

Pollution Incident Response Management Plan (PIRMP) – Ulladulla Recycling and Waste Management Facility

March 2024

POLLUTION INCIDENT RESPONSE MANAGEMENT PLAN

LICENCE NUMBER: 3557

Approved by:

Position/Title: Manager – Waste Services

Signature:

Date: 25 March 2024

PURPOSE:

Shoalhaven City Council (Council) holds an Environment Protection Licence with the NSW Environment Protection Authority (EPA) for the Ulladulla Recycling and Waste Transfer Facility. As per the *Protection of the Environment Operations Act 1997* (the POEO Act), the holder of an Environment Protection Licence must prepare, keep, test and implement a pollution incident response management plan (PIRMP) that complies with Part 5.7A of the POEO Act in relation to the activity to which the licence relates.

If a pollution incident occurs in the course of an activity so that material harm to the environment (within the meaning of section 147 of the POEO Act) is caused or threatened, the person carrying out the activity must **immediately** implement this plan in relation to the activity required by Part 5.7A of the POEO Act.

A copy of this plan must be kept at the licensed premises, or where the activity takes place in the case of mobile plant licences and be made available on request by an authorised EPA officer and to any person who is responsible for implementing this plan.

Parts of the plan must also be available either on a publicly accessible website, or if there is no such website, by providing a copy of the plan to any person who makes a written request. The sections of the plan that are required to be publicly available are set out in clause 98D of the Protection of the Environment Operations (General) Regulation 2009.

NOTE: This plan must be developed in accordance with the *Protection of the Environment Operations Act 1997* and the Protection of the Environment Operations (General) Regulation 2009.

Licencees should also refer to the EPA's *Guideline: Pollution incident response management plans*.

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|-----------------------|--|--------------------------------|------------|
| Adoption Date | 20 March 2015 | Revision | 11 |
| Document Owner | Manager Waste Services | Issue and Currency Date | 25/03/2024 |
| Document Name | Pollution Incident Response Management Plan (PIRMP) - Ulladulla Recycling and Waste Facility | Review Date | 24/03/2025 |
| | | | Page 1 |

Environment Protection Licence (EPL) Details

| | |
|--|---|
| Name of licensee: (including ABN) | Shoalhaven City Council ABN: 59 855 182 344 |
| EPL number: | 3557 |
| Premises name and address: | Ulladulla Recycling and Waste Transfer Station 94 Pirralea Road ULLADULLA NSW 2539 |
| Company or business contact details | Name: Robyn Stevens Position or title: Chief Executive Officer Business hours contact number/s: 02 4429 3111 After hours contact number/s: 02 4421 3100 Email: council@shoalhaven.nsw.gov.au |
| Website address: | www.shoalhaven.nsw.gov.au |
| Scheduled activity/activities on EPL: | Waste processing (non-thermal treatment) Waste storage |
| Fee-based activity/activities on EPL: | Non-thermal treatment of general waste Waste storage – hazardous, restricted solid, liquid, clinical and related waste and asbestos waste Waste storage – other types of waste Waste storage – waste tyres |

Pollution incident – person/s responsible

Contact details must include the names, position titles and 24-hour contact details. Details are to include alternative person/s, should the primary contact be unavailable.

| | |
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| PIRMP activation | Name of person responsible: Position or title: Waste Depot Supervisor Business hours contact number/s: 02 4429 5680 |
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|-----------------------|--|--------------------------------|------------|
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| | | | Page 2 |

After hours contact number/s:

Email:

Alternative (initial contact if responsible contact is not available):

1.

Name of person responsible:

Position or title: Waste Operations Coordinator

Business hours contact number/s:

After hours contact number/s:

Email:

Pollution incident – person/s responsible, continued

Notifying relevant authorities

Notification should be made by a person with an appropriate level of authority within the company.

Name of person responsible:

Position or title: Waste Depot Supervisor

Business hours contact number/s: 02 4429 5680

After hours contact number/s: Contact Weighbridge Operator (alternative contact)

Email:

Alternative:

1.

Name of person responsible: (notify EPA)

Position or title: Environmental Projects Manager

Business hours contact number/s: 02 4429 3554

After hours contact number/s:

Email:

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|-----------------------|--|--------------------------------|------------|
| Adoption Date | 20 March 2015 | Revision | 11 |
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Managing response to pollution incident**Name of person responsible:****Position or title:** Waste Depot Supervisor**Business hours contact number/s:** 02 4429 5680**After hours contact number/s:****Email:****Notification of relevant authorities**

Identify any persons or authorities required to be notified as per Part 5.7A of the POEO Act in the case of a pollution incident that causes or threatens to cause material harm to the environment.

Relevant authorities include:

1. Fire & Rescue NSW and/or Rural Fire Service as applicable – 000 (first notification)
2. EPA – 131 555
3. NSW Health (nearest public health unit)

See www.health.nsw.gov.au/Infectious/Pages/phus.aspx for local contact details.

4. SafeWork NSW – 131 050
5. Local authority (usually the local council) in which the pollution has occurred.

Note: The local council and public health unit will vary depending on the location of the pollution incident. For mobile plant licences the PIRMP will need to include the person or people who are responsible for identifying the local authority and nearest public health unit.

| | | |
|---|--------------------------------------|--|
| Fire & Rescue NSW / Rural Fire Service | Contact number/s: | 000 02 4478 4977 (Ulladulla Fire Station) |
| EPA | Contact number/s: | 131 555 |
| NSW Health | Relevant Area Health Service: | Illawarra Shoalhaven |
| | Contact number/s: | 02 4454 9100 (Milton/Ulladulla Hospital) |
| SafeWork NSW | Contact number/s: | 13 10 50 02 4428 6700 (Nowra office) |
| Poisons Information Centre | Contact number/s: | 13 11 26 |
| SES NSW | Contact number/s: | 132 500 |

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|-----------------------|--|--------------------------------|------------|
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| | | | Page 4 |

| | | |
|--|--------------------------|--|
| Endeavour Energy | Contact number/s: | 13 10 03 |
| Shoalhaven Water – Environmental Health Officer | Contact number/s: | 02 4429 3111 02 4421 3100 (after hours) |
| Local Police Station (Ulladulla) | Contact number/s: | 02 4454 8599 |
| Local Ambulance Station (Ulladulla) | Contact number/s: | 13 12 33 |

