

**POLLUTION INCIDENT RESPONSE
MANAGEMENT PLAN – (PIRMP)**

**Lucas Heights Resource
Recovery Park**

***New Illawarra Rd,
Lucas Heights NSW 2234***

EPA LICENCE NO. 12520 & 5065

Revision Status:

| Date | Issue | By | Checked | Approved and understood by |
|-------------|----------------|------------------------|----------------|-----------------------------------|
| 05/01/2022 | Previous Issue | Previous SUEZ Template | | |
| 26/05/2022 | 1 | AP | HR | LC/LS |
| 05/05/2023 | 2 | NA / HR | HK, LC & LS | LC/LS |
| 03/05/24 | 3 | MH | IY, LC & LS | LC/LS |
| 12/5/2025 | 4 | NA | HK, CS, SP | LC/LS |
| 26/03/2026 | 5 | NA | LC, SB, & LS | LC/LS |
| 16/04/2026 | 6 | NA | Minor Update | |

Figure 1 outlines the Cleanaway protocol for the response to pollution incidents

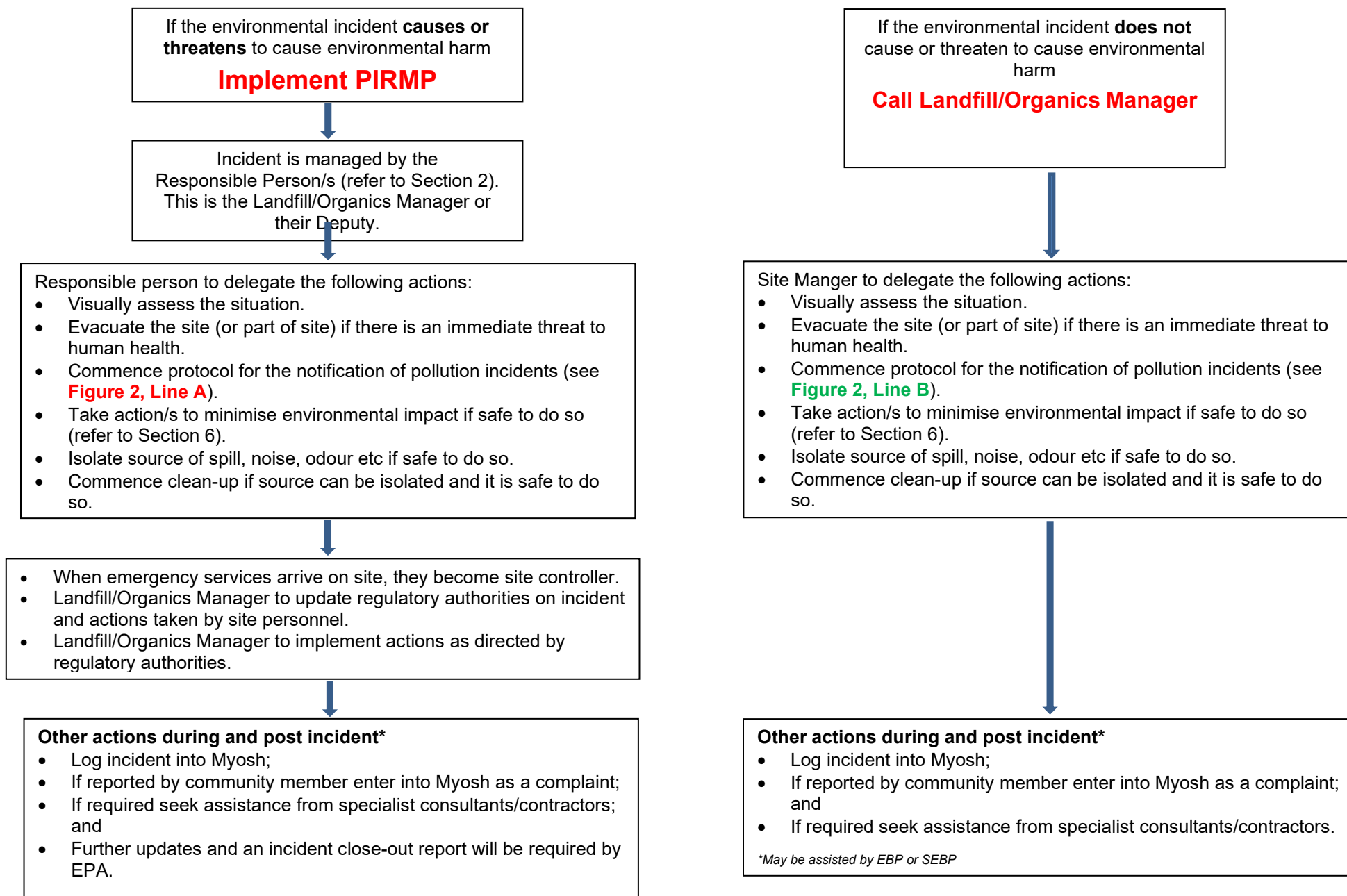
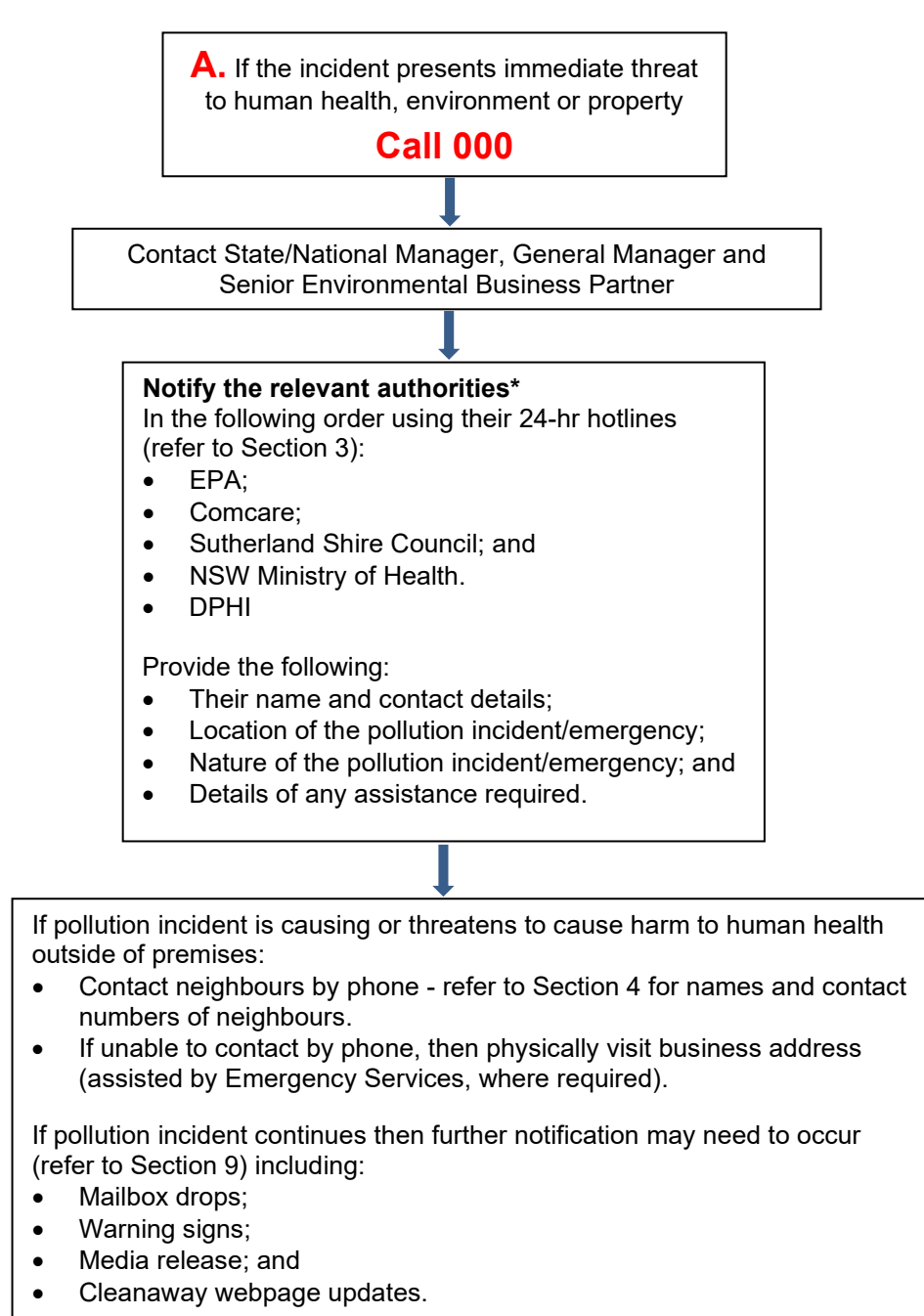
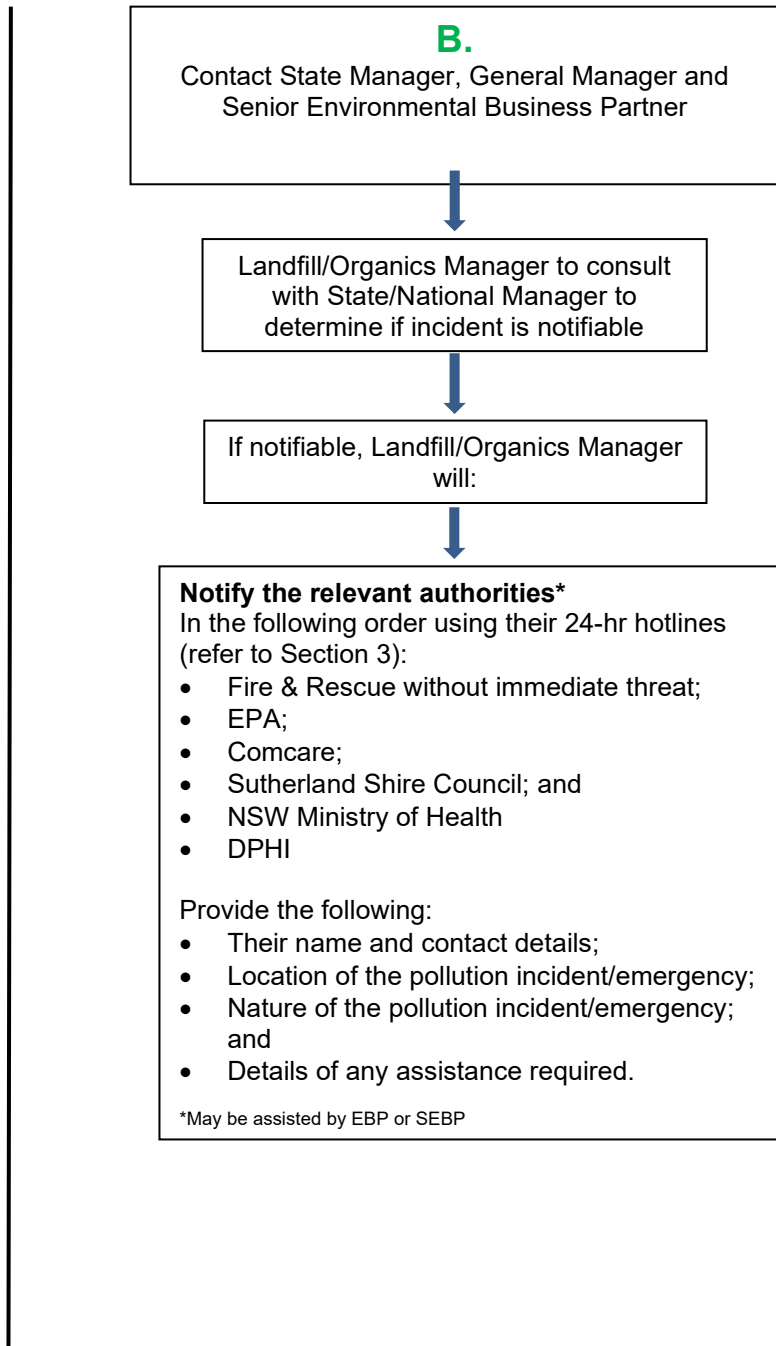


Figure 2 outlines the Cleanaway protocol for the notification of pollution incidents

Line A



Line B



POLLUTION INCIDENT RESPONSE MANAGEMENT PLAN (PIRMP) – Lucas Heights Resource Recovery Park

Approved by: Names: LC Chiang
Louise Saunders

Position/Title: Lucas Heights Landfill Manager
NSW Organics Manager **Date: 16/04/2026**

PURPOSE:

Cleanaway Pty Ltd (Cleanaway) holds an Environment Protection Licence (EPL) with the NSW Environment Protection Authority (EPA) for the Lucas Heights Resource Recovery Park. 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 on the activity must immediately implement this plan in relation to the activity required by Part 5.7A of the POEO Act.

