



Government of **Western Australia**
Department of **Housing and Works**

OPERATION HEALTH & SAFETY AND EMERGENCY RESPONSE PROCEDURES

DISPOSAL OF CHEMICAL WASTE AT THE INTRACTABLE WASTE DISPOSAL FACILITY MT WALTON EAST

Waste Disposal Operation 2026NRT01

Prepared by
Aurora Environmental

July 2026
REVISION 2

This Operation Health & Safety and Emergency Response Procedures (OHSERP) document describes the health & safety and emergency response issues and procedures associated with disposal of chemical waste at the Intractable Waste Disposal Facility (IWDF), Mt Walton East.

The OHSERP applies to the disposal operation (2026NRT01) planned for August 2026. The disposal operation will involve the delivery and burial of chemical waste from Maddington and Wattleup as described in Table 1.

Table 1
Summary of the Chemical Waste Proposed for Disposal at the IWDF
Operation 2026NRT01

Waste Owner	Body Responsible for Packaging, Loading, Unloading and Transporting Waste for Disposal	Waste Type	Waste Quantity
DWER	Department of Local Government, Industry Regulation and Safety (DLGIRS) and their consultants and contractors	Defective lithium metal batteries UN 3090 and fire-affected batteries containing a mix of UN 3090 lithium metal batteries, UN 3480 lithium ion batteries, and undetermined reaction products and soil contaminated with this material	18 open-topped half-height sea containers of fire affected Li metal batteries, Li ion batteries, undetermined reaction products and contaminated soil, fitted with lids and vents, and 9 full height open-topped sea containers of defective Li metal batteries, fitted with lids and vents. If additional containers of fire affected Li metal batteries, Li ion batteries, undetermined reaction products and contaminated soil waste material require disposal the size of the trench may be varied. This will not alter the risk profile of the disposal operation.

Details of the health & safety and emergency response information and procedures proposed for the waste consignment, are given in the Appendices to this document and references therein (Appendix A and Appendix B).

Operations at the IWDF must comply with the Ministerial Conditions and Commitments applied to the site (Ministerial Statement 562).

Table 2 summarises the compliance of this OHSERP with relevant conditions, commitments and other requirements detailed in Ministerial Statement 562. Supporting documentation is provided in the Appendices.

The OHSERP should be read in conjunction with the Operation Environmental & Waste Acceptance Procedures (OEWP) document for this operation (Department of Housing and Works, 2026a) and the Operational Transport Procedures (OTP) (Department of Housing and Works, 2026b) which contain detailed emergency procedures that incorporate accompaniment by Department of Fire and Emergency Services (DFES) (including at the site).

In addition to the waste-specific OHSERP (Appendix A), which contains highlights showing the additional measures taken for the defective batteries and fire-affected battery waste, the proponent will undertake the following actions to further mitigate risks of ignition associated with the handling of these wastes at the IWDF:

- keep waste handling to a minimum;
 - keep waste within separate containers with minimum 5m separation when in the laydown area and 500mm separation once placed in the trench;
 - protect waste from moisture by limiting disruption to the sand and retaining tarp covers during waste burial;
 - ongoing visual monitoring of waste and site conditions during backfill process;
 - backfill process continually refined to minimise potential disturbance to the waste once placed in the trench;
 - standard fire extinguishing capability in place during unloading with DFES on-site. Note that placement of sand is a recognised fire mitigation method for lithium;
 - a 980 wheel loader will be on-site on standby with sand for fire suppression;
 - consult with DFES prior to disposal activities regarding emergency response arrangements and on-site attendance during sand/gravel backfill activities;
 - monitor weather conditions prior to and during unloading and placement activities, with activities suspended during significant rainfall events or other adverse conditions that may increase the risk of fire; and
 - Lower Explosive Limit (LEL), oxygen (O₂) and phosphine (PH₃) monitoring equipment will be used during unloading and placement activities to provide real-time early detection of potential hazardous gas releases and support implementation of appropriate controls.
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- High Resolution Thermal Image monitoring will be undertaken during the waste unloading and placement phases of disposal to identify any abnormal temperature increases within the waste and enable timely implementation of appropriate controls to minimise the potential for fire incidents.

