

## Pollution Incident Response Management Plan

For the Construction and Demolition Waste Recycling Facility at 30 (Lot 502) Nells Road, West Gosford, NSW

July 2018





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Version	Date of issue	Prepared by	Approved by	Description of amendments
number				
0	January 2018	Miriam Cumming,	Andrew Quinn	Draft PIRMP
		A.Prince Consulting Pty		
		Ltd		
1	January 2018	Miriam Cumming,	Therese Calleija	Final
		A.Prince Consulting Pty		
		Ltd		

## 1. PURPOSE OF THIS PLAN

Under the NSW *Protection of the Environment Operations Act 1997*, holders of an Environment Protection Licence must prepare and implement a Pollution Incident Response Management Plan (PIRMP).

The objectives of the PIRMP are to:

Ensure comprehensive and timely <u>communication</u> about a pollution incident to staff, EPA, authorities and other stakeholders



<u>Minimise and control the risk</u> of a pollution incident by identifying risks and planning actions to minimise and manage them



Ensure that the plan is properly implemented by nominated trained staff, and regularly tested

## A "pollution incident" is defined as:

An incident or set of circumstances during or as a consequence of which there is or is likely to be a leak, spill or other escape or deposit of a substance, as a result of which pollution has occurred, is occurring or is likely to occur.



It includes an incident or set of circumstances in which a substance has been placed or disposed of on a premises, but it does not include an incident or set of circumstances involving only the emission of noise.

#### The PIRMP must be:

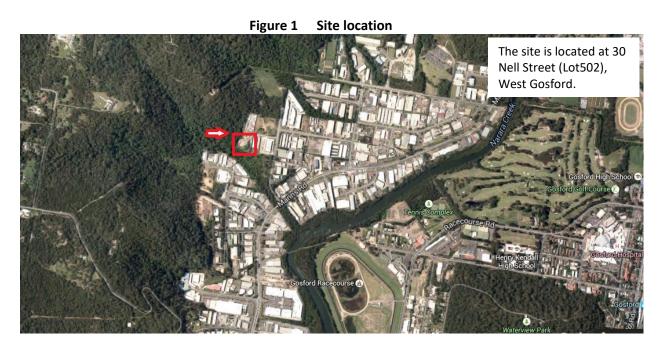


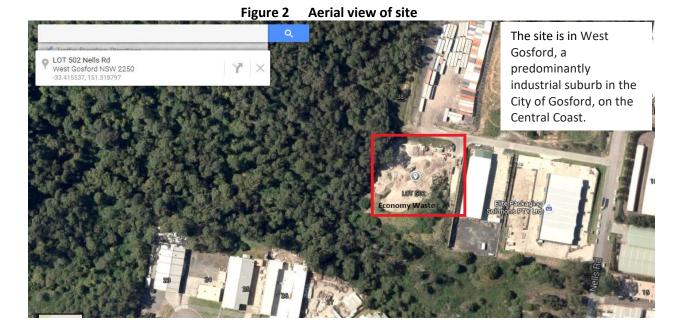
## 2. ABOUT THE SITE

• 30 Nells Road, West Gosford NSW 2250 • Lot 502, DP1034080 Site size • approximately 8,000m<sup>2</sup> Gosford • Zoned IN1: General Industrial under Gosford LEP 2014 • The site operates under a current development consent (Gosford Council Determination #10452/2000) • The site operates under NSW Environment Protection Licence 20648 which permits resource recovery and waste storage •Construction and demolition waste • Dry commercial and industrial waste •Total received: bewteen 1,500 and 3,000 tonnes per month • 6.00 am to 5.30 pm Monday to Friday Operating hours • 6.30 am to 2.00 pm Saturday • The site is leased by Economy Waste Group from Calleija Group Pty Ltd