A written copy of this plan must be kept at the Lucas Heights Resource Recovery Park site or where the activity takes place in the case of mobile plant licences and be made available on request by an authorised NSW EPA Officer and to any person who is responsible for implementing this plan.

- **Location of PIRMP (hardcopy) onsite:** Organics – Leading Hand Office on Notice Board, Landfill – Administration Office
- **Location of PIRMP (softcopy):** Site Files & Cleanaway Portal

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 2022.

- **Location of PIRMP (website copy):** <https://www.cleanaway.com.au/about-us/our-business/environmental-management/>

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 2022.

Licensees should also refer to the NSW EPA’s *Guideline: Pollution incident response management plans*.

RELATIONSHIP WITH OTHER DOCUMENTS:

This Plan should be read in conjunction with the following documents:

- Lucas Heights Resource Recovery Park (Landfill) Site Emergency Management Plan (HSE PL 2.1.3.01.01)
- Lucas Heights Resource Recovery Park (Organics) Site Emergency Management Plan (HSE PL 2.1.3.01.01)
- Lucas Heights Landfill Environmental Risk Register

These documents are located at <https://cleanaway.sharepoint.com/sites/portal/pages/LandingPage.aspx>

1. Environment Protection Licence (EPL) Details

| | |
|--|---|
| Name of licensee: (including ABN) | Cleanaway Pty Limited 79 000 164 938 |
| EPL number: | 5065 (Landfill) & 12520 (Organics) |
| Premises name and address: | Lucas Heights Resource Recovery Park New Illawarra Rd, Lucas Heights NSW 2234 |
| Company or business contact details: Landfill | Name: LC Chiang Position or title: Lucas Heights Landfill Manager Contact number/s: 0408 998 292 Email: LC.Chiang@cleanaway.com.au |
| Company or business contact details: Organics | Name: Louise Saunders Position or title: NSW Organics Manager Contact number/s: 0428 124 288 Email: Louise.Saunders@cleanaway.com.au |
| Website address: | www.cleanaway.com.au |
| Community Hotline: | 1800 213 753 |
| Emergency Spills Hotline: | 1800 SPILLS (1800 774 557) |
| Scheduled activity on EPL 5065: | Waste disposal (application to land); Waste processing (non-thermal treatment); Waste storage. |

Fee based activity on EPL 5065: Non-thermal treatment of liquid waste;
Waste disposal by application to land;
Waste storage - other types of waste;
Waste storage - waste tyres.

Scheduled activity on EPL 12520: Composting;
Waste processing (non-thermal treatment).

Fee based activity on EPL 12520: Composting;
Non-thermal treatment of general waste.

2. Pollution incident – Person/s responsible

PIRMP activation and management of response to an incident

Primary Contact - Landfill

Name of person responsible: **Cameron Stewart**
Position or title: **Lucas Heights Assistant Landfill Manager**
Business hours contact number/s: **0452557108**
After hours contact number/s: **0452557108**
Email: Cameron.Stewart@cleanaway.com.au

Secondary Contact - Landfill

Name of person responsible: **LC Chiang**
Position or title: **Lucas Heights Landfill Manager**
Business hours contact number/s: **0408 998 292**
After hours contact number/s: **0408 998 292**
Email: LC.Chiang@cleanaway.com.au

Primary Contact - Organics

Name of person responsible: **Sanjesh Prasad**
Position or title: **Organics Operational Supervisor**
Business hours contact number/s: **0427 064 344**
After hours contact number/s: **0427 064 344**
Email: Sanjesh.Prasad@cleanaway.com.au

Secondary Contact - Organics

Name of person responsible: **Louise Saunders**
 Position or title: **NSW Organics Manager**
 Business hours contact number/s: **0428 124 288**
 After hours contact number/s: **0428 124 288**
 Email: Louise.Saunders@cleanaway.com.au

3. Pollution incident – Notification of relevant authorities

Notifying relevant authorities

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

Primary Contact - Landfill

Name of person responsible: **LC Chiang**
 Position or title: **Lucas Heights Landfill Manager**
 Business hours contact number/s: **0408 998 292**
 After hours contact number/s: **0408 998 292**
 Email: LC.Chiang@cleanaway.com.au

Primary Contact - Organics

Name of person responsible: **Louise Saunders**
 Position or title: **NSW Organics Manager**
 Business hours contact number/s: **0428 124 288**
 After hours contact number/s: **0428 124 288**
 Email: Louise.Saunders@cleanaway.com.au

Secondary Contact - Both

Name of person responsible: **Orhan Cambaz**
 Position or title: **Senior Environmental Business Partner**
 Business hours contact number/s: **0407 923 305**
 After hours contact number/s: **0407 923 305**
 Email: Orhan.Cambaz@cleanaway.com.au

| Relevant Authority | Contact number |
|---|--|
| Fire & Rescue NSW / Rural Fire Service | 000 |
| Fire & Rescue without immediate threat | 1300 729 579 |
| Environment Protection Authority | 13 15 55 |
| Comcare <i>(see note below)</i> | 1300 366 979 |
| Local authority (Sutherland Shire Council) | (02) 9710 0333 |
| SafeWork Australia | 13 10 50 |
| Department of Planning, Housing and Infrastructure (DPHI) | 1300 305 695 or via Planning Portal |

Note:

The NSW EPA requires EPL holders to contact SafeWork NSW when their PIRMP is activated. As a national business, Cleanaway is regulated by Comcare, the national authority for work health and safety, workers' compensation and WHS laws in Australia. To meet our Health and Safety obligations, we must notify Comcare instead of SafeWork NSW. Therefore, the SafeWork NSW contact details are not included above to align with these requirements and to avoid confusion.

4. Notification of neighbours and the local community (including communication mechanisms)

A list identifying immediate neighbours of the site is provided below.