The use of personal protective equipment (PPE) and monitoring for personnel protection will apply at each stage of the operation:

Defective Battery Waste Acceptance and Unloading (DFES attendance on-site)

- Normal PPE including steel-capped boots, P2/P3 dust mask, long sleeved shirt, long pants, reflective vest, hat, gloves, eye protection and hearing protection.
- Specialised protection available in the event of an emergency, including full-face mask with phosphine-approved ABEK-P3 cartridges, Tyvek coveralls and nitrile gloves.
- Loader available to dump sand on a reactive event at the direction of DFES, only if safe to do so.
- Monitoring for phosphine, O₂ levels and LFL conducted in the waste unloading.

Defective Battery Waste Placement in Trench (DFES potential attendance on-site)

- PPE as specified in the Waste Acceptance and Unloading stage for machine operator(s) and observer(s).
- Monitoring for phosphine, O₂ levels and LFL conducted in the waste placement phase and at the base of the trench.
- Loader available to dump sand on a reactive event, only if safe to do so (and at the direction of DFES, if in attendance on-site).

Fire Affected Battery Waste Delivery and Placement

- Normal PPE as specified in the Waste Acceptance and Unloading stage.
- Specialised respiratory protection available in the event of a reactive event, as outlined previously.
- Monitoring for phosphine, O₂ levels and LFL conducted in the waste unloading and placement in trench disposal phases.

Contaminated Soil Delivery and Placement

- Normal PPE as specified in the Waste Acceptance and Unloading stage.
- Monitoring for phosphine, O₂ levels and LFL conducted in the waste unloading and placement in trench disposal phases.
- A weather station near the laydown and trench area will be monitored to assess wind speed and direction to assist in moving up-wind of a fire in an emergency event.

REFERENCES

Department of Housing and Works (2026a) *Operation Environmental and Waste Acceptance Procedures – Disposal of Chemical Wastes at the Intractable Waste Disposal Facility, Mt Walton East – Waste Disposal Operation 2026NRT01*. Prepared by Aurora Environmental for Department of Housing and Works, July 2026.

Department of Housing and Works (2026b) *Operation Transport Procedures – Disposal of Chemical Wastes at the Intractable Waste Disposal Facility, Mt Walton East – Waste Disposal Operation 206N0RT01*. Prepared by Aurora Environmental for Department of Housing and Works, July 2026.

Table 2
Audit Table - Compliance of Proposed Disposal Operation 2026NRT01
with Relevant Proponent Commitments and other requirements

NO	TOPIC	Relevant Commitment	SCOPE	TIMING	COMPLIANCE	REFERENCE
PROPONENT COMMITMENTS						
1	Operational Procedures	5	Prepare, implement and make publicly available when approved Environmental, Radiation, and Health and Safety Operational Procedures in accordance with the Operational Guidelines.	Prior to each disposal operation. Implement during waste disposal operation.	Completed. This Operation Health & Safety and Emergency Response Procedures (OHSERP) is for the waste proposed for disposal.	Refer Appendix.
2	Performance and Compliance Report	6	Prepare and make publicly available the Performance and Compliance Report (PCR) at the conclusion of each waste disposal operation.	Within 3 months following completion of operation. Advertise within 4 weeks of obtaining approval for the PCR.	Future Action.	Refer OEWP.
OTHER ISSUES						
3	Health & Safety and Emergency Response	-	Undertake health & safety and emergency response management in accordance with the IWDF Health & Safety Management Plan, and Operation Health & Safety and Emergency Response Procedures (OHSERP) to include: • monitoring (if required); and • training.	Prior to and throughout site activities.	Completed. This OHSERP has been produced describing operation-specific health & safety and emergency response procedures, training and monitoring.	Refer Appendix and references therein.
4	Auditing and Compliance	-	Submission of periodic Compliance Reports in accordance with an audit program prepared in consultation between the proponent and the CEO of DWER of the conditions, procedures and commitments.	Prior to and throughout site activities.	In Progress.	Refer OEWP and Closeout report and PCR.

