



Draft Hazardous Substance Management Plan

Eldonwood Development

Unity Management Limited

Prepared by:

SLR Consulting New Zealand

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Revision Record

Revision	Date	Prepared By	Checked By	Authorised By
1.0	9 May 2025	O. Mollentze	N. Mather	
2.0	27 May 2025	O. Mollentze	N. Mather	

Basis of Report

This report has been prepared by SLR Consulting New Zealand (SLR) with all reasonable skill, care and diligence, and taking account of the timescale and resources allocated to it by agreement with Unity Management Limited (the Client). Information reported herein is based on the interpretation of data collected, which has been accepted in good faith as being accurate and valid.

This report is for the exclusive use of the Client. No warranties or guarantees are expressed or should be inferred by any third parties. This report may not be relied upon by other parties without written consent from SLR.

SLR disclaims any responsibility to the Client and others in respect of any matters outside the agreed scope of the work.



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Acronyms and Abbreviations

ASSMP	Acid Sulfate Soils Management Plan
BMS	Battery Management System – safety and control system in lithium-ion batteries.
CSMP	Contaminated Site Management Plan
EPA	Environmental Protection Authority (New Zealand)
HSMP	Hazardous Substances Management Plan
HSNO	Hazardous Substances and New Organisms Act 1996
HSW Act	Health and Safety at Work Act 2015
LPG	Liquefied Petroleum Gas
MPDC	Matamata-Piako District Council
PPE	Personal Protective Equipment
SDS	Safety Data Sheet
TBC	To Be Confirmed – information to be filled in when the responsible person or specific details are decided.
UN Number	United Nations Number – a four-digit number identifying hazardous substances during transport.
WES	Workplace Exposure Standards
WMA	Waste Minimisation Act
WRC	Waikato Regional Council



1.0 Introduction

Unity Management Limited (the Client) has engaged SLR Consulting New Zealand (SLR) to prepare a draft Hazardous Substance Management Plan (HSMP) in support of a Fast-track referral application for the proposed development at Eldonwood Drive and Station Road, Matamata.

The proposed development includes eight land parcels (collectively referred to as the 'Site'), as detailed in Section 2.0. Refer to the Site Location Plan provided in **Appendix A**.

1.1 Proposed Development

The proposed development at the Site includes a change in land use from the current pastoral land use to a mixed-use area, comprising:

- Two solar farms (northern and southern);
- An eight-stage residential development;
- A commercial area;
- A retirement village (including a Hospital and Facilities building); and
- Open green space.

1.2 Purpose

This draft HSMP outlines a preliminary framework for managing hazardous substances expected to be on Site during the operational phases of the proposed Site. It is intended to support the fast-track consent process and will be updated and finalised once substance-specific information is confirmed.

1.3 Site Details

Site identification details are provided in Error! Reference source not found.. Refer to the Site Location Plan provided in **Appendix A**.

Table 1: Site Identification Details

Aspect	Details
Site Location	Eldonwood Drive and Station Road, Matamata
Legal Descriptions	Part Lot 1 DP 21055 Lot 1 DPS 65481 Lot 2 DP 21055 Lot 2 DP 567678 Lot 3 DPS 14362 Lot 4 DP 384886 Lot 5 DP 384886 Lot 204 DP 535395
Government Authority	Local Authority: Matamata-Piako District Council (MPDC) Regional Authority: Waikato Regional Council (WRC)
Site Area	Approximate 126 hectares (Ha)



2.0 Legislative and Environmental Framework

2.1 Environmental and Legislative Requirements

This HSMP has been developed to comply with the following key legislation and guidelines:

- Hazardous Substances and New Organisms Act 1996 (HSNO)
- Health and Safety at Work Act 2015
- Resource Management Act 1991
- Waste Minimisation Act 2008
- Relevant EPA Notices (e.g., Hazard Classification, Hazardous Property Controls)
- Local council and regional requirements including Waikato Regional Council guidance and the Matamata-Piako District Waste Management Plan

It also aligns with WorkSafe New Zealand's Code of Practice for the Management of Hazardous Substances in the Workplace and Workplace Exposure Standards.

2.2 Environmental Management Integration

The HSMP will operate alongside the existing Contaminated Site Management Plan (CSMP) and Acid Sulphate Soils Management Plan (ASSMP) prepared for the site. These plans form part of the broader environmental strategy for the fast-track referral application. The HSMP complements the CSMP and ASSMP by ensuring that hazardous substances stored and used as part of operation of the development are handled in a way that minimizes the risk of soil and groundwater contamination and does not exacerbate existing site conditions (e.g., acid sulphate soil mobilisation or legacy contamination exposure).