Contact numbers for the neighbours are:

| Business name | Contact Number |
|---------------------------------------|--|
| ANSTO | (02) 9717 3111 |
| LMS | Daniel Lansdowne – 0400 554 366 |
| Other Potentially Affected Neighbours | Notify potentially affected neighbours in conjunction with Fire Brigade notification system. |

5. Description and likelihood of hazards

The potential hazards that may arise from the operation of the scheduled activities at the site may include:

- Stormwater Impact;
- Fire or explosion;
- Odour and/or Air Emissions;
- Noise Emissions; and
- Hazardous Substance Release / spill.

The following table provides the likelihood of any such hazards occurring, including details of any conditions or events that could, or would, increase that likelihood. The site also maintains a detailed Environmental Risk Register which details a range of information about the facility and its controls. Refer to Sections 1 to 5 of the Environmental Risk Register for more information.

| Pollution Hazard | Likelihood of Hazard | Circumstances that could or would increase likelihood |
|-------------------|----------------------|---|
| Stormwater Impact | Possible | <ul style="list-style-type: none"> • Period of prolonged rainfall or significant rainfall event (i.e. 1 in 100 yr. storm event), • Lack of stormwater water storage capacity/freeboard, • Sediment tracking due to increased vehicle movements / traffic movements onsite, • See "<i>Hazardous Substance Release / spill</i>" below. |
| Fire or explosion | Unlikely | <ul style="list-style-type: none"> • Machinery fault, • Extreme weather (days of total fire ban), • Hot work, • Hot loads • Waste not covered appropriately • Smoking in unauthorised areas, • Electrical hazards, • Inappropriate placement of waste (i.e. segregation issue) or inappropriate waste storage in DG compartments / buildings onsite (i.e. placement in wrong compartment / area), • Acceptance of potentially flammable or explosive waste types, • Improper labelling, storage, movement or decanting / consolidating of waste onsite, |

| | | |
|-------------------------------------|----------|--|
| | | <ul style="list-style-type: none"> • Improper use of onsite equipment in DG storage, laydown and/or processing areas. |
| Odour and/or Air Emissions | Possible | <ul style="list-style-type: none"> • Fire, • Odorous waste, • Long term waste storage – in storage vessels, unloading / temporary storage area or warehouse/s, • Odour from decanting activities / crushing activities, • Waste not covered appropriately • Leachate seeps or ponded on landfill surface • Insufficient landfill gas capture/extraction • Poor housekeeping. |
| Noise Emissions | Possible | <ul style="list-style-type: none"> • Noisy machinery due to lack of maintenance, • Truck movements or machinery movements outside of workshop, • Truck maintenance activities occur onsite, • Reverse alarms on mobile plant • Operating outside approved working hours. |
| Hazardous Substance Release / Spill | Unlikely | <ul style="list-style-type: none"> • Flooding, • Pipe blockage or breakage resulting in overflow into bunded areas or stormwater system (onsite), • Pipe blockage or breakage resulting in overflow to offsite areas (i.e. bushland and/or creek) Fuel / chemical / liquid waste leak, • Tank or dam overflow or leak, • Leak or spill from refuelling activities • Leak / spill from truck/s arriving onsite, • Inappropriate unloading / loading practices – in unloading and temporary storage area, • Fuel or chemicals or other liquids stored external to bunded areas – not within dedicated bunded storage areas, • Hydraulic oil leak from mobile or fixed plant, • Poor housekeeping, • See “<i>Stormwater Impact</i>” above. |

6. Pre-emptive actions

The following table provides a description 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. Further, the site also maintains an Environmental Risk Register which details a range of information about the facility and its pre-emptive controls. Refer to Sections 1 to 5 of the Environmental Risk Register for more information.

In addition to the above, the Site Emergency Management Plan (SEMP), Appendix 1: Emergency Response Guidance, provides detailed information on responding to different emergency scenarios including site evacuation procedures.

| Pollution Hazard | Pre-emptive Action | How Pre-emptive Action Minimises Harm | Actions to be taken during or immediately after incident |
|-------------------|--|--|---|
| Stormwater Impact | <ul style="list-style-type: none"> Plant and equipment maintenance schedule in place. EMS documentation in place (Stormwater Management Plan, Liquid and Solid Waste Storage Plan, SEMP & PIRMP etc). SOPs or Work Instruction/s in place. Spills kits located throughout the site. Stormwater controls (bundling, drain inserts, shut-off valves) in place and secure. Staff Training. See “<i>Hazardous Substance Release / Spill</i>” below. | <ul style="list-style-type: none"> Plant and equipment in good working order. All site activities are risk assessed. Environmental risks on site are identified, controls identified and managed. Staff trained in site environmental risks and controls. Regular site inspections conducted to check controls are in place and no further risks have been introduced. Clean-up attempts / rectification actions (where relevant) to be made with appropriate personal protective equipment (PPE). | <ul style="list-style-type: none"> Contact the Branch Manager who will coordinate incident response. Identify source of spill and prevent further spillage as far as is practical. Isolate spill from site stormwater system where possible. Ensure site stormwater system is isolated from external stormwater system. Apply absorbent material socks/pads/bunds/booms or similar as appropriate (spill containment measures) – in alignment with CWY Spill Response Training and industry best practice. Evacuate the site if there is an immediate human threat. If incident represents an immediate threat to the environment or human health or property, call Fire and Rescue service on 000 and call the EPA on 131 555 to give details of the incident (see Figure 1-2 above). Where appropriate notify other relevant authorities and the neighbouring properties (see Figure 1-2 above). When emergency services arrive on site, they become site controller. Branch Manager updates |