APPENDIX A

Waste-Specific Health & Safety and Emergency Response Information and Procedures for the DWER Lithium Battery Waste

Appendix A

Waste-Specific Health & Safety and Emergency Response Information and Procedures – DWER Lithium Battery Wastes

Category	Description	Reference*
WASTE-SPECIFIC INFORMATION		
Key hazardous component(s)	<i>Defective lithium metal batteries and fire affected lithium metal batteries and lithium ion batteries and undetermined reaction products and lithium contaminated soils.</i>	<i>Waste Owner Proforma, OEWP</i>
Physical Characteristics	<i>Solid</i>	<i>As above</i>
Packaging	<i>In various sized sea containers.</i>	<i>As above</i>
Quantity of Waste	<i>18 half-height and 9 full height sea containers</i>	<i>As above</i>
Origin/Source of Waste	<i>Defective and burnt lithium batteries from a warehouse fire.</i>	<i>As above</i>
Unloading and Waste Placement (Waste Handling) Method	<i>Sea containers to be unloaded using a side-lifter and then manoeuvred into position using appropriate heavy equipment.</i> Thermal Monitoring During Unloading and Placement <i>High-resolution thermal imaging will be used during waste unloading and waste placement activities within the disposal trench. Thermal monitoring will assist in identifying abnormal temperature increases within waste materials, enabling early intervention and implementation of appropriate controls where required. This proactive monitoring measure reduces the potential for self-heating and fire incidents during waste handling and disposal operations.</i> Failed Waste Container Exception. <i>If a waste container fails, the DHW/Operations Manager will assess the situation and, where it is safe and practical to do so, arrange for the waste to be remedied and repackaged on-site; otherwise, the waste will either be disposed of in the trench or returned to the waste owner, as directed by the DHW/Operations Manager.</i>	<i>Disposal Operation Procedure OP-06 Waste Delivery, Acceptance and Disposal</i> <i>Emergency Response Instruction ERI-01 Medical, Waste, and Fire Emergency Response (Appendix B)</i>

Category	Description	Reference*
	Waste material Spillage onto Truck Waste Specific Response. <i>If a waste container fails and waste material is spilled onto the truck, the spillage will be immediately covered with a tarpaulin pending decontamination of the vehicle. Prior to and during cleanup activities, gas monitoring will be undertaken for phosphine, oxygen deficiency and flammable gases. All potential ignition sources, including static electricity, hot surfaces and non-intrinsically safe equipment, will be eliminated or appropriately controlled throughout the response operation. Decontamination will be conducted if safe to do so, using a dry method (e.g. brushes or vacuum equipment, avoiding wetting where practicable) to minimise the potential for soil contamination. Gas monitoring will be undertaken for phosphine, oxygen deficiency and flammable gases will be undertaken during the decontamination phase.</i>	<i>Emergency Response Instruction ERI-01 Medical, Waste, and Fire Emergency Response 6.3 (5) (Appendix B)</i>
Toxicity (see SDS for details)	SDS available	
Short-term Health Effects	<i>Depends on the type of exposure; but exposure to dust and fire residues can cause coughing, other respiratory irritations, headache, eye irritation and skin irritation. Exposure to smoke from a battery fire (if one starts) should be avoided but can lead to similar short term health effects and HF exposure may cause pulmonary oedema or systemic poisoning affecting calcium metabolism and cardiac function.</i>	<i>Based on potential components of waste stream</i>
Long-term Health Effects	<i>Chronic respiratory irritation, dermatitis, eye problems and breathing difficulties.</i>	As above
Human Exposure pathways	<i>Will only occur in event of failure of the container or opening containers or in the event of degassing and fire. Pathways would be via:</i> <i>• skin/eye contact</i> <i>• inhalation</i> <i>• ingestion</i>	N/A

