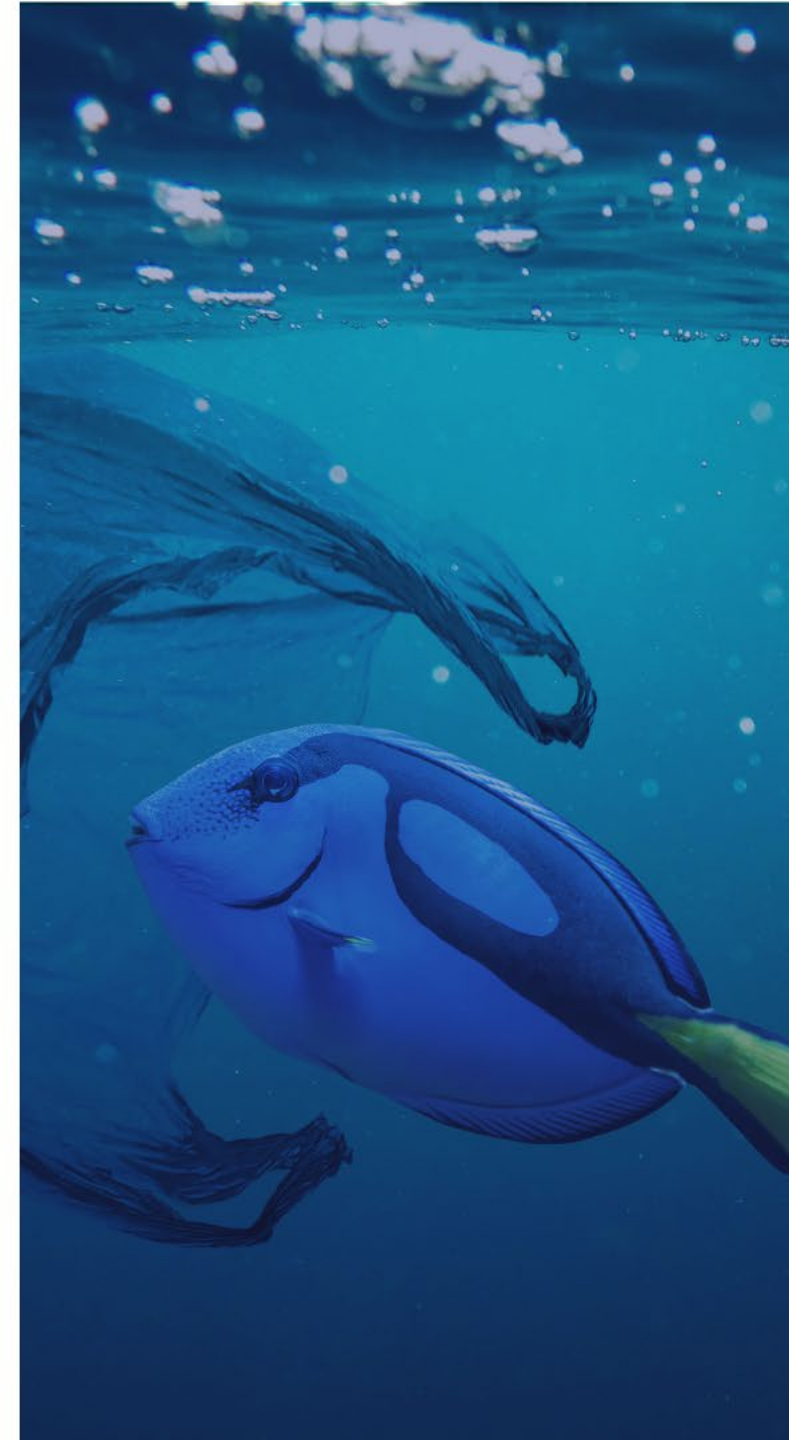
I would like to begin by acknowledging the Traditional Owners of the land we are all on today, and their continuous connection to land and sea. I would also like to pay my respects to Elders past and present.