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| | | | <p>regulatory authorities and follows their directions (where directed).</p> <ul style="list-style-type: none"> Undertake investigation to better understand how / why spill occurred, implementing additional controls where relevant / where possible. |
| Fire or explosion | <ul style="list-style-type: none"> Plant and equipment maintenance schedule in place. EMS documentation in place (Stormwater Management Plan, Liquid and Solid Waste Storage Plan, SEMP & PIRMP etc). SOPs or Work Instruction/s in place. SDS & site manifest available on site. Application of cover over waste Active and optimised landfill gas extraction system Landfill gas system managed and balanced regularly Fire extinguishers and associated fire equipment (see Safety Equipment table below). Tanks able to vent, ensuring no build-up of an explosive atmosphere occurs. Dedicated chemical and DG storage areas and chemical segregation in place. DG labelling and signage. DG priority area/s. Dedicated decanting tank. Zone 1 rated areas. Ventilation system/s (i.e. including fans). Staff Training. Fire / chemical segregation walls (where applicable). | <ul style="list-style-type: none"> Plant and equipment in good working order. All site activities are risk assessed. Environmental risks on site are identified, controls identified and managed. Staff trained in site environmental risks and controls. Regular site inspections conducted to check controls are in place and no further risks have been introduced. Clean-up attempts / rectification actions (where relevant) to be made with appropriate personal protective equipment (PPE). | <ul style="list-style-type: none"> Contact the Branch Manager who will coordinate incident response. If safe, shutdown plant / equipment as per shutdown procedure. If safe, isolate power source and ignition sources. Evacuate the site if there is an immediate human threat. If safe, and fire water is being generated onsite mobilise vacuum tanker to collect and transport firewater to a licenced wastewater treatment plant. If incident represents an immediate threat to the environment or human health or property, call Fire and Rescue service on 000 and call the EPA on 131 555 to give details of the incident (see Figure 1-2 above). Where appropriate notify other relevant authorities and the neighbouring properties (see Figure 1-2 above). When emergency services arrive on site, they become site controller. Branch Manager updates regulatory authorities and follows their directions (where directed). Undertake investigation to better understand how / why fire or explosion occurred, implementing additional controls where relevant / where possible. |

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| <p>Odour and/or Air Emissions</p> | <ul style="list-style-type: none"> • Plant and equipment maintenance schedule in place. • EMS documentation in place (Stormwater Management Plan, Liquid and Solid Waste Storage Plan, SEMP & PIRMP etc). • SOPs or Work Instruction/s in place. • No grease trap waste receivals occur at the site. • Efficient management of leachate seeps and/or ponded water on landfill surface • Tanks able to vent ensuring no build-up of odour occurs. • Dedicated decanting area and tank (with fume hood). • Ventilation system/s (i.e. including fans). • Staff Training. • Site zoned within an Industrial area. | <ul style="list-style-type: none"> • Plant and equipment in good working order. • All site activities are risk assessed. • Environmental risks on site are identified, controls identified and managed. • Staff trained in site environmental risks and controls. • Regular site inspections conducted to check controls are in place and no further risks have been introduced. • Clean-up attempts / rectification actions (where relevant) to be made with appropriate personal protective equipment (PPE) | <ul style="list-style-type: none"> • Contact the Branch Manager who will coordinate incident response. • Identify source of odour/air emission and prevent further emissions as far as is practical. • Evacuate the site if there is an immediate human threat. • If incident represents an immediate threat to the environment or human health or property, call Fire and Rescue service on 000 and call the EPA on 131 555 to give details of the incident (see Figure 1-2 above). • Where appropriate notify other relevant authorities and the neighbouring properties (see Figure 1-2 above). • When emergency services arrive on site, they become site controller. Branch Manager updates regulatory authorities and follows their directions (where directed). • Undertake investigation to better understand how / why odour or air emissions occurred, implementing additional controls where relevant / where possible. |
| <p>Noise Emissions</p> | <ul style="list-style-type: none"> • Plant and equipment maintenance schedule in place and conducted by a qualified tradesperson on all mobile and plant equipment. • EMS documentation in place (Storm Water Management Plan, Liquid and Solid Waste Storage Plan, SEMP & PIRMP etc). • SOPs or Work Instruction/s in place. • Use of tonal alarms, where required • Mobile and fixed plant and machinery meet requirements. • Staff Training. | <ul style="list-style-type: none"> • Plant and equipment in good working order • All site activities are risk assessed. • Environmental risks on site are identified, controls identified and managed. • Staff trained in site environmental risks and controls. • Regular site inspections conducted to check controls are in place and no further risks have been introduced. | <ul style="list-style-type: none"> • Contact the Branch Manager who will coordinate incident response. • Isolate source of noise where possible. • Evacuate the site if there is an immediate human threat. • If incident represents an immediate threat to the environment or human health or property, call Fire and Rescue service on 000 and call the EPA on 131 555 to give details of the incident (see Figure 1-2 above). • Where appropriate notify other relevant authorities and the neighbouring properties (see Figure 1-2 above). • When emergency services arrive on site, they become site controller. Branch Manager updates |

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| | <ul style="list-style-type: none"> • Site zoned within an Industrial area. | <ul style="list-style-type: none"> • Rectification actions to be made with appropriate personal protective equipment (PPE) | <p>regulatory authorities and follows their directions (where directed).</p> <ul style="list-style-type: none"> • Undertake investigation to better understand how / why noise emissions occurred, implementing additional controls where relevant / where possible. |
| <p>Hazardous Substance Release / Spill</p> | <ul style="list-style-type: none"> • Plant and equipment maintenance schedule in place. • EMS documentation in place (Stormwater Management Plan, Liquid and Solid Waste Storage Plan, SEMP & PIRMP etc). • SOPs or Work Instruction/s in place. • Spills kits located throughout the site. • Implement leak surveillance on leachate transfer systems • Stormwater controls (bundling, drain inserts, shut-off valves) in place and secure. <ul style="list-style-type: none"> ○ Blind Pits / Sumps. ○ Warehouse bundling. ○ Site bundling. ○ Drain inserts. ○ SW storage tanks. ○ SW shut-off valve. • Staff Training. • See “Stormwater Impact” above. | <ul style="list-style-type: none"> • Plant and equipment in good working order. • All site activities are risk assessed. • Environmental risks on site are identified, controls identified and managed. • Staff trained in site environmental risks and controls. • Regular site inspections conducted to check controls are in place and no further risks have been introduced. • Clean-up attempts / rectification actions (where relevant) to be made with appropriate personal protective equipment (PPE). | <ul style="list-style-type: none"> • Contact the Branch Manager who will coordinate incident response. • Identify source of spill and prevent further spillage as far as is practical. • Isolate spill from site stormwater system where possible. • Ensure site stormwater system is isolated from external stormwater system. • Apply absorbent material socks/pads/bunds/booms or similar as appropriate (spill containment measures) – in alignment with CWY Spill Response Training and industry best practice. • Evacuate the site if there is an immediate human threat. • If incident represents an immediate threat to the environment or human health or property, call Fire and Rescue service on 000 and call the EPA on 131 555 to give details of the incident (see Figure 1-2 above). • Where appropriate notify other relevant authorities and the neighbouring properties (see Figure 1-2 above). • When emergency services arrive on site, they become site controller. Branch Manager updates regulatory authorities and follows their directions (where directed). • Undertake investigation to better understand how / why spill occurred, implementing additional controls where relevant / where possible. |