WASTE-SPECIFIC HAZARDS		
Hazards related to waste handling	- Manual handling - Heat stress	IWDF Health & Safety Aspects & Impacts Register
Exposure Risk – during waste handling	Low – Waste contained in shipping containers and covered with sand	OTP
Exposure Risk – in event of spill	Low – Waste is solid and provided it does not ignite (in the case of the defective batteries) it can be recovered using on-site machinery. During the Defective Battery Waste Acceptance and Unloading stage if the defective batteries ignite due to agitation or dropping, DFES will be available immediately.	OTP DFES
Exposure Risk – Vehicle unloading or placing waste in the laydown area catches fire	DFES response vehicles will remain in close proximity to the laydown area throughout the waste unloading phase of the disposal operation. DFES firefighting resources and trained personnel will be placed on standby where required. The IWDF support and emergency response vehicle will be equipped with a satellite phone, handheld UHF radio, first aid kit, emergency contact information, emergency response procedures, and stretcher transport capability. An Emergency Response Team (ERT) will remain on site or on standby for the Waste unloading phase of the operation. IWDF personnel will be supported by emergency response procedures, waste-specific handling protocols, relevant training, and OHSERP guidelines, with mandatory use of appropriate PPE. Safety Data Sheets (SDS) will be readily available for all waste streams being disposed of. Site firefighting equipment is regularly inspected and serviced, with equipment locations clearly communicated to all personnel. Firebreaks are routinely inspected and maintained to support site fire prevention and emergency response capabilities. Loader available to place sand on fire if safe to do so.	IWDF Health & Safety Aspects & Impacts Register DFES

WASTE-SPECIFIC CONTROLS AND PROCEDURES		
Personal Protective Equipment**	<i>Waste Handling – normal PPE for site works including gloves, safety glasses and a P2/P3 mask.</i> <i>If a container begins actively degassing or is being opened for inspection – utilise a full-face respirator with combined particulate / acid gas cartridges, Tyvek coveralls and nitrile gloves.</i> <i>Minimum respiratory protection is to fit the full-face respirator with a phosphine-approved ABEK-P3 (or equivalent) cartridge.</i>	Safety Instruction SI-02 Personal Protective Equipment
Exclusion Zone	<i>In accordance with the IWDF Environmental Health Safety Quality Management System (EHSQMS) procedure.</i>	Safety Instruction SI-08 Exclusion Zones
Washing and Decontamination	<i>In accordance with the IWDF EHSQMS procedures</i>	Safety Instruction SI-03 Hygiene and Decontamination
Medical Clearance (if required)	None	Safety Instruction SI-04 Occupational Monitoring
Biological Monitoring (if required)	None	Safety Instruction SI-04 Occupational Monitoring
Thermal Monitoring	<i>High-resolution thermal imaging will be used during waste unloading and waste placement activities within the disposal trench. Thermal monitoring will assist in identifying abnormal temperature increases within waste materials, enabling early intervention and implementation of appropriate controls where required</i>	Disposal Operation Procedure OP-06 Waste Delivery, Acceptance and Disposal
Air Monitoring (if required)	<i>Normal dust monitoring</i> <i>Additionally monitoring for phosphine gas, O₂ levels, and LFL will be used during waste unloading and waste placement activities at the base of the trench when placing the 9 sea containers holding the defective batteries. This measure may also be undertaken for the 18 sea containers with battery fire residue if off gassing recurs.</i>	<i>Environmental Instruction EI-01 Physical Environment Monitoring</i> <i>Based on DFES advice</i>
Personal Dust Monitoring (if required)	<i>None - no dust pathway expected since waste contained and covered with sand. No personnel close to waste whilst it is being placed.</i>	Safety Instruction SI-04 Occupational Monitoring

Training	<i>Waste Handling Induction for all waste handling personnel prior to activities. In accordance with the IWDF EHSQMS procedures, as well as incorporating waste specific procedures (this OHSERP).</i>	<i>Management Procedure MP-03 Training and Competency</i>
Emergency Response specifics	<i>In accordance with the IWDF EHSQMS procedures. During the Defective Battery Waste Acceptance and Unloading stage if the waste ignites, personnel are not to attempt to control the fire and are to evacuate to an upwind location and allow DFES to control the situation. Loader available to place sand on fire if safe to do so.</i>	<i>Emergency Response Instruction ERI-01 Medical, Waste, and Fire Emergency Response (Appendix B)</i>

* Reference to the IWDF EHSQMS procedures or other operation procedures.

** In addition to D₂ PPE defined in IWDF Safety Instruction SI-02 Personal Protective Equipment.

APPENDIX B

IWDF Environmental Health Safety Quality Management System: Emergency Response Instruction ERI-01 Medical, Waste, and Fire Emergency Response

EMERGENCY RESPONSE INSTRUCTION

MEDICAL, WASTE, AND FIRE EMERGENCY RESPONSE INSTRUCTION ERI-01

1. PURPOSE

This instruction must be followed in the event of emergencies at the IWDF. This includes injuries, evacuation, incidents involving hazardous materials, and fires.