Integration of all environmental plans will be ensured by:

- Cross-referencing roles and responsibilities between the HSMP, CSMP, and ASSMP
- Coordinated Site inductions and toolbox talks to raise awareness of all environmental risks and controls
- Shared audit schedules and recordkeeping systems to enable unified compliance tracking

3.0 Hazardous Substance Management

3.1 Inventory of Hazardous Substances

An initial inventory of hazardous substances likely to be used or stored on-site has been prepared based on the proposed development and expected infrastructure. This includes substances required for Site operations such as fuel, cleaning agents, pool chemicals, and gas cylinders. The inventory summarised in **Appendix B** will be refined as the design progresses and updated in the final HSMP prior to commencement of proposed development, in accordance with the requirements of the *Health and Safety (Hazardous Substances) Regulations 2017*.

3.2 Storage and Segregation

Hazardous substances must be stored in a manner that minimises risk to people, property, and the environment in accordance with the *Health and Safety at Work (Hazardous*



Substances) Regulations 2017 and the Hazardous Substances and New Organisms Act 1996 (HSNO Act). This includes ensuring proper containment, ventilation, and physical separation of incompatible substances, as outlined in WorkSafe's *Code of Practice for the Management of Hazardous Substances in the Workplace* and the EPA's *Hazard Classification and Hazardous Property Controls Notices*. Storage areas will be clearly signposted, secure, and accessible only to authorised personnel. Substances will be segregated based on hazard classification (e.g. flammable, corrosive, oxidising), and appropriate spill kits and personal protective equipment (PPE) will be available nearby.

The table in **Appendix B** outlines proposed storage locations and key segregation requirements based on known and anticipated Site uses.

3.3 Risk Management and Controls

Effective risk management is essential to ensure the safety of workers, the public, and the environment. Hazards associated with hazardous substances will be identified, assessed, and controlled in accordance with the *Health and Safety at Work Act 2015 and the Health and Safety at Work (Hazardous Substances) Regulations 2017*. Control measures will follow the hierarchy of controls, including elimination, substitution, engineering controls, administrative controls, and personal protective equipment (PPE) to reduce risk to as low as reasonably practicable (ALARP). All risks will be regularly monitored, and appropriate corrective actions will be taken to mitigate any identified hazards. The HSMP will be reviewed periodically and updated to account for any changes in operations or hazardous substances.

The table in **Appendix B** outlines the key hazardous substance risks and the corresponding control measures.

3.4 Purchasing and Supply Chain Controls

Hazardous substances will only be purchased through approved suppliers to ensure compliance with:

- Labelling and packaging standards under the HSNO Act
- Supplier provision of up-to-date Safety Data Sheets (SDS)
- Compatibility with existing Site controls and storage infrastructure

All purchases will be recorded in a centralised hazardous substances register maintained by the Site Manager and reviewed monthly to ensure the Site only stocks quantities necessary for immediate operations, reducing storage risks.

3.5 Hazardous Substance Labelling and Signage

All containers of hazardous substances will be clearly labelled in accordance with the *Hazardous Substances (Labelling) Notice 2020*. This includes:

- Substance name
- Hazard classification
- Pictograms and signal words (e.g., Danger, Warning)
- Precautionary statements

Storage areas will have visible signage indicating the type of hazardous substances stored, applicable hazard symbols, and relevant emergency response instructions. Signage will comply with AS/NZS 1319 and be maintained in good condition.



3.6 Site Plan and Storage Locations

A Hazardous Substances Location Plan will be prepared as part of the final HSMP. This plan will show:

- Storage locations for all hazardous substances (e.g., pool chlorine, diesel, LPG)
- Spill kit and emergency response equipment placement
- Site access and evacuation routes
- Fire extinguisher and first aid station locations

The plan will be displayed in key locations including the Site office and near each designated storage area and will be included in the Site induction material.

3.7 Safety Data Sheets

Safety Data Sheets (SDS) provide critical information on the safe handling, storage, and emergency response for hazardous substances. SDSs will be obtained and kept on file, along with the hazardous substance inventory, for all hazardous substances used or stored on-site. These must be readily accessible to all staff and contractors, particularly in storage areas and work zones. The SDS library will be reviewed regularly and updated as new substances are introduced. The table in **Appendix B** summarises the initial SDS management approach, including expected storage locations, review frequency, and responsible personnel.