## 2.1 Site location

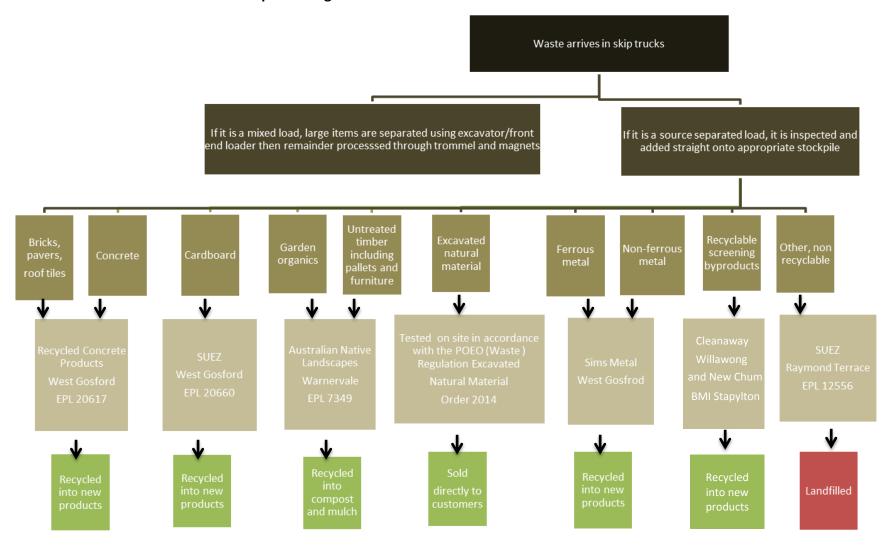
Figure 1, Figure 2 and Figure 3 show the location and features of the site.







## 2.2 Overview of waste receival and processing

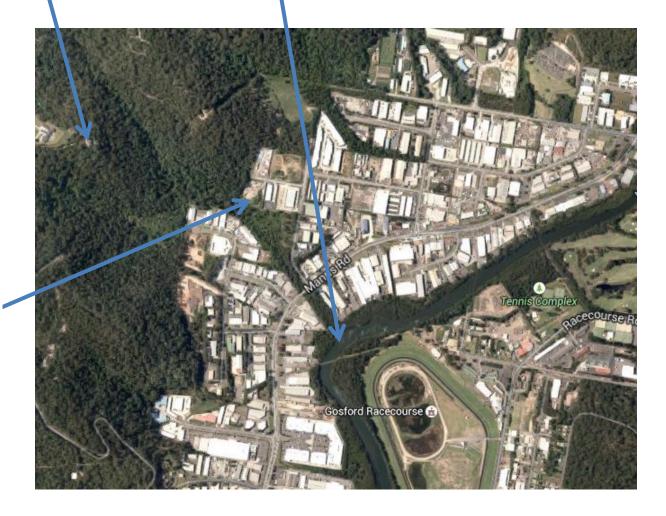


## 2.3 Nearest sensitive receptors

The site is located in the West Gosford industrial precinct. The nearest residence is approximately 500 m away. The closest waterway is a small creek behind the Lot, a tributary of Narara Creek, which flows into Fagans Bay. The site is not close to wetlands.

Nearest residential receptors: Kowara Rd, Somersby (more than 500 m from site)

Small Creek (joins Narara Creek)

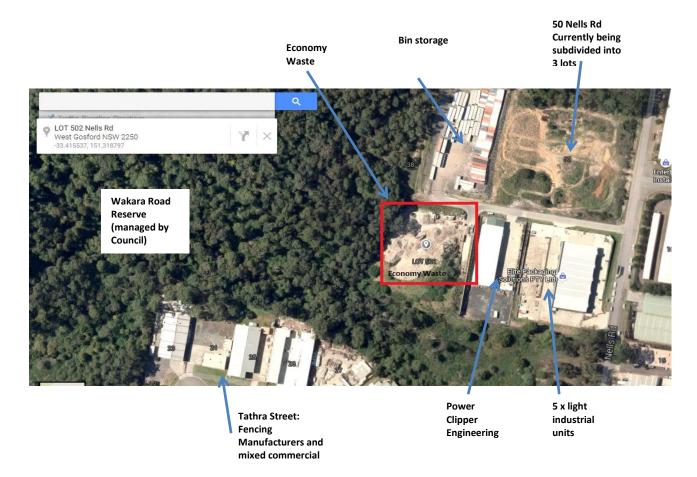


Site

## 2.4 Adjoining premises

The site is located in an industrial area, and is surrounded by industrial and commercial premises to the north, east and south. The site is only accessible through Nells Road.