2. SCOPE

This instruction addresses procedures to be followed in the event of emergencies at the IWDF. This instruction is split into three main sections. **Section 5** covers injuries and medical evacuation procedures for general activities and those requiring exclusion zones (e.g., waste loading and placement). **Section 6** covers waste incident response activities for when waste containers fail and spill material, and when waste transport vehicles breakdown. **Section 7** describes actions for responding to bushfires, vehicle fires or fires at the IWDF facilities.

3. RESPONSIBILITY

The **Safety Manager** and the **Systems Manager** are responsible for:

- the contents of this procedure and revision if required;
- ensuring that it is distributed; and
- ensuring that appropriate training is provided in relation to this instruction.

On site, the **Operations Manager**, the **Safety Manager**, the **First Aid Officer**, and the **Environment Manager** are responsible for the implementation of the procedure, as outlined below.

4. DEFINITIONS

DHW	Department of Housing and Works
ERI	Emergency Response Instruction
ERP	Emergency Response Procedure
FMC	Facility Management Contractor
IWDF	Intractable Waste Disposal Facility
MP	IWDF Management Procedure
OHSERP	Operation Health and Safety and Emergency Response Procedure
OP	Operational Procedure
PCR	Performance & Compliance Report
PPE	Personal Protective Equipment
RFDS	Royal Flying Doctor Service

PROCEDURES	References & Reports	Responsible Party
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5. INJURY AND EVACUATION

5.1 General Information

If an accident or severe medical emergency occurs, Sandy Ridge management have agreed to make available any assistance required through their emergency response personnel. This includes the use of the Sandy Ridge ambulance for transport to the nearest hospital or to an airstrip for evacuation by the RFDS. Refer to the *Emergency Contact List* for contact details.

**Operations
Manager, All
site personnel**

*Emergency
Contact List*

The nearest airstrip is located at the Mt Dimer Mine site, although a better alternative is located at Carina just off the IWDF Access Road 5km North of the railway crossing.

5.2 Injury and Evacuation Procedure

- 1 Raise the alarm.
- 2 Assess the risk.
- 3 Administer first aid, alerting the First Aid Officer if not already present. Check Danger-Response-Airway-Breathing-Circulation, then CPR-Defibrillate if necessary. Contact the **Poisons Information Service** on **13 11 26** if poisoning is suspected.
- 4 The Operations/Site Manager and the First Aid Officer shall assess whether evacuation is required.
- 5 If less immediate medical attention is required, or if treatment by the First Aid Officer is sufficient, the patient(s) may be driven to Kalgoorlie Regional Hospital or collected by an arranged ambulance at the southern end of the IWDF Access Road.
- 6 If immediate evacuation is required, call Sandy Ridge to arrange for the use of their ambulance and emergency response personnel.
- 7 Inform the FMC Project Manager and DHW Project Director of the accident or incident once the situation has been "made safe" (refer to *Emergency Contact List* for contact details). Submit an email incident report to DHW as soon as practicable (within 24 hours).

**All site
personnel**

*Emergency
Contact List*

**Operations
Manager, Site
Manager, First
Aid Officer**

*Emergency
Contact List*

*Emergency
Contact List*

- 8 If the nature of the accident is such that further transport of waste to the site should be delayed, advise the waste owner as per the appropriate OSHERP.
- 9 Assess whether notifiable injuries have been incurred (*Work Health and Safety Act 2020*, Part 3). The Operations / Site Manager is to communicate any notifiable injury to the DHW Project Director and the waste owner. The former will notify WorkSafe Western Australia as per the *Work Health and Safety Act 2020*, section 38.
- 10 Prevent access to, and movement within, the accident area so that an accident investigation can be undertaken and documented thoroughly (use of a camera is essential). If a notifiable incident has occurred, the site where the incident occurred must not be, so far as reasonably practical, disturbed until an inspector arrives at the site or any earlier time that an inspector directs.
- 11 Permit site operations to resume following approval from WorkSafe investigators (if required), a debrief, and when the Operations or Site Manager is satisfied that it is safe to do so (see Emergency Response Procedure *ERP-02 Emergency Response Management*). A final investigation report is then to be submitted to DHW within a timeframe negotiated with DHW.