Notification of relevant authorities, continued

| | | |
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| Local authority/s Identify the local authority for the area in which the premises to which the environment protection licence relates, and any area, is affected, or potentially affected, by the pollution. | Contact number/s: | Council Ranger – 1300 293 111 or 02 4429 3245 Weighbridge - 02 4444 8870 |
| Any other identified organisation or agency requiring notification (if applicable) e.g. Water NSW, Department of Planning Industry and Environment, Roads and Maritime Services | Contact number/s: | See list above |

Notification of neighbours and the local community

Identify owners or occupiers of premises in the vicinity of the licensed premises, including any sensitive premises (e.g. schools, preschools, hospitals, nursing homes):

Developed properties within 500m of 94 Pirralea Road:

Commercial Properties:

Ulladulla Tafe – 156 Green Street, approx.. 430m east – phone: 131 601

Gnulla-Dulla Garden Centre – 5 Cashman Road, approx. 140m east – phone: 02 4454 4166

Residential Properties:

- 3, 11 & 36 Whitegum Road;
- 1, 5, 6, 6A & 7 Greenview Close;
- 10, 20 & 22 Benowa Way;
- 6B, 26, 31, 41, 51, 57, 65, 73 & 75 Washburton Road;
- 69 & 91 Pirralea Road;

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|-----------------------|--|--------------------------------|------------|
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| Document Name | Pollution Incident Response Management Plan (PIRMP) - Ulladulla Recycling and Waste Facility | Review Date | 24/03/2025 |
| | | | Page 5 |

- 60 & 149 Green Street;
- 23, 25, 27, 29, 38, 36, 34 32, 30 & 28 Budawang Drive;
- 11, 13A, 13B, 15, 17, 19, 21, 22, 24, 26, 28, 30, 32, 34, 36, 38 & 40 Abbey Road
- 16 and 20-36 Cashman Road
- 1, 5 Banyalla Place
- 1, 3, 4, 6 & 8 Jarrah Place
- 7, 8, 9, 10 & 11 Gadara Place

Details of how the neighbours will be informed of the incident, including early warnings and regular updates (e.g. door knock, phone call, emergency alert):

Early warnings and regular updates to owners and occupiers of neighbouring properties who may be affected by a pollution incident will be notified. The notification mechanism to be employed in the event of an incident is Council’s Waste and Recycling Services website. Council’s website address is www.shoalhaven.nsw.gov.au.

The notification will provide specific information to the neighbouring properties and local community so it can minimise the risk of harm. Information could include instructions to avoid the use of water in creeks or rivers affected by pollutant discharges or likely to be affected, or remain within buildings or close all windows and doors for incidents involving emission of air pollutants.

Description and likelihood of hazards

Provide a description of the hazards to human health or the environment associated with the activity to which the licence relates:

- Pollution of water, soil or air
- Fire
- Noise
- Litter
- Pest species and Environmental/Noxious Weeds

The qualitative measure of Likelihood adopted by Shoalhaven City Council for risk assessments is outlined below:

What is the likelihood of the incident?

- **Almost certain** the event is likely to occur in most circumstances
- **Very likely** the event will probably occur in most circumstances
- **Likely** the event could occur at some time
- **Possible** the event is unlikely to occur
- **Rare** the event may only occur in exceptional circumstances

| | | | |
|-----------------------|--|--------------------------------|------------|
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The qualitative measure of consequence adopted by Shoalhaven City Council for risk assessment is outlined below:

What is the environmental impact of this incident?

- **Catastrophic** massive effect with international impact or permanent environmental impact
- **Major** major effect with national impact or extensive temporary or minor permanent environmental impact
- **Local** local effect with regional impact. Temporary environmental damage, consultants required for assessment and clean-up
- **Minor** minor effect with local/limited impact. Environmental clean-up done in house
- **Weak** small effect with onsite/immediate vicinity impacts. Dealt with in-house

The risk matrix is outlined below:

| Risk Matrix | | | Environmental Impact | | | | |
|-------------|----------------|---|----------------------|--------|--------|--------|--------------|
| | | | Weak | Minor | Local | Major | Catastrophic |
| | | | 1 | 2 | 3 | 4 | 5 |
| Likelihood | Rare | A | Low | Low | Low | Low | Medium |
| | Possible | B | Low | Low | Low | Medium | Medium |
| | Likely | C | Low | Low | Medium | Medium | High |
| | Very Likely | D | Low | Medium | Medium | High | High |
| | Almost Certain | E | Medium | Medium | High | High | High |

Identify the likelihood of any such hazards occurring, including details of any conditions or events that could, or would, increase that likelihood:

Table 1: Hazard Risk Assessment that could occur onsite if no mitigation activities were implemented.

| Potential Hazard | Likelihood | Environmental Impact | Risk Rating |
|---------------------------------------|------------|----------------------|-------------|
| Pollution of surface water | E | 3 | High |
| Pollution of ground water | D | 3 | Medium |
| Failure of sediment controls | C | 2 | Low |
| Site flooding | B | 2 | Low |
| Failure of leachate management system | C | 3 | Medium |

| | | | |
|-----------------------|--|--------------------------------|------------|
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| Document Name | Pollution Incident Response Management Plan (PIRMP) - Ulladulla Recycling and Waste Facility | Review Date | 24/03/2025 |
| | | | Page 7 |

| | | | |
|---|---|---|--------|
| Pollution of soil | E | 3 | High |
| Spill of hazardous material (eg. Diesel or oil) | C | 2 | Low |
| Pollution of air - dust | E | 1 | Medium |
| Pollution of air - odour | E | 1 | Medium |
| Pollution of air - noise | C | 1 | Low |
| Pollution of air - landfill gas | D | 2 | Medium |
| Accumulation of landfill gas in confined spaces | B | 3 | Low |
| Ignition of accumulated landfill gas | A | 2 | Low |
| Fire in stockpiles/waste | B | 3 | Low |
| Bushfire | B | 3 | Low |
| Windblown litter | E | 1 | Medium |
| Spread of pests/vermin | D | 2 | Low |
| Spread of environmental/noxious weeds | D | 2 | Low |
| Breach of development consent conditions | B | 1 | Low |
| Breach of hours of operation | A | 1 | Low |
| Breach of EPA licence conditions | B | 1 | Low |
| Traffic accident | B | 2 | Low |