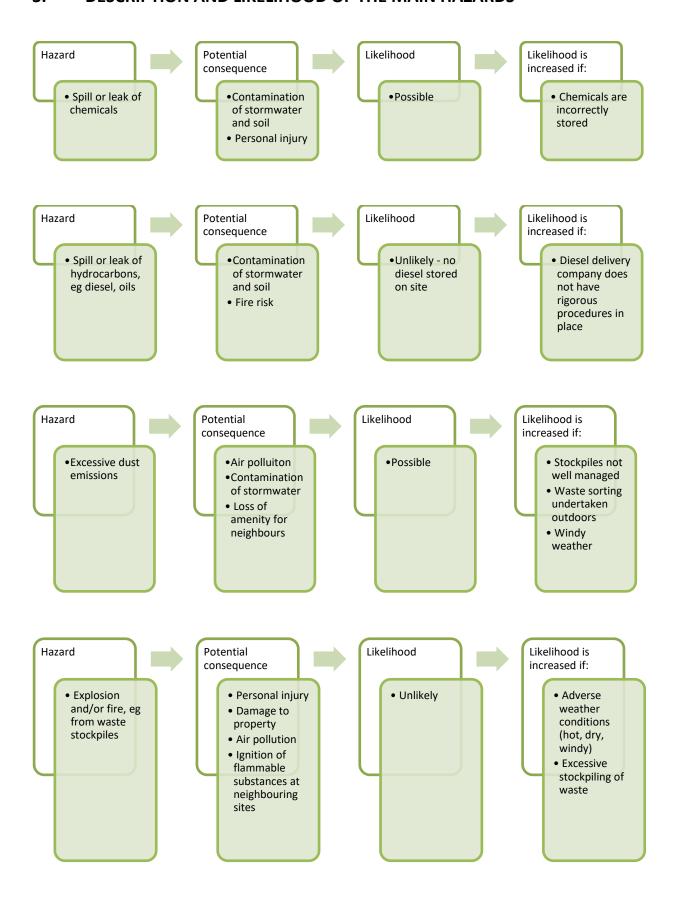
The map below shows the site's immediate neighbours.



The activities of the adjoining site and businesses are described below.

#### Power Clipper Engineering Wakara Road Tathra St light industrial units 50 Nells Road Subdivision Council Occupies whole • Five light • Light industrial / commercial units into three lots managed land of Lot 501 Nells industrial/ approved by Road commercial units **Gosford Council** Moderate Includes Fencing August 2017 bushfire risk • Computer • Includes Pinnacle Manufacturers, according to Numerical Electronics and See All Security Control (CNC) **Central Coast** Systems and Drift • Currently the Council study subject of machining Mixed Martial Arts **Paddleboards** section 96 specialists • Includes fire modification trails application

## 3. DESCRIPTION AND LIKELIHOOD OF THE MAIN HAZARDS



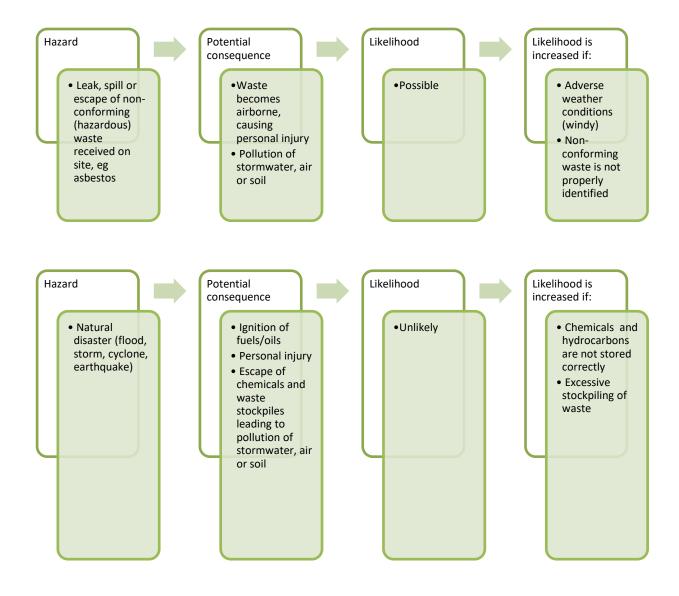




Image 1 Site operations

#### 4. PRE-EMPTIVE ACTIONS TO BE TAKEN

The main hazards, and the mitigation measures in place for each one, are shown below.