*Site specific
disposal
operation
contact list*

**Operations
Manager, Site
Manager**

ERP-02

**Operations
Manager, Site
Manager**

5.3 Injury and Evacuation Procedure – Exclusion Zone/Waste Activities

If an accident or medical emergency occurs in the exclusion zone that require first aid treatment of the person pending evacuation to hospital, the action undertaken should consider the entry restrictions to the exclusion zone.

**All Site
Personnel**

Action to render first aid to the person will be governed by potential spillage of waste and PPE requirements.

Only personnel trained in exclusion zone (waste) activities shall be allowed to enter the exclusion zone.

At all times, rescue personnel are to ensure that they do not encounter any spilled waste, unless suitably attired.

The Emergency Response Procedures outlined below and in Section 6 shall be followed for an accident or injury involving waste, as further detailed below:

1. The Operations or Site Manager (or Safety Manager or Environment Manager in his/her absence) shall determine whether there has been any spillage of the waste.
2. If satisfied that no spillage of waste has occurred, or that any spillage has not contacted the injured person, lift the PPE restrictions in the exclusion zone (hard hats should continue to be worn), and proceed to Step 6.
3. If satisfied that spillage of waste has occurred and has contaminated the injured person, specify that all personnel attending the injured person must wear PPE to prevent exposure to the contaminant. The PPE required will be specified by the Operations Manager and/or the Safety Manager, by reference to the appropriate OHSERP.
4. If the injured person has skin contact with the waste, such contamination should be cleaned as quickly as possible without risking further injury. Clean contamination from injured person using emergency water canister (located in disposal trench office).
5. Contamination on the injured person's PPE may be left until medical advice indicates that the PPE can be removed.
6. Provide First Aid (First Aid Officer). Check Danger-Response-Airway-Breathing-Circulation, then CPR-Defibrillate if necessary. Contact the **Poisons Information Service** on **13 11 26** if poisoning is suspected.
7. Remove the patient from the trench using an emergency stretcher.
8. Evacuate the patient using a project vehicle if necessary.
9. Follow steps 5-11 of Section 5.2 Injury and Evacuation Procedure. If required, call the **RFDS** on **1800 625 800** or on **08 9417 6389** if you use a satellite phone.

**Operations
Manager, Site
Manager,
Safety
Manager,
Environment
Manager**

*Emergency
Contact List*

**First Aid
Officer**

*Emergency
Contact List*

6. WASTE INCIDENT AND SPILL RESPONSE

6.1 General Information

At all times, response personnel are to ensure that they do not encounter any spilled waste.

**All site
personnel**

6.2 Failure of Waste Container

The details of this procedure will be dependent on the specific nature of the waste and the disposal operation, and is expanded upon in the appropriate OHSERP, where necessary.

OHSERP

***All site
personnel***

Waste containers will be inspected at the time of delivery and when unloading occurs. If a failed container is noticed when being removed from the back of the truck the following actions must be followed under the direct control of the Operations Manager or delegate:

***Operations
Manager***

1. The failed container must be immediately put down again on the truck. No failed containers are to be lifted from a truck, unless being handled for additional containment.
2. Failed containers shall be wrapped in a tarpaulin, by personnel using appropriate PPE.
3. Wrapped, failed containers shall be returned to the waste owner's storage site for cleaning or repackaging, or placed in the trench, at the direction of the Operations Manager.
4. The Operations Manager shall contact the FMC Project Manager and DHW Project Director of the accident or incident once the situation has been "made safe". (refer to *Emergency Contact List* for contact details). An email incident report will then be submitted to DHW as soon as practicable (within 24 hours).
5. Follow steps of the spill procedure (below) if necessary.

*Emergency
Contact List*

6.3 Spillage of Waste or Other Material

The details of this procedure will be dependent on the specific nature of the waste or spilled material. Details of waste-specific PPE requirements are given in the OHSERP.