Pre-emptive actions that have been implemented to minimise potential hazards include:

- This PIRMP
- Waste Depot Safe Operating Procedure
- Site Emergency Procedure Manual
- Landfill Environmental Management Plan
- Waste Depot Site Inductions
- Standard operating procedures and inductions for plant, equipment and vehicles
- Safe Work and Standard Operating Procedures (SWPs and SOPs):
 - Waste depot guidelines
 - Separated brick and concrete
 - Dust control

| | | | |
|-----------------------|--|--------------------------------|------------|
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| | | | Page 8 |

- Mulch pasteurisation
- Working with or near garbage/biological waste
- Disposal of asbestos waste
- After hours access for emergency and/or essential services
- Scavenging
- Working on batters
- CRC operations
- Plant operations in customer service areas
- Tip face operations
- Liquid storage containers banded and undercover
- Onsite spill kits near higher risk activities
- First aid kits across the site and within all vehicles
- Onsite water carts to wet down roads and hardstand areas and to provide onsite firefighting capability
- Personal Protective Equipment

Conditions/events that increase the likelihood of an incident or environmental impact include:

- High rainfall
- Incorrect storage or management of waste and stockpiles
- Poor management of waste and stockpiles
- Ineffective cover (daily or final capping) of waste
- Acceptance of unauthorised waste
- Poor construction and management of landfill cells and infrastructure (such as leachate dams, diversion drains etc)
- Poor maintenance and operational procedures of machinery and plant
- Incorrect management of leachate disposal system (sprayers and disposal field)
- High wind conditions (dust generation, wind blown odour)
- Poor management of methane collection system
- Fire danger periods (bushfire season)
- Incorrect management of mulch could ignite fire
- Operating machinery or plant outside hours of operation
- Uncovered waste loads

| | | | |
|-----------------------|--|--------------------------------|------------|
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| | | | Page 9 |

- Incorrect transport, handling and management of weed waste
- Poor control of pest species

Pre-emptive actions to be taken

Provide detailed descriptions of the pre-emptive actions to be taken to minimise or prevent any risk of harm to human health or the environment arising from the activities undertaken at the premises:

Incorrect storage or management of waste, material and stockpiles

- Liquid wastes, or materials with a spill risk (such as batteries), will be stored in roofed and bunded areas.
- Not storing waste in standing water
- Minimising disturbance of previously landfilled areas
- Ensuring stockpiles are appropriately located and shaped to minimise contamination and erosion. Combustible wastes (tyres and green wastes) to be placed in piles and windrows no higher than 3m and away from working and public areas.
- All empty drums accepted at the depot will be washed clean and punctured in order to not contain any residual chemical fuels.
- All fuels and flammable solvents used for operational purposes to be stored in suitably ventilated and secure storage areas.
- Waste oil and other liquids to be stored within a bund of 110% capacity of the volume of the stored material
- Waste will be stored in a manner that minimises any nuisance or environmental impact.

Ineffective cover (final capping) of waste

- Completed landfill cells are capped with a final capping layer. Regular inspection and maintenance to ensure the seal remains intact and any issues remediated promptly.

Green waste processing (shredding, screening and pasteurisation)

- Ensure compliance with standard operating procedures for mulch pasteurisation to avoid dust and odour generation
- Monitor presence of surface water around windrows to prevent contamination and saturation
- Avoid shredding, screening and turning of windrows on windy days
- Utilising water spraying where appropriate to minimise emission of dust
- Proper training of involved staff

| | | | |
|-----------------------|--|--------------------------------|------------|
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| Document Name | Pollution Incident Response Management Plan (PIRMP) - Ulladulla Recycling and Waste Facility | Review Date | 24/03/2025 |
| | | | Page 10 |

Acceptance of unauthorised waste

- Erection and display of appropriate signage and the entrance to the facility indicating the types of wastes accepted
- Visual and CCTV inspection and screening of all incoming and outgoing loads
- Refusing entry to vehicles carrying wastes not accepted at the facility
- Inspection and screening of waste at the weighbridge. Any waste suspected of being unacceptable will be refused
- In the event that unacceptable waste is identified in the landfilling and / or stockpiling areas, Council will immediately segregate, isolate and contain the waste away from the active waste disposal area / stockpiles. Details of the waste, such as type, the source and the vehicle and driver identification, will be recorded. The waste carrier (driver) will be advised the waste is not acceptable and must be loaded back onto the vehicle where practical and safe to do so, at the owner's cost. The vehicle will then be escorted from the landfill by Council staff. Council may, if deemed necessary and / or appropriate, advise the driver of the vehicle to contact the EPA for advice on the correct disposal of the unacceptable waste (at the waste owner's cost). Council Rangers may also be contacted and informed of the incident;
- In the event that unacceptable waste is identified during the stockpiling or spreading and compaction of deposited waste, Council will segregate, isolate and contain the waste away from the active waste disposal area.

Poor construction and management of infrastructure (such as leachate dams, diversion drains etc)

- All design and construction work for the Facility will be undertaken by suitably qualified and experienced personnel and consultants / contractors in accordance with relevant Australian construction standards, and industry best practice guidelines.
- Operation of the facility will be undertaken in accordance with this LEMP and the conditions of EPL number 3557.
- All environmental monitoring and / or sampling will be undertaken by suitably qualified and experienced Council staff and / or environmental consultants.
- Internal Quality System audits will be conducted by Council and external audits undertaken as required.
- Regular inspection and maintenance of infrastructure (such as leachate system, surface water system, methane collection system, etc)
- Regular monitoring of groundwater, surface water, surface methane and subsurface methane in accordance with the EPL.
- Regular inspection and maintenance of completed/capped areas