4.0 Roles, Responsibilities and Training

4.1 Roles and Responsibilities

Clear roles and responsibilities are essential to ensure hazardous substances are managed safely and in compliance with legislation requirements. **Table 2** outlines the key personnel assigned to oversee handling, storage, and disposal of hazardous substances. These responsibilities will be further defined and formalised in the final HSMP prior to commencement of proposed development.

Table 2: Roles and Responsibilities for Hazardous Substances Management

Role	Responsibility	Personnel
The Client / Developer	<ul style="list-style-type: none">• Ensure hazardous substance risks are considered during planning and design.• Appoint competent personnel with adequate resources.• Support the development and implementation of the HSMP.• Approve purchases only with appropriate controls in place.• Ensure compliance with regulatory and consent requirements.	Unity Management Limited
Site Manager(s)	<ul style="list-style-type: none">• Implementation of the HSMP• Hazardous substance storage and handling• Staff training and supervision• Safety and emergency response• Monitoring and reporting• Coordination with Environmental Manager	TBC



Role	Responsibility	Personnel
	<ul style="list-style-type: none"> Permit and regulatory compliance 	
Health & Safety Manager(s) or Representative(s)	<ul style="list-style-type: none"> Development and enforcement of safety procedures Provide training and awareness Lead risk assessment and hazard identification Oversee health monitoring and reporting Lead incident investigations Ensure regulatory compliance Oversee personal protective equipment (PPE) Collaboration with Site and Environmental Manager(s) 	TBC
Environmental Manager(s)	<ul style="list-style-type: none"> Ensuring compliance with environmental regulations and standards. Overseeing spill containment and response. Managing environmental monitoring and reporting. Ensuring proper waste management practices to minimize environmental impact. 	TBC
Facilities Manager(s)	<ul style="list-style-type: none"> Oversee safe storage and access to hazardous substances used in kitchens and facility areas. Maintain SDSs availability in relevant locations 	TBC
Maintenance Supervisor(s)	<ul style="list-style-type: none"> Ensure SDSs for operational chemicals (e.g. pool chemicals, cleaning agents) are accessible and up to date. Train maintenance staff on correct handling procedures. 	TBC
All Site Workers	<ul style="list-style-type: none"> Follow procedures for hazardous substance handling and storage. Use PPE correctly and as instructed. Report spills, leaks, or damaged containers immediately. Participate in training and Site inductions. Maintain good housekeeping and avoid unauthorised access to substances. 	All Site Workers

Note: Specific role assignments may be refined in the final HSMP based on final Site operations and staffing.

4.2 Training and Supervision

All personnel handling hazardous substances will receive appropriate training to ensure they understand the risks and know how to respond safely. This includes training on the safe use, storage, and disposal of hazardous substances, as well as emergency response procedures. Regular refresher courses will be provided to ensure knowledge remains up to date, especially when new substances are introduced. Supervisory staff will ensure that safety procedures are followed on-site and will provide ongoing oversight and mentoring to workers. Training records will be maintained for all employees and contractors involved with hazardous substances.

Table 3 below summarises the training and supervision requirements for different roles and hazardous substances on-site.



Table 3: Training and Supervision Requirements

Role	Training Requirements	Supervisory Role	Frequency of Training / Review
Site Manager	<ul style="list-style-type: none"> General hazardous substance safety Emergency response Risk assessment and control measures 	<ul style="list-style-type: none"> Oversee all hazardous substance handling and storage Conduct safety audits and inspections 	Annual training and refresher courses
Health and Safety Manager	<ul style="list-style-type: none"> Hazardous substance safety Spill response PPE use SDS interpretation 	<ul style="list-style-type: none"> Supervise safe work practices Conduct regular safety audits and training 	Bi-annual refresher training and annual drills
Environmental Manager	<ul style="list-style-type: none"> Waste management training Handling of biological waste and hospital waste safety 	<ul style="list-style-type: none"> Monitor and oversee hazardous substance disposal and segregation 	Bi-annual review of waste management procedures
Maintenance Supervisor	<ul style="list-style-type: none"> Handling of pool chemicals Equipment maintenance and safety 	<ul style="list-style-type: none"> Supervise safe handling and storage of pool chemicals Oversee equipment checks 	Quarterly refresher training
Facilities Manager	<ul style="list-style-type: none"> LPG storage and safety Emergency response for gas leaks 	<ul style="list-style-type: none"> Supervise gas bottle storage and safety procedures Ensure compliance with gas storage regulations 	Annual training and gas leak drills
Site Workers / Contractors	<ul style="list-style-type: none"> Safe handling of chemicals Emergency response Use of PPE 	<ul style="list-style-type: none"> Follow training for safe chemical handling and report unsafe conditions 	<ul style="list-style-type: none"> Initial training at onboarding Annual refresher courses