7. Inventory of pollutants

The following table provides an inventory of potential pollutants at the Lucas Heights premises:

| Location of Substance: Depot No. Bulk Tank No. | | Proper Shipping Name | Types | UN | DG Class | Haza rdou s | Volume (Maximum) |
|--|--|----------------------|-------|------|-------------|-------------------|---------------------|
| CWY Operations North Wall | | Diesel | Tank | 1993 | C1 (Diesel) | N/A | 60,000 L |
| CWY Operations North Wall | | Adblue | Tank | N/A | N/A | N/A | 6,666L |
| Workshop | | Oil | Drums | 1270 | 3 | N/A | 6,500 L |
| Truck Parking Area | | Engine Coolants | | N/A | N/A | N/A | 1,000 L |
| Truck Parking Area | | Diesel | Tank | 1993 | C1 (Diesel) | N/A | 60,000 L |
| Truck Parking Area | | Diesel | Tanks | 1993 | 3 | N/A | 67,0120 L |
| Truck Parking Area | | Diesel | Tank | 1993 | C1 (Diesel) | N/A | 65,000L |
| Truck Parking Area | | Oil in drums | Drums | 1270 | 3 | N/A | 1,000 L |

| | | | | | | | |
|--------------------------------|--|---|-----------|-----|-----|-----|---|
| Workshop | | Gas cylinders/used gas cylinders | Cylinders | N/A | N/A | N/A | 6 cylinders unused and 20 used/expended |
| Two Leachate Dams/ Landfill | | Leachate | Ponds | N/A | N/A | N/A | 18,600kL |
| Organics Area | | Green Waste Leachate | Pond | N/A | N/A | N/A | 13,000kL |
| Surface water ponds | | Sediment-contaminated stormwater | Ponds | N/A | N/A | N/A | 10 ML |
| Landfill Area | | Putrescible waste and asbestos containing materials | | N/A | N/A | N/A | Up to 970,000 tonnes received/year |
| Organics Area | | Green Waste/Fertiliser | | N/A | N/A | N/A | Up to 50,000 tonnes received/year |

8. Safety equipment

Further details about safety equipment and its locations are provided in the Site Emergency Management Plan Section 2. The safety equipment available onsite is listed below:

| Safety Item | Safety Item Type | Quantity | Safety Item Location | Safety Item Use | Risk Mitigation Type |
|--------------------|---------------------|----------|--|--|---|
| Fire extinguishers | CO2, Water, BE, ABE | | Landfill Office, Organics Office, Cleanaway and contractor vehicles, Storm Water Treatment Plant, Workshop, Resource Centre, Wheel Wash, Weigh Bridge, Wash Bay, Nursery, Waste oil holding tank, Contractor's lunchroom. Various Site Equipment | Control and/or contain fires derived from paper, wood, textiles, flammable and combustible liquids, flammable gas (propane) and electricity energised equipment. | Eliminate and/or reduce risk to human health and surrounding environment. |

| | | | | | |
|---------------------------------|--|--|---|---|---|
| Fire hose | Respond to Fire + Signage | | Storm Water Treatment Plant, Workshop, Resource Centre | Control and/or contain fires. | Eliminate and/or reduce risk to human health and surrounding environment. |
| Smoke detectors | Early Warning Device | | Within the office buildings | Early warning fire detection / Alerting occupants of Early warning fire detection / Alerting occupants of smoke or fire smoke or fire | Eliminate and/or reduce risk to human health and surrounding environment. |
| Huberg Laser gas monitor | Monitoring Instrument | | Landfill Administration Office | Detect elevated levels of methane gas. | Eliminate and/or reduce risk to human health. |
| Landfill thermal camera | Monitoring Instrument | | Landfill | Detect elevated temperature at tip face during non-attended periods | Eliminate and/or reduce risk to human health and surrounding environment |
| Landfill gas flares and engines | LFG combustion plant | | Bioenergy facility, 2x flares near leachate dam | Destruction of landfill gas | Eliminate and/or reduce risk to human health and the environment |
| Fire suppression systems | Fire suppression | | Mobile plant | Control and/or contain internal fires in mobile plant | Eliminate and/or reduce risk to human health and surrounding environment |
| First aid kit | Medical Response Green with white cross signage | | Landfill Office, Organics Office, Cleanaway and Contractor vehicles, Resource Centre, Workshop, Weighbridge | Used to treat minor injuries to personnel or reduce severity of moderate to major injury until emergency personnel arrive. | Eliminate and/or reduce risk to Cleanaway personnel and contractors. |

| | | | | | |
|---|---------------------------------------|--|--|---|---|
| Spill kit | Emergency spill response + Signage | | Resource Centre, Workshop, Organics | Used to control and contain spills which may be potentially hazardous to personnel or the immediate and/or surrounding environment (e.g., stormwater). | Eliminate and/or reduce risk to personnel by containing and removing potentially hazardous spill. Eliminate and/or reduce risk of spill leaving the site and into surrounding environments (e.g., stormwater). |
| Diesel Spill Kit | Emergency Response to Diesel Spill | | Adjacent to fuel bowser at Select Civil Workshop | Used to control and contain diesel spills which may be potentially hazardous to personnel or the immediate and/or surrounding environment (e.g., stormwater). | Eliminate and/or reduce risk to personnel by containing and removing potentially hazardous spill. Eliminate and/or reduce risk of spill leaving the site and into surrounding environments (e.g., stormwater). |
| Asbestos Kit | Emergency response + Signage | | Resource Recovery Centre | Safe and Effective clean-up of asbestos. | Used to protect health of personnel. |
| SDS register | Signage | | Strategically located around the facility | A tool accessible to all personnel which captures the SDS's of all hazardous chemicals used, handled, or stored on site. | Used to ensure hazardous chemicals are being utilised in a manner that does not pose health risk to personnel or the environment as well as in the event of a spill. |
| SEMP | N/A | | Located in the site office | A site-specific emergency management plan which details relevant emergency protocols and information. | Used to protect health of personnel and surrounding environment. |
| Two x 25,000 litre off road water carts | Water Carts | | Onsite – Mobile Equipment | Fire / dust suppression. | Eliminate and/or reduce risk to human health and surrounding environment. |