Spill or leak of chemicals

- All chemicals will be appropriately stored , labelled and bunded
- •Spill kits will be ready accessible and maintained
- Material Safety Data Sheets for all chemiclas will be available on site
- Drains will be protected with geotextile covers

Spill or leak of hydrocarbons

- No diesel stored on site
- •Spill kits will be ready accessible and maintained
- Any diesel spillages from machinery will be immediately contained and absorbed, and disposed of appropriately
- Soils impacted by hydrocarbons will be disposed of to a suitably licenced facility

**Excessive dust** emissions

- Stockpiles will not exceed prescribed height (4 m)
- Dust suppression will be undertaken if there are adverse weather conditions or when dust is generated
- Drains will be protected wiith sediment traps
- Compliance with authorised amount of waste stored on site (≤ 12,000 t)

Explosion or fire

- Stockpiles will remain under the prescribed height limit (4 m)
- Compliance with authorised amount of waste stored on site (≤ 12,000 t)
- Fire hoses, general purpose fire extinguishers, and fire extinguishers suitable for control of oil/fuel fires, will be available on site
- •Staff will be trained in the use of fire extinguishers

Escape of non conforming waste

- All incoming waste will be screened as per the Procedure for Non-conforming waste
- Any non-conforming waste identified will be dealt with in accordance with the Procedure for Non-conforming waste
- Any asbestos identified will be handled as per the NSW EPA's Draft Protocol for Managing Asbestos During Resource Recovery of Construction and Demolition Waste
- Stockpiles will remain under the prescribed height limit (4 m)
- Drains will be fitted with sediment filters and regularly inspected
- Compliance with authorised amount of waste stored on site (≤ 12,000 t)

Natural disaster

Appropriate insurance policies will be purchased

## 5. INVENTORY OF POLLUTANTS

Potential pollutant	Storage location	Maximum quantity on site
Engine coolant	Workshop	20 litres
Hydraulic oil	Workshop	200 litres
Engine oil	Workshop	200 litres

## 6. SAFETY AND CLEAN-UP EQUIPMENT

Equipment	Location
Two way radios	Office and with site operators
Spill kits	Site office
Material Safety Data Sheets	Site office
Geotextile drain protectors	Stormwater drain near gate
First Aid Kit	In site office
Sandbags	Stormwater drain near gate
Fire extinguishers	Site office
Personal Protective Equipment	Worn by staff, spares in office

## 7. CONTACT DETAILS & RESPONSIBLE PERSON

The person responsible for implementing this plan is Therese Calleija.

In the case of a pollution incident, the following people should be notified immediately:

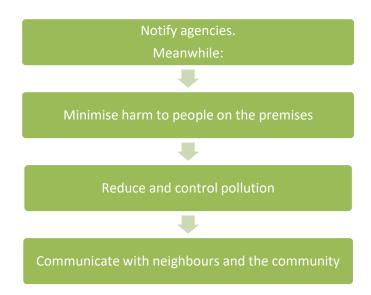
# Primary site contact

- Therese Calleija
- Owner and Accounts Manager
- Economy Waste
- 02 4325 1800
- 0438 731 015

# Secondary site contact

- Sam Calleija
- Director
- Economy Waste
- 0419 977 100

## 8. ACTIONS TO BE TAKEN DURING OR IMMEDIATELY AFTER A POLLUTION INCIDENT



## 8.1 Notify agencies



## 8.2 Minimise harm to people on the premises

All employees operating equipment must safety shut down the equipment if it is safe to do so