5.0 Emergency Response and Incident Management

An effective emergency response plan is essential to minimise the impact of hazardous substance incidents, such as spills, leaks, or exposure. All employees and contractors must be familiar with emergency response procedures, including evacuation protocols, spill containment, first aid, and reporting mechanisms. Emergency response equipment, such as spill kits, fire extinguishers, and first aid supplies, will be readily available at key locations. The emergency response plan will be reviewed regularly, and drills will be conducted to ensure preparedness in the event of an incident.

The table in **Appendix B** outlines the emergency response actions for hazardous substances and highlights the equipment needed, personnel responsible, and how often the procedures should be reviewed or drilled.



6.0 Waste Management and Disposal

Proper disposal of hazardous substances is critical to preventing environmental contamination and ensuring compliance with regulatory requirements. Hazardous waste will be segregated, stored, and disposed of in accordance with New Zealand's environmental regulations, including the *Waste Minimisation Act 2008* and local council guidelines. Only licensed contractors will be used for hazardous waste disposal, and disposal methods will be selected based on the type of substance (e.g., chemical, biological, or general waste).

Records of all waste disposal activities will be maintained, including details on the quantity, type, and method of disposal.

The table in **Appendix B** outlines the disposal procedures and methods for hazardous substances used on-site.

7.0 Monitoring, Review, and Continuous Improvement

7.1 Review and Audit

To ensure the effectiveness and regulatory compliance of the HSMP, regular reviews and audits will be conducted. The HSMP will be reviewed at least annually or earlier if there are significant changes to:

- The types or quantities of hazardous substances used;
- Regulatory requirements; or
- Site operations and procedures.

Audits may be conducted internally or by external parties to verify compliance with both the HSMP and relevant environmental and health and safety legislation. Any deficiencies identified during audits or reviews will be documented, and corrective actions will be implemented promptly.

7.2 Recommendations

Based on a review of this draft HSMP, the following recommendations are made to support its finalisation and the fast-track referral application:

- **Finalise the HSMP:** Review all sections to confirm accurate identification of hazardous substances, proper handling procedures, and full compliance with applicable regulations. Ensure all responsibilities are clearly assigned.
- **Regular Updates:** Maintain the HSMP as a living document. Update it whenever new hazardous substances are introduced or if there are changes to legislation, Site operations, or roles.
- **Clarify Emergency Procedures:** Ensure emergency protocols are tailored to the specific hazardous substances and risks on-site and are feasible to implement.
- **Monitor Compliance:** Establish a system for ongoing compliance monitoring, including internal audits and regular inspections of hazardous substance handling and storage.
- **Stakeholder Involvement:** Involve all relevant stakeholders, including the Client, Site managers, and workers, in the review and implementation of the HSMP to promote understanding, accountability, and safe practices.



8.0 Report Status

This report has been approved by Nigel Mather, a Suitably Qualified and Experienced Practitioner (SQEP) as outlined in the MfE Contaminated Land Management Guidelines No.5 – Site Investigation and Analysis of Soils, 2021 (CLMG No.5) and the Resource Management (NESCS) Regulations, 2011. Nigel is also experienced in managing risks associated with the storage, handling, use, and disposal of hazardous substances.

This report is intended to support Unity Management Ltd in preventing and managing adverse effects associated with hazardous substances which may be used as part of operations at the site.

9.0 References

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Appendix A Site Location Plan