Poor maintenance of machinery and plant

- Ensure plant and equipment are appropriately serviced and kept in good working order
- Avoiding use of plant or machinery with defective pollution control devices (mufflers, filters etc)
- Avoiding use of plant, machinery or equipment with tonal movement alarms
- Minimise noisy/potentially noise work adjacent to nearby residential areas

| | | | |
|-----------------------|--|--------------------------------|------------|
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| | | | Page 11 |

Incorrect management of leachate system (dams, pumps/pipes, sprayers and disposal field)

- Avoid operating spray irrigation during windy or wet conditions
- Regular inspection of leachate disposal field for evidence of failure or saturation
- Monitoring water volumes in the leachate system (visual and electronic monitoring)
- Regular maintenance of leachate disposal system

High wind conditions (dust generation, windblown odour, windblown litter)

- Minimise odour generation by managing waste and odour generating activities appropriately
- Minimise dust generating work during windy periods
- Restrict vehicle speeds at the facility
- Use of a water cart
- Stockpile heights limited to 3m
- Minimise exposed earthworks
- Ensure plant and equipment are fitted with appropriate pollution control devices

Poor management of methane collection system

- Avoid flaring methane in adverse weather conditions
- Regular inspection and maintenance of methane collection system
- Monitoring gas volumes in the and discharge concentrations within the system

Incorrect management of mulch could ignite fire

- Adherence to Council's standard operating procedure for mulch pasteurisation, including regular temperature checks of mulch stockpiles
- Daily inspection of mulch stockpiles to identify any visual evidence of ignition

Control of litter

- Establish and maintain strategically located litter fences (temporary and permanent)
- Regular litter collection throughout the facility and outside the perimeter where required
- Covering loads when entering and existing the site and during transit
- Avoid tipping and waste handling during windy conditions

| | | | |
|-----------------------|--|--------------------------------|------------|
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| Document Name | Pollution Incident Response Management Plan (PIRMP) - Ulladulla Recycling and Waste Facility | Review Date | 24/03/2025 |
| | | | Page 12 |

- Prompt, efficient and continuous management of delivery areas and stockpiles when unloading
- Storage of light materials prone to becoming windblown litter (such as Styrofoam) within enclosed areas/buildings
- Litter collected from surface water drains, inlets or pipes and culverts on a regular basis

Incorrect transport, handling and management of weed waste

- Educate waste transporters on appropriate transport and handling of weed wastes
- Separate weed wastes from green waste stockpiles to avoid cross contamination/seeding
- Inspection and screening of green waste stockpiles during mulching. Any waste suspected of being unacceptable will be segregated, isolated and inspected
- Immediate segregation of weed waste

Poor control of pest species

- Use traps/baits to deter and/or control vermin
- Keep leachate and stormwater ponds free of mosquito breeding larvae
- Ensure waste is appropriately covered/managed to minimise attracting pests species

Inventory of pollutants

Provide an inventory of potential pollutants on the premises or used in carrying out the activity to which the licence relates:

Identify the maximum quantity of any pollutant/s likely to be stored or held at particular locations (including underground tanks) at or on the premises to which the licence relates.

Example

| Location/Tank | Max. quantity | Contents | Comments |
|------------------------------|---------------|--|--|
| Fuel Trailer (fixed, banded) | 1,000L | Diesel fuel for operational purposes | |
| Fuel (drum) | 20L | Diesel fuel for operational purposes | |
| CRC liquid waste collection | 2,000L | Waste oil, paints, household chemicals | Self-contained and banded storage tanks/cages for individual waste streams. Regularly monitored and emptied on demand as required to ensure minimal volumes are stored onsite. |

| | | | |
|-----------------------|--|--------------------------------|------------|
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| Document Name | Pollution Incident Response Management Plan (PIRMP) - Ulladulla Recycling and Waste Facility | Review Date | 24/03/2025 |
| | | | Page 13 |

| | | | |
|-----------------------------------|---|--|---|
| | | | Household chemicals are discouraged – individuals are directed to household chemical cleanout collections. When household chemicals are identified onsite they are removed as soon as practical. |
| CRC – non liquid waste collection | 20m ³ of e-waste ~20 batteries ~20 gas bottles | Batteries, LPG bottles, e-waste, smoke alarms | Covered and bunded storage areas for each individual waste stream. Gas bottles should be delivered empty therefore volumes of gas are expected to be negligible. Stockpiles are regularly monitored and emptied on demand as required to ensure minimal volumes are stored onsite. |
| Tyre stockpile | 25T | Waste tyres | Stockpiled separately in piles no more than 3m in height and located away from public and working areas. |
| Mulch windrows | 4,000T (combined with green waste) | Shredded green waste undergoing pasteurisation process | Processed in windrows no more than 3m in height and located away from public and working areas. |
| Green waste stockpiles | 4,000T (combined with mulch) | Unprocessed green waste | Stockpiled separately in piles no more than 3m in height and located away from working areas. |
| Asbestos | 15m ³ | Appropriately wrapped asbestos – household quantities only | Asbestos deliveries arrive in a designated, signposted storage area within a skip bin. Asbestos is regularly transferred out of the site for final disposal at West Nowra. |
| Cleaning products | 60L | Various cleaning chemicals for use in day-to-day cleaning | Appropriate training and storage provided. |
| Adblue | 125L | Chemical additive for operational vehicles | Stored in a self-bunded container in an enclosed storage container |
| Hydraulic oil | 500L | Oil for operational vehicles and plant | Stored in an enclosed storage container |
| Grease | 40kg | Grease for operational plant and equipment | Stored in an enclosed storage container |
| Rapid set concrete | 80kg | Used in routine maintenance activities | Stored in a secure, dry location |
| Insecticides | 2kg | Small quantities in site offices and cleaning supply store | For use by staff on their person (insect repellent); in buildings (bug spray) during routine operational activities and in the control of pests/vermin |
| Paints (operational) | 6kg | Storage Shed | For use in routine operational and maintenance activities |
| White Zinc | 3.2kg | Storage Shed | For use in routine maintenance activities |

| | | | |
|-----------------------|--|--------------------------------|------------|
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| Document Name | Pollution Incident Response Management Plan (PIRMP) - Ulladulla Recycling and Waste Facility | Review Date | 24/03/2025 |
| | | | Page 14 |

| | | | |
|-----------------------|----------------------------------|----------------------------------|---|
| Lubricants | 2.2L | Storage Shed | For use in routine maintenance activities and mechanical repairs |
| Oils (operational) | 200L | Storage Shed | For use in routine maintenance activities and mechanical repairs |
| Coolant (operational) | 100L | Storage Shed | For use in routine maintenance activities and mechanical repairs |
| Grease | 50L | Storage Shed | For use in routine maintenance activities and mechanical repairs |
| Herbicide | 20L | Storage Shed | For use in routine activities to control weeds (noxious and environmental) |
| Leachate | 8000m ³ (max. volume) | Leachate dam on western boundary | Routinely irrigated onto disposal field to evaporate off water and reduce volume stored onsite. |