| | | | | | |
|------------------------------------|--------------------------------------|-------------|--|---|---|
| One 15,000 litre Water cart | Water Carts | | Onsite – Mobile Equipment | Fire / dust suppression. | Eliminate and/or reduce risk to human health and surrounding environment. |
| Emergency Assembly Point | Signage at Gate 1 | | In front of Site Office on Grassed area | Assembly Point for all personnel on site in the event of an emergency. Smoking area west of Admin Office, located next to the car park. | Used to account for and protect health of personnel. |
| Emergency Showers | Pull down handle emergency showers | | Resource Centre, Storm Water Treatment Plant, Workshop | Washing of contaminates from the clothing and skin. | Eliminate and/or reduce risk to human health. |
| Emergency Eye Wash | Peddle activation emergency eye wash | | Resource Centre, Storm Water Treatment Plant, Workshop | Washing of contaminates from the eyes and face. | Eliminate and/or reduce risk to human health. |
| Chemical splash goggles | | As required | Personal Kit and Administration office | To protect eyes from chemical splashes and spills. | Reduce and/or eliminate risk to human health. |
| Chemical Resistant Gloves | | As required | Personal Kit and Administration office | To protect hands from chemical splashes and spills. | Reduce and/or eliminate risk to human health. |
| Face shield | | As required | Personal Kit and Administration office | To protect face from chemical splashes and spills, sparks and flying fragments. | Reduce and/or eliminate risk to human health. |
| Protective clothing or hazmat suit | | As required | Personal Kit and Administration office | To protect body from chemical splashes and spills. | Reduce and/or eliminate risk to human health. |

| | | | | | |
|---|--|-------------|--|--|---|
| Fully enclosed safety footwear / rubber boots | | As required | Personal Kit and Administration office | To protect feet from chemical splashes and spills. | Reduce and/or eliminate risk to human health. |
| Respirator (full face and combination filter) | | As required | Personal Kit and Administration office | To protect lungs and respiratory system from chemical vapour and fumes. | Reduce and/or eliminate risk to human health. |
| Hard hat or bump cap | | As required | Personal Kit and Administration office | To protect head from falling/overhead objects, chemical splashes and spills. | Reduce and/or eliminate risk to human health. |
| Hearing protection | | As required | Personal Kit and Administration office | To prevent damage to hearing. | Reduce and/or eliminate risk to human health. |

9. Communicating with neighbours and the local community

Impacts on the broader community are variable and depend on location, or other factors such as wind direction and velocity. In the event of a pollution incident occurring (such as a Fire) which has the potential to impact residential areas, communication methods will be used on a case-by-case basis and in all situations, Cleanaway will liaise with Council and Fire and Rescue to provide early warnings to directly affected residents by the mechanisms described below. Early warnings are to include details of what the imminent incident is and how those affected can prepare and respond to the incident. The notification shall provide specific information to the neighbouring properties and local community, so it can minimise the risk of harm.

In the event of a pollution incident Cleanaway (CWY), in consultation with Council, will attempt to provide early warning to directly the community by the following mechanisms as appropriate:

- Telephone calls or door knocking (where appropriate);
- Mailbox drops;
- Warning signs;
- Local media source (radio/newspapers);
- Council webpage updates and media releases; and
- Council website address is <https://www.blacktown.nsw.gov.au/Contact-us/Contact-us>

10. Minimising harm to persons on the premises

All staff and contractors are to be inducted before completing any work on site. The induction includes procedures for minimising the chance of a pollution incident occurring, managing a pollution incident and actions following a pollution incident.

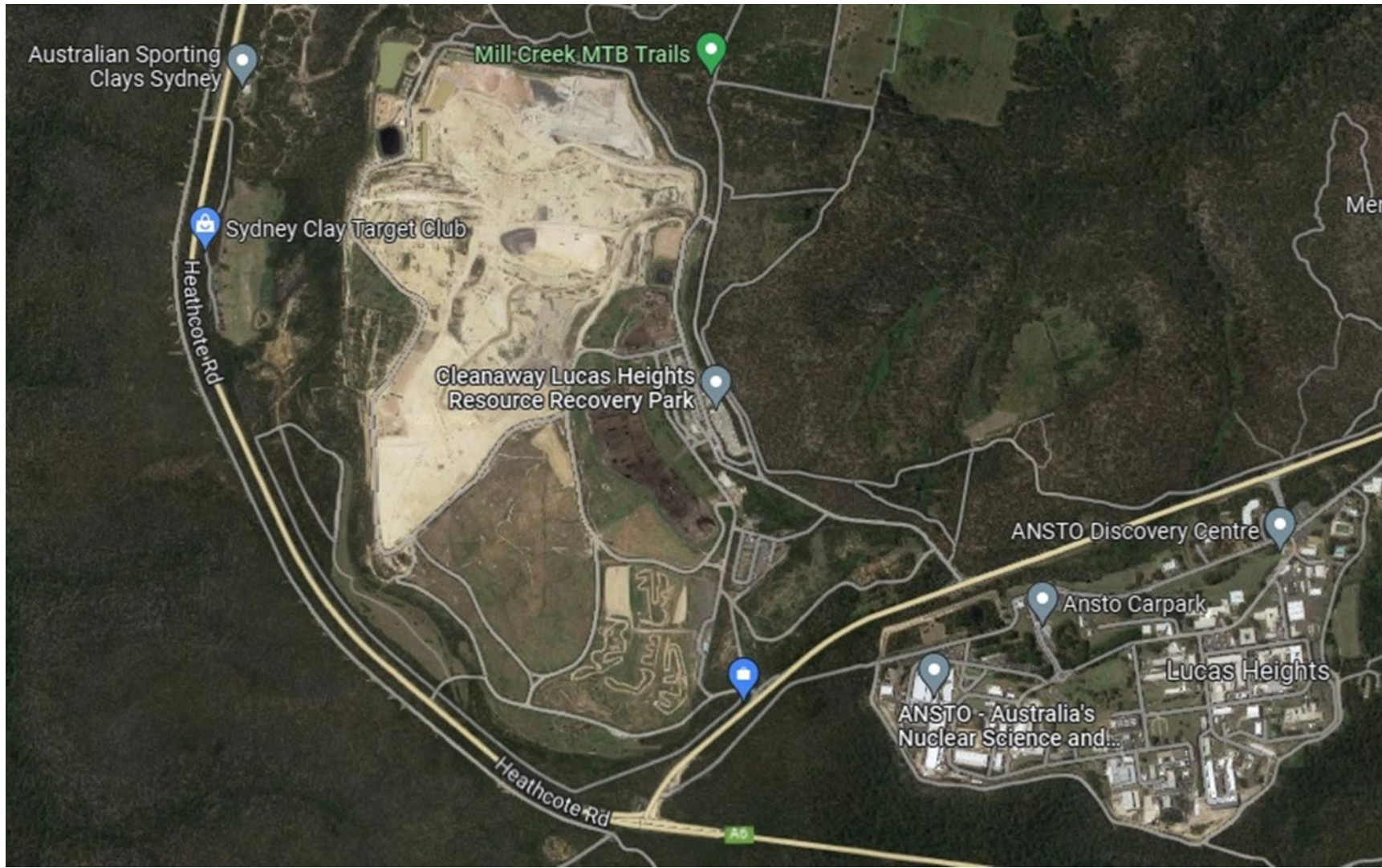
Minimising the impact to persons at CWY during a pollution incident is the highest priority.

