# Waste and Sedimentation Management Plan

Property: 120 South Creek Road, Cromer

Date: November 2022

Plan Number: 120 WMP-2022

# Context and proposed development

The development involves modest earthworks for footings and installation of sportsfield lighting.

## Policy considerations:

Warringah DCP

Northern Beaches Council Waste Management Guidelines.

#### CONSTRUCTION PHASE

The nature and extent of waste likely to be generated during the construction phase of the proposal has been considered.

The proposal involves modest earthworks for footings and installation of sportsfield lighting; 4 structures and their associated footings.

#### **WASTE**

CONSTRUCTION PHASE			
MATERIALS ON SITE		DESTINATION	
Type of materials	Estimated volume m <sup>3</sup>	On site	Offsite
Excavation material	2	Reuse excavated material on-site and stockpile for use in landscaping	Excess returned to supplier or Kimbriki landfill.
Green waste	Nil		
Concrete	Nil		
Bricks	Nil		
Timber	Nil		
Plasterboard	Nil		
Roof tiles	Nil		
Roof metal	Nil		
Other metals	minimal		Excess to waste management centre for recycling / reuse.
glazing	Nil		
Packaging	minimal		Separated into regular recycling streams for collection

### Contractors will be responsible for ensuring:

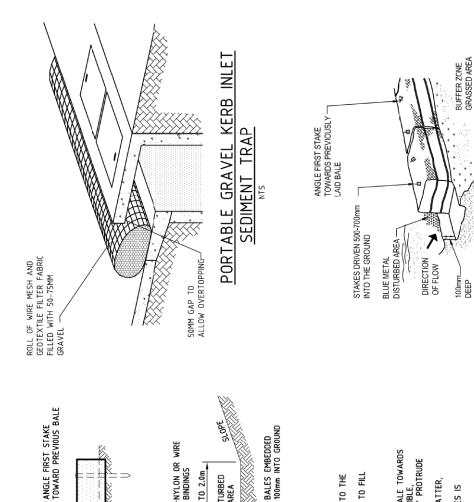
- 1. Dedicated safe pedestrian access is to be managed to the site.
- 2. Separation, reuse and recycling of materials will be maximised.
- 3. Construction will be managed to ensure air and water borne pollutants such as, dust are minimised.
- 4. Construction will be managed to minimise disturbance to the surrounding area.

#### **SEDIMENTATION**

#### Key actions:

- 1. Install Sediment Barrier on downslope side of works
- Stockpile demolition materials on level sections of landscaped areas.
   Separate waste, from reuse and recycle materials.
- 3. Clean and Clear footpath and roadway as required
- 4. Limit disturbance when working
- 5. Wash equipment in designated area
- 6. Store all hard waste & litter in a designed area
- 7. Restrict vehicle movements and use the driveway only when possible
- Store hard waste in a way which avoids material loss caused by wind or water
- 9. Avoid waste by ordering materials only in required quantities
- 10. Separate and recycle packaging where able
- 11. Separate building waste products into separate litter traps if possible

## SEDIMENTATION MEASURES



-NYLON OR WIRE BINDINGS

ELEVATION

1.5m TO 2.0m DISTURBED AREA

/ FLOW 20m MAX.

# STRAW BALE FILTER

2. CHATCH SALES LENGTHWISE IN A ROW WITH ENDS TIGHTLY ABUTTING, USE STRAW TO FILL ANY GAPS BETWEEN BALES. STRAWS ARE TO BE PLACED PARALLEL TO GROUND.

3. ENSURE THAT THE MAXIMUM HEIGHT OF THE FILTER IS ONE BALE.

4. ENBED EACH BALE IN THE GROUND 75mm-100mm AND ANCHOR WITH TWO 1.2 METRE STAR PICKETS OR STAKES. ANGLE THE FIRST STAR PICKET OR STAKE IN EACH BALE. THE REVIOUSLY LADD BALE. DRIVE THE MOONDMIN TO THE GROUND AND, IF POSSIBLE, FLUSH WITH THE TOP OF THE BALES. WHERE STAR PICKETS ARE USED AND THEY PROTRUDE ABOVE THE BALES. ENSURE THEY ARE FITTED WITH SAFETY CAPS.

5. WHERE A STRAW BALE FILTER IS CONSTRUCTED DOWNSLOPE FROM A DISTURBED BATTER, ENSURE THE BALES ARE PLACED 1 TO 2 METRES DOWNSLOPE FROM THE TOE.

6. ESTABLISH A MANTAINANCE PROGRAM THAT ENSURES THE INTEGRITY OF THE BALES IS RETAINED - THEY COULD REQUIRE REPLACEMENT EACH 2 TO 4 MONTHS.

1. CONSTRUCT THE STRAW BALE FILTER AS CLOSE AS POSSIBLE TO BEING PARALLEL TO THE CONTOURS OF THE SITE.

STRAW BALE FILTER CONSTRUCTION NOTES:

SECTION

PLAN

STRAW BALES TIGHTLY ABUTTING TOGETHER

SCALE N.T.S.

HAYBALE BARRIERS

SCALE N.T.S.

1.2m STAR PICKET DRIVEN 600mm INTO GROUND

# SITE PLAN AND LOCATION OF SEDIMENTATION CONTROL MEASURES