Safety equipment

Describe the safety equipment or other devices used to minimise the risks to human health or the environment and to contain or control a pollution incident:

One mobile appliance with total water capacity of approx. 2,000L – mobile plant able to be moved from one location to another to assist in fire fighting activities

Dry chemical extinguisher – located in in several locations throughout the site including: weighbridge office, main office, meeting room, crib room, kitchen, pickers office and buyback centre

Fire hose reels – located in in several locations throughout the site including: two at skip bin transfer area and one at weighbridge

Spill kits – located at weighbridge, near crib room

Fire blanket – kitchen

First aid kits – located in in several locations throughout the site including: crib room and supervisors office.

Eyewash station - located in in several locations throughout the site including: transfer area, CRC shed, co-supervisors office.

AED – located at the supervisors office are the locations listed accurate?

Personal protective equipment (PPE) including long shirt, long pants, high-visibility reflective shirts/vests/jackets, sunglasses/eye protection, hardhat (where appropriate), steel capped shoes to be worn by operational staff and consultants involved in onsite activities (such as water sampling), and task specific PPE as required.

All plant and equipment used in the provision of services at the Depot will have all mandatory safety and noise reducing equipment.

| | | | |
|-----------------------|--|--------------------------------|------------|
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| Document Name | Pollution Incident Response Management Plan (PIRMP) - Ulladulla Recycling and Waste Facility | Review Date | 24/03/2025 |
| | | | Page 15 |

Communicating with neighbours and the local community

Identify details of the mechanisms for providing early warnings and regular updates to owners and occupiers of premises in the vicinity of the premises to which the licence relates or where the scheduled activity is carried out:

Early warnings and regular updates to owners and occupiers of neighbouring properties who may be affected by a pollution incident will be published on Council's Waste and Recycling Services website. Council's website address is www.shoalhaven.nsw.gov.au.

The notification will provide specific information to the neighbouring properties and local community so they can minimise the risk of harm. Information could include instructions to avoid the use of water in creeks or rivers affected by pollutant discharges or likely to be affected, or remain within buildings or close all windows and doors for incidents involving emission of air pollutants.

Develop any specific information that could be provided to the community, so it can minimise the risk of harm:

Council's community education team provide substantial information on the Council's waste section webpage in relation to waste management and preventing contamination/environmental harm. In addition, the education team have regular radio segments, provide written information brochures, informational letters with rates notices and offer free 'tip tours'. The aim of these engagements is to educate the community about what can be accepted at the site, what actions Council are taking to prevent environmental harm and how the community can contribute to this goal (ie by not contaminating waste streams, delivering hazardous materials to the correct places etc).

Minimising harm to persons on the premises

Identify the arrangements for minimising the risk of harm to any persons who are on the premises or who are present where the scheduled activity is being carried out:

Follow the instructions outlined in *Site Emergency Procedure Manual – Ulladulla Recycling and Waste Depot, version 6, 17 November 2023*, in particular Section 4.3 Emergency Response Guidelines, and

Contact the appropriate persons and relevant authorities, as per this *Pollution Incident Response Management Plan*.

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|-----------------------|--|--------------------------------|------------|
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| Document Name | Pollution Incident Response Management Plan (PIRMP) - Ulladulla Recycling and Waste Facility | Review Date | 24/03/2025 |
| | | | Page 16 |