The site has established a site-specific emergency management plan (SEMP) which details relevant emergency protocols including evacuation procedures, medical emergency procedures and environmental incidents. The SEMP also contains a Site Emergency Response list which details the sites emergency controller, fire warden and other relevant emergency contact details. This PIRMP is therefore supplemented by the information and works in unison with the SEMP.

Additionally, as part of the preparations for the PIRMP, training and drills will be undertaken with staff (refer Sections 14 'Training' and 15 'Testing').

11. Maps

Map 1 - General overview of site



Map 2 – Site boundaries (including Leachate Treatment Plant)



Map 3 – Organics Pad



12. Actions to be taken during or immediately after a pollution incident

The risk assessment in Section 5 of the PIRMP 'Description of Likelihood of hazards' outlines potential pollution incidents at the Premises. Additionally, the site maintains a site-specific Environmental Risk Register which details a range of information about the facility and its controls. Refer to Sections 1 to 5 of the Environmental Risk Register for more information.

Section 6 of the PIRMP 'Pre-emptive Actions' outlines the pre-emptive controls, how an identified risk to human health or the environment will be reduced and actions to be taken during or immediately following a pollution event to minimise its risk.

Actions to Minimise a Pollution Incident:

CWY operations shall make all attempts to prevent pollution events to ensure environmental incidents do not occur, but in a situation where a pollution incident is imminent and it may potentially cause detrimental impacts to human health or the environment, onsite operations will contact the necessary stakeholders (employees, contractors, neighbours, Regulatory Authorities) to provide as much early warning as possible.

Further, CWY will abide by the requirements detailed in Section 147 and Section 153F of the POEO act.

Actions During a Pollution Incident:

In the event that a pollution incident requires the evacuation of the site, actions will be completed in accordance with the Site Emergency Management Plan Appendix 1. All staff are informed on the location of muster locations through site inductions, signage and ongoing training.

Actions Post a Pollution Incident:

A detailed incident investigation and report will be completed regarding the Pollution Incident to find the root cause of the incident and implement the corrective actions to prevent the incident occurring.

The incident will be reported in the Myosh incident management system. If CWY are notified of the pollution incident by the public, a complaint will also be registered in the Myosh reporting system.

Within a month following the incident, the PIRMP will be reviewed and tested. CWY will continue to liaise with the relevant Regulatory Authorities to reduce the likelihood of the pollution incident occurring.

The incident will be discussed at the toolbox meeting forum with all staff and contractors regarding the incident investigation, key outcomes and follow up on the completing of the corrective actions.

13. Coordinating with Persons & Regulators

Licensees must notify all of the appropriate Regulatory Authorities following a notifiable incident. These include:

- NSW Environment Protection Authority (EPA);
- NSW Department of Planning, Housing and Infrastructure
- Comcare;
- Local Council; and
- Fire and Rescue NSW.

As outlined in Section 3 of the PIRMP 'Pollution incident - Notification of relevant authorities', notification of the incident is to be provided by the Branch Manager, State/National Manager and/or Tertiary contact.

All Communications are to be made to:

Landfill Manager / Organics Supervisor; and

NSW Landfills Manager / NSW ARRT & Organics Manager

14. Staff Training

Annual PIRMP toolbox meetings will be completed with staff on the site. This training will be provided to ensure that all staff are aware of the content, processes and requirements of the plan and competently implement if necessary.

This PIRMP toolbox is in addition to Cleanaway's other training modules and induction processes.

15. Testing & Updating of the PIRMP

Plans must be tested routinely at least once every 12 months and within one month of any pollution incident occurring. The testing is to be carried out in such a manner as to ensure that the information included in the plan is accurate and up to date, and that each plan is capable of being implemented in a workable and effective manner. Testing may include:

- Desktop scenarios, or
- Physical Scenarios.

Testing records will be maintained electronically on the 'MyOSH' database (entered as Drill & Exercise > PIRMP Test).

| Date PIRMP tested | PIRMP tested by | Type of test (drill or desktop) | Learnings | Next scheduled test |
|--------------------------|---|--|---|----------------------------|
| 28/04/2022 | LC Chiang | Drill | N/A | April 2023 |
| 24/04/2023 | LC Chiang, Sanjesh Prasad and Michael Gaebler | Desktop | N/A | April 2024 |
| 17/4/2024 | SP, MG, JK | Drill | Corrected contact number errors in PIRMP | April 2025 |
| 16/4/2025 | HK, CS, MG, SP | Drill | Added the contact number for SafeWork Australia | April 2026 |
| 19/03/2026 | NA, LC | Desktop | Refer to PIRMP Test in Myosh | March 2026 |