

A decorative graphic consisting of multiple overlapping, wavy lines in shades of green and yellow, flowing from the left side of the page towards the right.

# Sediment Snapshot 19 to 23 June 2023

Pia Hackshaw – Environmental Health Officer.

# Overview

## **SITE SELECTION**

Took longer than anticipated

## **PREPARATION & DATA COLLECTION**

Job safety analysis

Weather forecast

Lots of photos

## **TIME CONSIDERATIONS**

Total time 8 hours for 2 sites (data collection and administration / prep

# Site Selection

Took longer than anticipated  
Representative sites  
Desktop assessment  
Asked colleagues  
Estimated time working solo  
Accessibility / safety  
Observations when driving by



# Site Selection

## Market street and Thomas road, Casuarina

Recent large commercial  
development (Costco)

Surrounding lots cleared for  
future development

Dust complaints

Clean-up order for the cul-de-  
sac directly in front of Costco



# Site Selection

## **Anketell road and Treeby Road, Anketell / Wandl**

Multiple subdivisions at  
different stages

Dust complaints

Observation of sand on the  
roads



# Preparation & Data Collection

Plan site visit

Job Safety Analysis

Weather for the week

Refer to form

Take lots of photos

Read up on local law on sand drift

**SEDIMENT SNAPSHOT 19-23 JUNE (Site Inspection Form)**  
Please submit to: [lorenz@brisbane.qld.gov.au](mailto:lorenz@brisbane.qld.gov.au) by 14 July 2023

Reporting Officer Name and Organisation: Pa Hackshaw Environmental Health Officer, City of Brisbane  
Local Government Authority area: City of Brisbane  
Date: 22 June 2023  
Site Address (for number and/or physical address): 86 Zestis road Annerley, Annerley road, Bamberby road  
Time (start): 10:15am  
Time (finish):  
Building/land development company name (project proponent):  
Why did you choose to inspect this site?  
Describe relevant current and predicted weather conditions (wind, rain, storms) that are/could cause sediment movement.  
Site type (Circle best fit):  
residential building site commercial building site industrial building site transport infrastructure site  
roadworks large scale subdivision medium scale subdivision **small scale subdivision**  
home renovations swimming pool (installation) landscaping (garden)  
Proximity to drains - is the drain? (Circle best fit):  
A) directly next to this site B) next to adjacent sites (1 km away any distance) C) close by (<150m) D) far away (>150m)  
Is there evidence of soil, sand, silt, mud (sediment) being swept or holed down the drain?  
Describe: Yes / No / NA  
Description of Green Pollution traps and Water Sensitive Urban Design technologies present or in development on this site (E.g. strawbales, siltgarder, bio-retention system, constructed wetland, other vegetated stormwater assets).  
Description of wetland/waterways in close proximity. Take photos and look for evidence of sedimentation in wetlands or waterways you think is due to poor construction practices. (Look for major sediment deposition e.g. "yellow building sand").  
Is there evidence of sediment (including dust) leaving this site?  
(e.g. footpath, road verge and/or road surface, in gutter or around/in drain, storm water weary pit etc.)  
Describe: Yes / No / NA  
Estimate quantity of sediment that has left site, length (m) x width (m) x depth (cm)

# Data Collection



# Data Collection





# Data Collection



# Data Collection



# Data Collection



# Time considerations

## **4 hours per site across the week from planning to submission**

- 1 hour on site data collection including travel time
- 1 hour filling in the form and associated administration
- 4 hours preparation; reading material, JSA, planning sites visits

### ***This does not include:***

- *Any onsite discussions with site managers (for education)*
- *Go back to collect more data*

# Recommendations

**ALLOW EXTRA TIME FOR SITE SELECTION**

**PLAN SITE VISITS**

**CONSIDER SAFETY**

**CHECK WEATHER UPDATES**

**TAKE THE FORM WITH YOU**

**TAKE LOTS OF PHOTOS**

Thank you