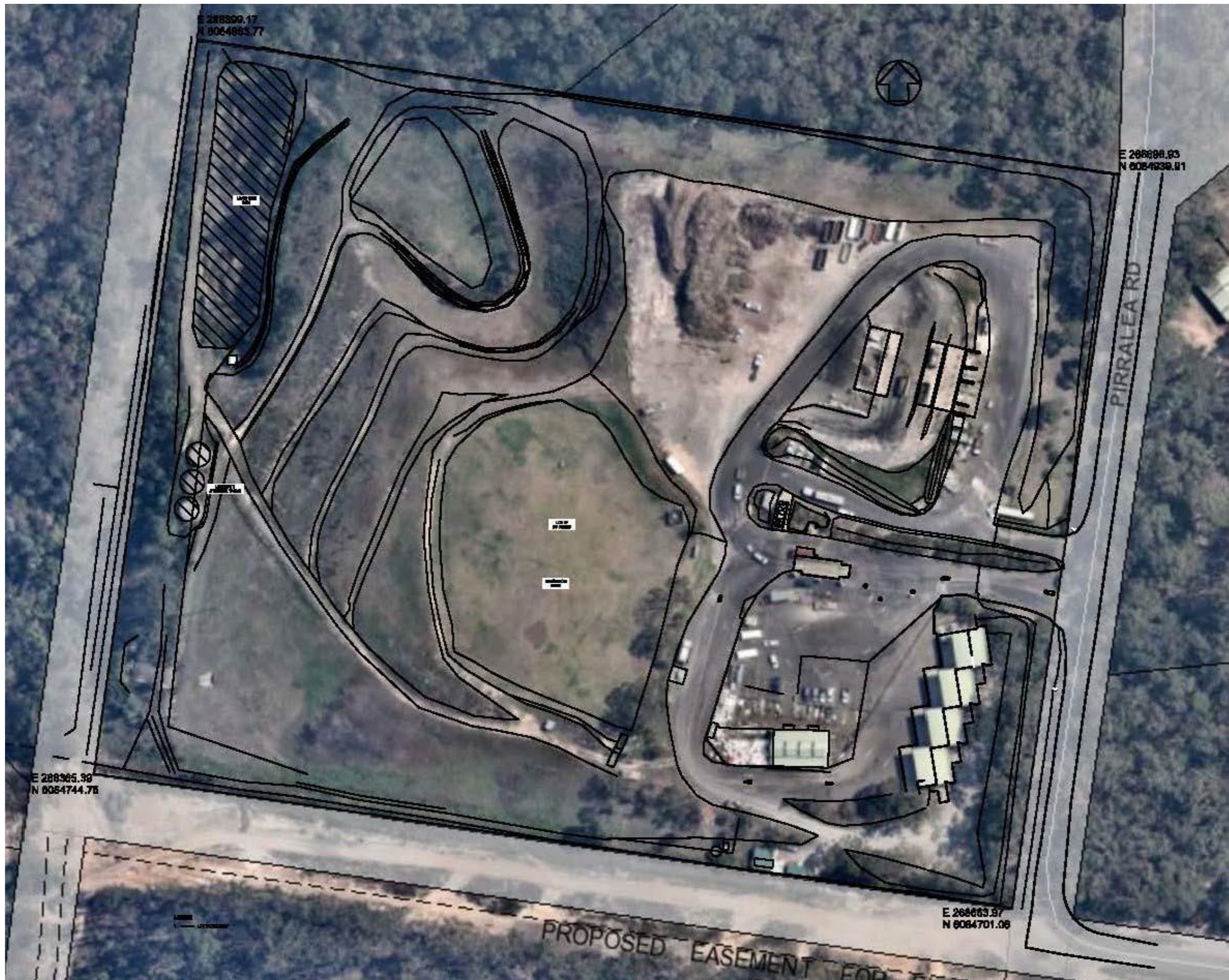
Maps

Provide a detailed map (or set of maps) showing the:

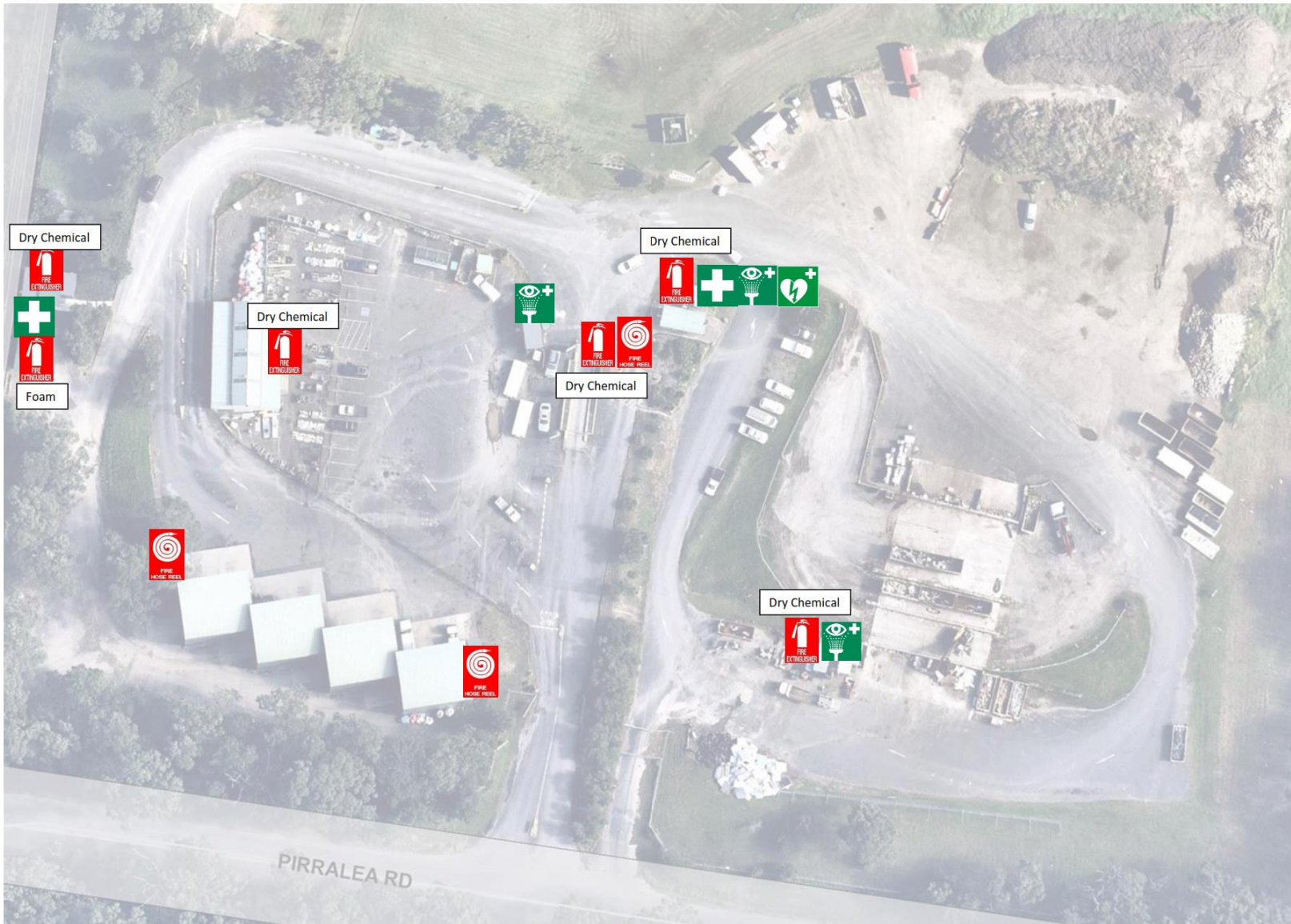
- location of the premises to which the licence relates
- surrounding area likely to be affected by a pollution incident
- location of potential pollutants on the premises
- location of any stormwater drains on the premises.

It is also recommended the position of any discharge points or any other useful information be included on the map/s, and that any important details on the map are labelled (e.g. the nearest water course or water body that stormwater drains located on the premises discharge to).