# Disclaimer

I acknowledge that I have a conflict of interest in relation to the topic of ensuring WSUD maintenance, noting that I work for a company that supplies, installs and maintains WSUD assets.



# Context

Accompany the Ocean Protect thought leadership article released in July 2023

“Ensuring widespread maintenance of Water Sensitive Urban Design (WSUD) assets”



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[https://oceanprotect.com.au/news\\_post/ensuring-widespread-maintenance-of-water-sensitive-urban-design-assets/](https://oceanprotect.com.au/news_post/ensuring-widespread-maintenance-of-water-sensitive-urban-design-assets/)



**WSUD  
assets are  
not being  
maintained.  
But why?**



# Reasons include:

- ④ Local government capacity & resourcing
- ④ Deficiencies in asset management
- ④ Stakeholder education & awareness
- ④ Professional perspectives & behaviours
- ④ Lack of understanding on how to improve management



# Overview

- ④ Sustainable source of funding
- ④ Trained & qualified maintenance contractors
- ④ Align the industry with Stormwater NSW guidelines
- ④ Educate stakeholders on stormwater & WSUD
- ④ Develop an effective approach to manage WSUD assets

# Sustainable source of funding

## Issue:

- ⦿ Councils have limited budgets & capacity

## Solution:

- ⦿ Sustainable source of funding for Councils to do better stormwater management

## Example:

- ⦿ NSW's Stormwater Management Service Charge
  - Allows Councils to raise funds for stormwater management activities
  - Outcome of legislation approved in 2005



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# Trained & qualified maintenance contractors

## Issue:

- ⌚ Confusing to know what to do
- ⌚ No nationally accredited training program exists

## Solution:

- ⌚ Guideline & training that helps all stakeholders understand the maintenance activities and requirements

## Example:

- ⌚ Stormwater NSW Guidelines for the Maintenance of Stormwater Treatment Measures and associated training for the Guidelines



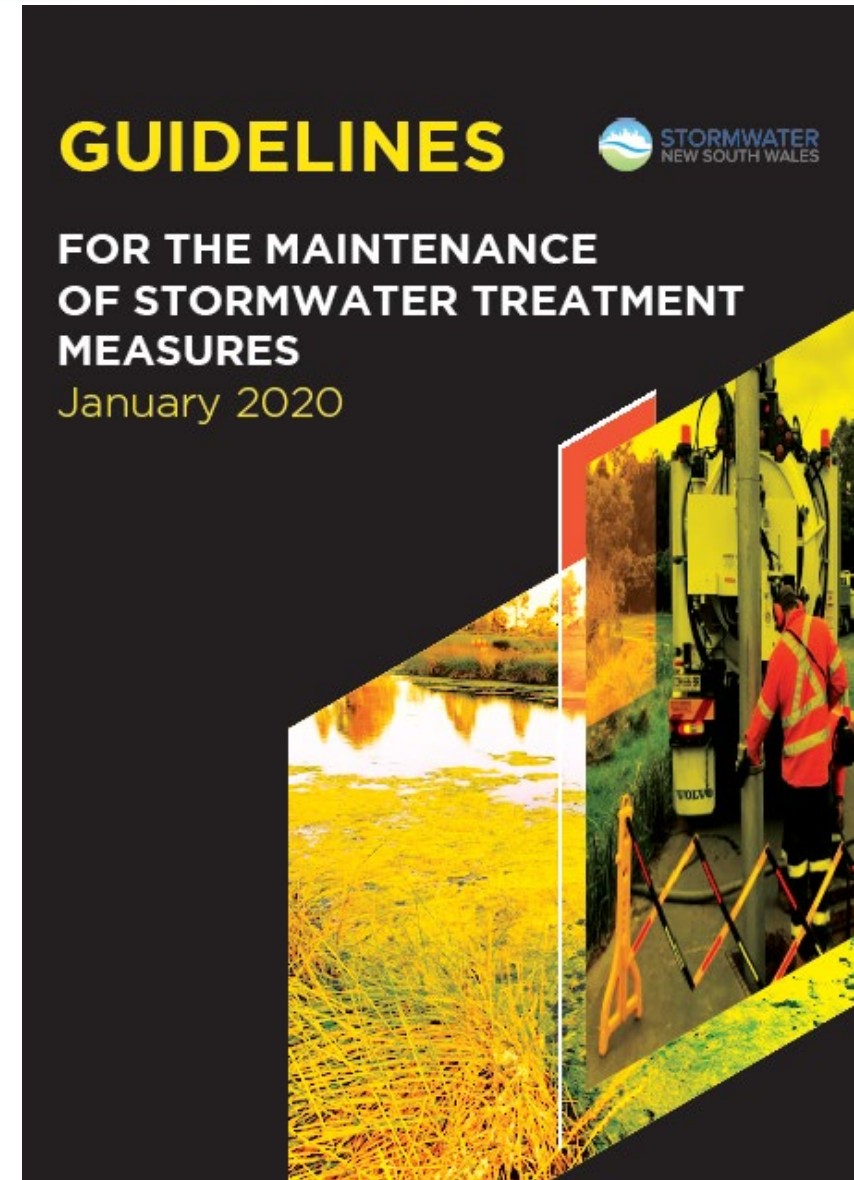
# Align the industry with Stormwater NSW guidelines