Site manager to decide whether to evacuate all people on site to muster point (near front entrance of site)

First Aid trained staff to administer first aid if required

Site manager will discuss with emergency services personnel and decide when it is safe to return to the site

## 8.3 Reduce and control pollution

# Spill or leak of

- Deploy spill kits
- Protect drains with sandbags / drain covers
- Follow instructions from emergency services/authorities if required
- Dispose of contaminated material through a licenced contractor and facility.
- Erect appropriate barriers and signage during cleanup phase

## chemicals

Spill or leak of

hydrocarbons

- Deploy spill kits
- Protect drains with sandbags / drain covers
- Follow instructions from emergency services/authorities if required
- Dispose of contaminated material and soil through a licenced contractor and facility
- Erect appropriate barriers and signage during cleanup phase

## Excessive dust emissions

- •Don PPE (dust masks, safety glasses)
- Apply dust suppression measures eg water cart, sprinklers
- •Cover stockpiles where possible
- Protect drains with drain covers

## Explosion or fire

- Deploy fire extinguishers if safe to do so
- Follow instructions from emergency services/authorities if required
- Erect appropriate barriers and signage during cleanup phase

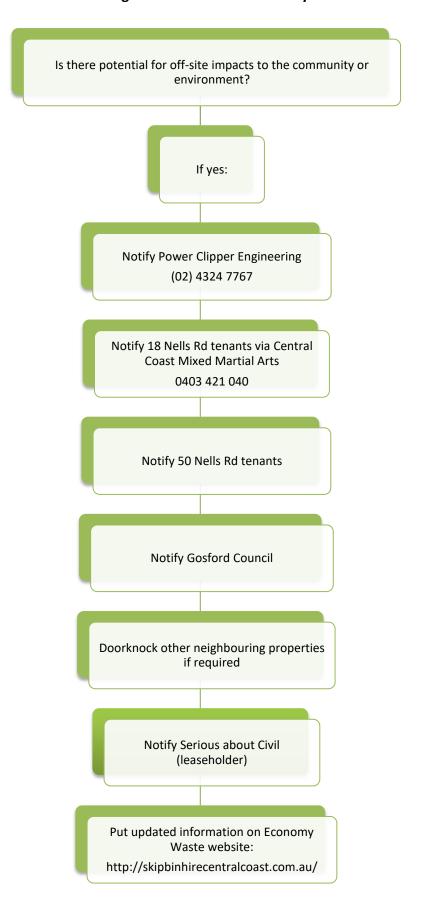
## Leak, spill or escape of hazardous waste

- Follow instructions from emergency services/authorities if required
- Protect drains with sandbags / drain covers
- Don appropriate PPE and recover waste if safe to do so
- Engage a qualified contractor to recover and dispose of waste if required
- Erect appropriate barriers and signage during cleanup phase

## Natural disaster

- Follow instructions from emergency services/authorities
- Erect appropriate barriers and signage during cleanup phase
- Contact insurance company

## 8.4 Communicate with neighbours and the community



## 9. STAFF TRAINING AND TESTING THIS PLAN

## 9.1 Staff training

All new employees will be made aware of the requirements of the plan as part of their induction process.



All employees will be trained in the use of spill kits and fire extinguishers.



All employees are required to complete refresher training on a regular basis.



In addition to the above induction and training, details of this plan will be provided to key contacts on site and off site on request.

## 9.2 Testing this plan

This plan will be reviewed once a year to ensure that the information contained within the plan is accurate and current. If necessary, the plan will be updated as a new version.



Evaculation drills will be carried out at least once a year.



Improvements identified in the review and drills will implemented.



Records will be kept of the reviews and drills, their outcomes and any improvements identified and implemented.

# 10. LOCATION OF POLLUTANT STORAGE, EVACUATION POINT AND DRAINS

Figure 4 Location of pollutant storage, evacuation point and drains

Engine oil/
coolant/
hydraulic oil
storage

Evacuation
point

Stormwater
drain (see Image 2)



Image 2 Stormwater drain with filter near main gate