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|-----------------------|--|--------------------------------|------------|
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| Document Name | Pollution Incident Response Management Plan (PIRMP) - Ulladulla Recycling and Waste Facility | Review Date | 24/03/2025 |
| | | | Page 17 |



| | | | |
|-----------------------|--|--------------------------------|------------|
| Adoption Date | 20 March 2015 | Revision | 11 |
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| Document Name | Pollution Incident Response Management Plan (PIRMP) - Ulladulla Recycling and Waste Facility | Review Date | 24/03/2025 |
| | | Page 18 | |



| | | | |
|-----------------------|--|--------------------------------|------------|
| Adoption Date | 20 March 2015 | Revision | 11 |
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| | | | Page 19 |

Actions to be taken during or immediately after a pollution incident

Develop a detailed description of the actions to be taken immediately after a pollution incident to reduce or control any pollution. These should include as a minimum, early warnings, updates and actions to be taken during and after an incident:

1. In the event of a significant pollution incident at the Ulladulla Recycling and Waste Facility that requires Emergency Services, 000 should be called immediately.
2. The area should then be isolated to ensure there is no access other than relevant emergency response personnel.
3. Notify site manager/supervisor of incident – supervisor to establish whether the pollution incident will cause material harm to the environment, and if so, activate the PIRMP and notify the Team Supervisor
4. If safe prevent further pollution at source (where applicable) ie. Stand tipped container upright, plug opening in container, create temporary bund/dam etc
5. Deploy containment devices (spill kit for liquids, fire extinguishers or fire hose for fire, water cart for dust etc)
6. Team Supervisor and Environmental Projects Manager to notify relevant authorities and weighbridge
7. Ensure future operations adopt best-practice methods for pollution control/avoidance

When a pollution incident occurs, the severity of the event will be established by the Site Coordinator, to determine the extent of communications:

Level 1 – Pollution could only affect those in the immediate area

Action Site workers notified and the area cordoned for pollution incident management under the direction of Site Manager/Supervisor and/or relevant authority, such as Fire & Rescue.

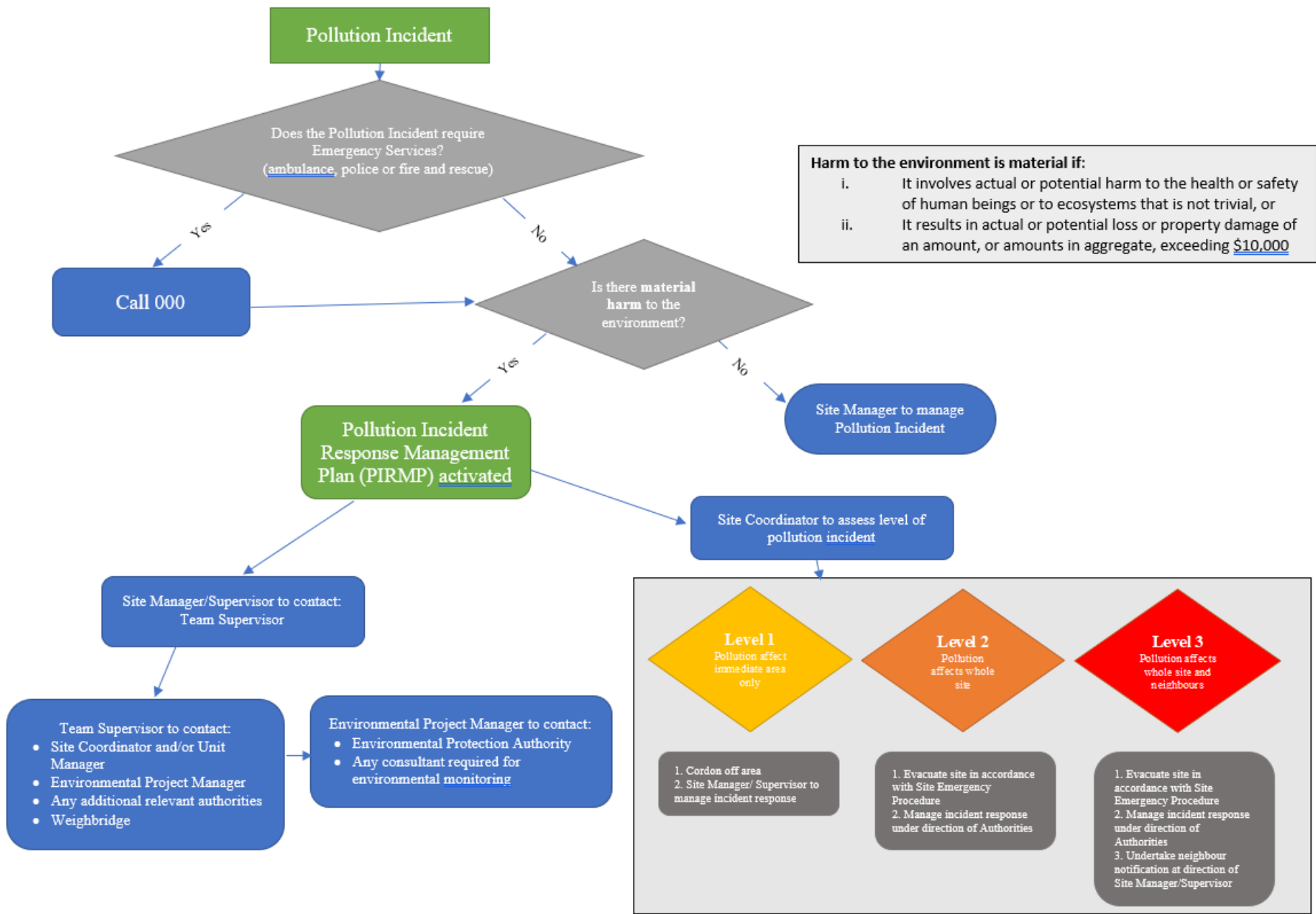
Level 2 – Pollution could affect all those on site

Action Site evacuated and pollution incident management under the direction of Site Manager/Supervisor and/or relevant authority, such as Fire & Rescue.

Level 3 – Pollution could affect whole of site and surrounding neighbours

Action Site evacuated, pollution incident management under the direction of the Site Manager/Supervisor and/or relevant authority, such as Fire & Rescue. Neighbours notified by door knock (if threat is immediate) by Site Manager/Supervisor or through notification on Council's webpage and updated regularly as required during incident management.