OHSERP

***All site
personnel,
Operations
Manager***

If a spill of waste material is identified the following actions must be followed under the direct control of the Operations Manager:

1. In general, the Operations Manager will establish an **Exclusion Zone** extending 10 m from the spill if the location is not already within an exclusion zone. Appropriate **PPE** must be worn within this zone. Only personnel trained in exclusion zone (waste) activities shall be allowed to enter the exclusion zone.

***Operations
Manager***

**All site
personnel**

2. All personnel must be evacuated from the spill area to an area **upwind** of the spill.
3. If an injury is identified, refer to Section 5.3 **Injury and Evacuation Procedure – Exclusion Zone/Waste Activities**.
4. If a container of the waste fails after it has been lifted clear of the truck and waste material is spilled onto the ground, the waste will be immediately covered with soil. The waste and soil will be placed into another waste container, and the container will be placed in the disposal trench. The excavation void space will be filled with sand.
5. If a waste container fails and waste material is spilled onto the truck, the spillage must be immediately covered with a tarpaulin pending decontamination of the vehicle. Such decontamination will be conducted using a dry method (e.g., using brushes or a vacuum cleaner and avoiding wetting where possible) to avoid soil contamination.
6. The Operations Manager shall contact the FMC Project Manager and DHW Project Director of the accident or incident once the situation has been “made safe”. (refer to Emergency Contact List for contact details). An email incident report will then be submitted to DHW as soon as practicable (within 24 hours).
7. Ensure that all personnel who have been in contact with the waste follow decontamination procedures, as outlined in Safety Instruction SI-03 *Hygiene and Decontamination*.

**Operations
Manager***Emergency
Contact List**SI-03***6.4 Waste Transport Vehicle Breakdown**

The details of this procedure will be dependent on the specific nature of the waste and the disposal operation. Details of waste-specific PPE requirements are given in the OHSERP.

*OHSERP***All site
personnel**

If a truck carrying waste should suffer a mechanical breakdown while on site, all reasonable efforts will be made to repair the vehicle or tow it to the disposal trench. Transfer of the waste to a second vehicle will only occur if these actions are not possible. In either case, all actions will be under the control of the Operations Manager.

The Operations Manager shall contact the FMC Project Manager

**Operations
Manager**

and DHW Project Director of the accident or incident once the situation has been “made safe”. (refer to *Emergency Contact List* for contact details). An email incident report will then be submitted to DHW as soon as practicable (within 24 hours).

*Emergency
Contact List*

**Operations
Manager**

If a spill is identified, follow steps of Section 6.3 Spillage of Waste or Other Material.

7 FIRE RESPONSE

7.1 General Information

Personnel safety is ALWAYS to be preserved above property. A fire break has been established around the camp. Contain any firewater, if possible, to prevent leaching into the ground.

**All site
personnel**

7.2 Bush Fire

If a bush fire is noticed by any person on-site, the alarm is to be raised by portable or CB/UHF radio. The Operations and Safety Manager must be notified ASAP, and the following actions will be undertaken at their direction.

OHSERP

**All site
personnel**

All personnel are to assemble at the muster point if safe to do so. The muster point will be upwind of the fire. An alternative muster point may be required as otherwise directed by the Operations Manager or Safety Manager. The Safety or Operations Manager is to check that all site personnel are accounted for and unharmed. A search and / or rescue will be implemented where possible for any missing personnel.

**Operations
Manager,
Safety Manager**

Site personnel are **NOT** to drive along side-tracks around the site under any circumstances.

The First Aid Officer(s) will administer first aid to any injured individuals (see Section 5.2 Injury and Evacuation Procedure).

**Operations
Manager,
Safety Manager**

An assessment of the need for an evacuation to Mt Dimer airfield or south to Great Eastern Highway will be undertaken by the Operations or Safety Manager. Evacuation should be upwind of the fire.

**Operations
Manager,
Safety Manager**

Where evacuation is not feasible, the Operations or Safety Manager will instruct personnel to assemble in one of the largest available buildings at the site accommodation area, furthest from flammable materials (e.g., bush, trucks, and fuel supply). If personnel are in the trench area and safe access to the site accommodation area is not

possible, personnel should assemble in the trench office building.

If possible, fire blankets, drinking water, hard hats, steel toed boots and safety glasses should be retained. No vehicles are to be parked in the assembly area as they add a fire / explosive risk. A portable satellite telephone should also be retained in the assembly area to call for emergency assistance.