## Issue:

- ⌚ Large range of documents exist = create confusion, uncertainty & inconsistency

## Solution:

- ⌚ Collate all information in one spot:  
Stormwater NSW Guidelines for the  
Maintenance of Stormwater Treatment  
Measures





# Educate stakeholders on stormwater & WSUD

## Issue:

- ⌚ Community, property owners, maintenance contractors, and government employees need more education on stormwater & WSUD
- ⌚ Unaware people = no demand on Councils

## Solution:

- ⌚ Educate the public on stormwater infrastructure
- ⌚ Educate asset owners of their responsibilities
- ⌚ Educate regulatory authorities on their responsibilities

## Example:

- ⌚ Blacktown City Council's WSUD compliance educational package



# Develop an effective approach to manage WSUD assets

## Issue:

- ⦿ People do not know how to manage and enforce maintenance on WSUD assets

## Options:

- ⦿ Create their own WSUD maintenance compliance program
- ⦿ Learn from Blacktown's WSUD compliance program
- ⦿ Learn from the WSUD Maintenance Compliance Framework





# WSUD Maintenance Compliance Framework

## © What?

- Package of resources to help Councils implement and operate a WSUD maintenance compliance program. It contains:
  - Instructions
  - Legal material
  - Education and engagement material
  - Compliance management system
  - And more...



# National WSUD Compliance Committee

- ⌚ **What:** Looking to solve WSUD compliance (initial focus on maintenance)
- ⌚ **Why:** solve compliance for stakeholders with stakeholders
- ⌚ **Who:** interested stakeholders (Councils, private companies, individuals, etc.)
- ⌚ **When:** Wednesday August 30<sup>th</sup> 2-3:30pm (AEST)
- ⌚ **Where:** online

*SCAN TO REGISTER*





# Summary

- ④ Sustainable source of funding
- ④ Trained & qualified maintenance contractors
- ④ Align the industry with Stormwater NSW guidelines
- ④ Educate stakeholders on stormwater & WSUD
- ④ Develop an effective approach to manage WSUD assets
- ④ WSUD Maintenance Compliance Framework
- ④ National WSUD Compliance Committee

# Reading

Read the Ocean Protect thought leadership article released in July 2023

“Ensuring widespread maintenance of Water Sensitive Urban Design (WSUD) assets”

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[https://oceanprotect.com.au/news\\_post/ensuring-widespread-maintenance-of-water-sensitive-urban-design-assets/](https://oceanprotect.com.au/news_post/ensuring-widespread-maintenance-of-water-sensitive-urban-design-assets/)





 [www.oceanprotect.com.au](http://www.oceanprotect.com.au)

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# THANK YOU

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**Next**

National WSUD Compliance Committee meeting

Wednesday August 30<sup>th</sup>

2 – 3:30pm AEST



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