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|-----------------------|--|--------------------------------|------------|
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| Document Name | Pollution Incident Response Management Plan (PIRMP) - Ulladulla Recycling and Waste Facility | Review Date | 24/03/2025 |
| | | | Page 20 |



| | | | |
|-----------------------|--|--------------------------------|------------|
| Adoption Date | 20 March 2015 | Revision | 11 |
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| Document Name | Pollution Incident Response Management Plan (PIRMP) - Ulladulla Recycling and Waste Facility | Review Date | 24/03/2025 |
| | | | Page 21 |

Develop a detailed description of how any identified risk of harm to human health will be reduced, including (as a minimum) by means of early warnings, updates and the action to be taken during or immediately after a pollution incident to reduce that risk:

8. Contain pollutant to the site (liquid, solid, gas) or contain the event to prevent spread (fire)
9. If appropriate move nearby materials away from incident to prevent spread
10. If appropriate divert surface water around the site
11. Commence environmental monitoring (water or air) as required by the EPL, directed by the EPA, or recommended by Council's environmental consultant (ENRS)
12. If necessary, publish public health warnings on Councils webpage
13. PIRMP to be 'tested' (reviewed) within one month of pollution incident

Identify any actions to be taken in combating the pollution caused by the incident and how any clean-up and associated funding resulting from an incident will be undertaken:

14. Continue environmental monitoring as required or directed.
15. Prepare and implement a pollution clean-up plan, if required

Coordinating with persons

Identify the procedures to be followed for coordinating with the authorities or persons who have been notified:

1. Whoever becomes aware of a pollution incident (whether an employee, contactor, agent, occupier of premises or other) must notify immediately:
 - o Waste Depot Supervisor; or
 - o Waste Operations Coordinator, or
 - o Waste Services Manager
2. Waste Supervisor (or Coordinator, or Manager) to notify weighbridge operator, Environmental Projects Manager and relevant emergency services:

Fire & Rescue NSW / Rural Fire Service

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02 4478 4977 (Ulladulla Fire Station)

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|-----------------------|--|--------------------------------|------------|
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| | | | Page 22 |

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| NSW Health | Illawarra Shoalhaven 02 4454 9100 (Milton/Ulladulla Hospital) |
| SafeWork NSW | 131 050 02 4428 6700 (Nowra office) |
| Poisons Information Centre | 13 11 26 |
| SES NSW | 132 500 |
| Endeavour Energy | 13 10 03 |
| Shoalhaven Water – Environmental Health Officer | 02 4429 3111 02 4421 3100 (after hours) |
| Local Police Station (Ulladulla) | 02 4454 8599 |
| Local Ambulance Station (Ulladulla) | 13 12 33 |

- Environmental Projects Manager to report to EPA incident hotline and prepare written report as necessary. In the case of water or soil contamination Environmental Projects Manager to advise Council’s environmental consultant (ENRS) and determine need for ongoing environmental monitoring.

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| EPA | 131 555 |
| ENRS | 02 4448 5490 0401 518 443 |

Identify the person/s through whom all communications are to be made:

EPA communications to Environmental Projects Manager.

All other correspondence to Waste Depot Supervisor or authorised representative.

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|-----------------------|--|--------------------------------|------------|
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| | | | Page 23 |

Staff training

Identify the nature and objectives of any staff training program in relation to this plan:

All Council Employees and Agents of Council (Contractor) at the Premises will be made aware on the implementation of the PIRMP as follows:

- Existing Council Employees – during the regular toolbox meetings,
- New Council Employees – as part of the employee’s induction at the Premises,
- Existing Agents of Council (Contractors) – during regular Contractor toolbox meetings, and
- New Agents of Council (Contractors) – as part of the Contractor’s employee induction at the Premises.

Refresher training will be conducted annually. A written record of all Council Employees trained must be kept and maintained, the same applies to all Agents of Council (Contractors). Records may be audited.

Testing and updating of the PIRMP

It is a legal requirement to test the plan every 12 months and within one month of any pollution incident.

Detail the manner in which the plan is to be tested and maintained to ensure the information included in the plan is accurate and up-to-date and the plan is capable of being implemented in a workable and effective manner:

The requirements for the document review are:

- Annual reviews starting from the date of the first version of the document
- Review if there is any significant change in process or operation on the site
- Review if there is a change to legislation or the requirements of the Environmental Protection Licence
- Review where any testing event indicated a failure or inefficiency in the plan
- A ‘test’ and review is require within 30 days of any pollution incident

Detail how the testing is documented and recorded (this must include the testing dates and the names of all staff members who carried out the testing):

Detail the dates on which the plan was updated:

Example: PIRMP testing details

| Date tested | Tested by (to include the names of all people involved in testing) | Details of test (e.g. nature of the test, involvement of other agencies) | Finding of test, including issues identified | Next scheduled testing date (must be within 12 months from current test) |
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| | | | | |
|-----------------------|--|--|--------------------------------|------------|
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| | | | | Page 24 |

Note: Testing must cover all components of the plan.

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| e.g. 24.02.18 | Joan Smith, Environment Manager | Desktop simulation – chemical spill | Contact details, map and pollutant inventory out of date | 23.02.19 |
|---------------|---------------------------------------|-------------------------------------|---|----------|

PIRMP update details

| Date update occurred | Reason for update (e.g. address issues identified in testing, contact details/personnel have changed) | Details of updates (nature of changes to PIRMP) | Date the updated version uploaded to website (if applicable) | Date of completion |
|----------------------|---|--|--|--------------------|
| 27/03/2021 | Annual Review | | | 27/03/2021 |
| 25/03/2022 | Annual Review | | | 25/03/2022 |
| 02/05/2023 | Update contact details, personnel, relevant agencies, new EPA format required | Changes to format, new site plan, update personnel and contact details, update references to SEPS, new emergency equipment location plan | | 13/03/2023 |
| 25/03/2024 | Annual Review | Update contact details, personnel, relevant agencies, update references to SEPS, update dangerous goods table, inset risk matrix and PIRMP activation flow chart | | 28/03/2024 |

EPA 2020P2148
March 2020

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| | | | Page 25 |