If injuries warrant evacuation of personnel to hospital, refer to Section 5.2 Injury and Evacuation Procedure.

*Emergency
Contact List*

**Operations
Manager**

The Department of Fire and Emergency Services WA is to be called in the event of any uncontrollable fire - **DFES - 000**. Sandy Ridge also has a fire truck which can be made available upon request.

If the fire can be controlled and extinguished by personnel on site, the Operations Manager will instruct the course of action. All available firefighting equipment (extinguishers, hose, and buckets of water) shall be employed to control or extinguish the fire.

*Emergency
Contact List*

The Operations Manager shall contact the FMC Project Manager and DHW Project Director of the accident or incident once the situation has been “made safe”. (refer to *Emergency Contact List* for contact details). An email incident report will then be submitted to DHW as soon as practicable (within 24 hours).

7.3 Office/Accommodation Block Fire

In the event of a fire in the office or accommodation blocks, the following actions should be undertaken:

**All site
personnel**

1. Raise the alarm by shouting “Fire” in the local vicinity and using radio call or vehicle horn to alert distant personnel.
2. All personnel are to evacuate the buildings and assemble in an upwind location designated by the Operations or Safety Manager.
3. The Safety or Operations Manager is to check that all site personnel are accounted for and unharmed. A search and rescue will be implemented for any missing personnel, where possible.

**Operations
Manager,
Safety Manager**

**First Aid
Officer**

The First Aid Officer(s) will administer first aid to any injured individuals (see Section 5.2 Injury and Evacuation Procedure).

Assess whether the fire can be controlled and extinguished by

personnel on site. The Department of Fire and Emergency Services WA is to be called in the event of any uncontrollable fire - **DFES - 000**.

All available firefighting equipment (extinguishers, hose, and buckets of water) shall be employed to control or extinguish the fire.

**Operations
Manager**

The Operations Manager shall contact the FMC Project Manager and DHW Project Director of the accident or incident once the situation has been "made safe." (refer to *Emergency Contact List* for contact details). An email incident report will then be submitted to DHW as soon as practicable (within 24 hours).

*Emergency
Contact List*

7.4 Vehicle Fire

If a vehicle (forklift) moving waste into the trench, or a truck transporting waste, should catch fire, the following actions should be undertaken.

All reasonable efforts shall be made to extinguish the fire, under the direction of the Operations Manager / Site Manager. **However, since poisonous gases may be produced if the waste material is in contact with the fire, site personnel are not to attempt to control the fire. Instead, evacuate the exclusion zone and leave firefighting to appropriately equipped emergency service personnel.**

**Operations
Manager, Site
Manager**

DFES

If required, call the **DFES – 000**.

If fire is in the prime mover, evacuate vehicle and move at least 800 m from the prime mover and tray.

If fire is on the tray, disconnect the prime mover if it is safe to do so. Take it at least 800 m upwind of the tray.

An **800 m Exclusion Zone** shall be established around the vehicle in the case of fire.

**Operations
Manager**

The Operations Manager shall contact the FMC Project Manager and DHW Project Director and inform them of the accident or incident once the situation has been "made safe". (refer to *Emergency Contact List* for contact details). An email incident report will then be submitted to DHW as soon as practicable (within 24 hours).

*Emergency
Contact List*

8. RECORDS AND REPORTING

Emergencies shall be reported and recorded in accordance with Emergency Response Procedure *ERP-01 Incident Prevention, Reporting and Investigation*.

**Safety
Manager,
Operations
Manager**

9. SUPPORTING DOCUMENTS

Emergency Response Procedures and Instructions:

ERP-01 Incident Prevention, Reporting and Investigation

ERP-02 Emergency Response Management

ERI-02 Transport Emergency Response

Safety Instructions:

SI-03 Hygiene and Decontamination

10. REFERENCES

Not applicable.

Rev	Date	Description	Prepared by:	Checked by:	Approved by:
1	18/01/24	Draft, streamlining ERI-01, -02, and -03 into one procedure.	CJG	MJS	MT
2	6/03/25	Draft	CJG	MJS	MT
3	21/05/25	Draft	CJG	MJS	MT
4	28/07/25	Finance changed to DHW	CJG	MJS	MT