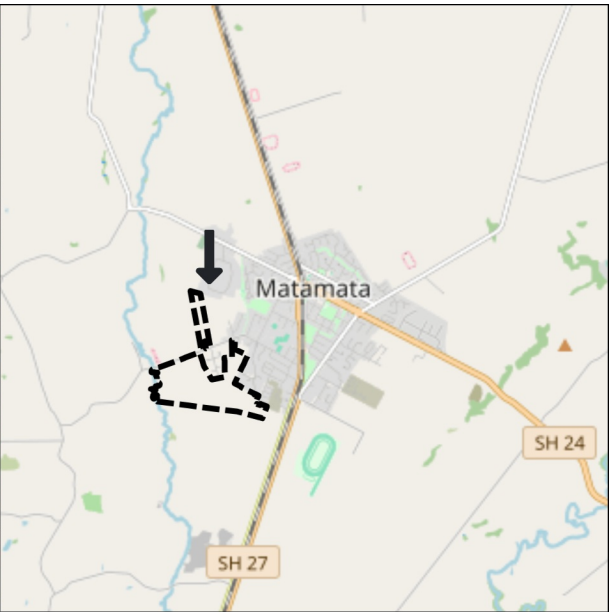
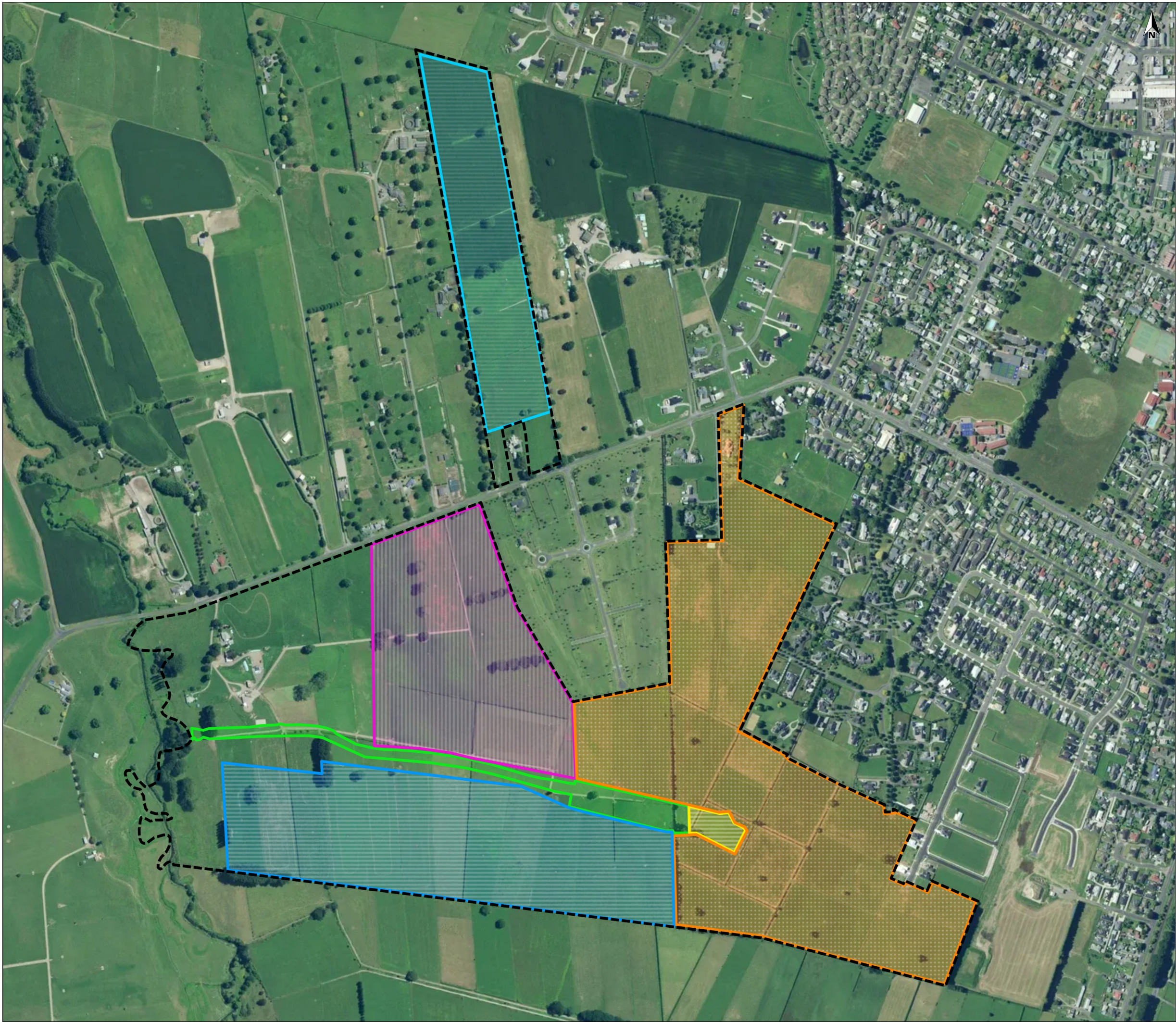
Draft Hazardous Substance Management Plan

Eldonwood Development

Unity Management Limited

SLR Project No.: 850.016761.00001

27 May 2025



Legend

- Site Boundary
- Solar Farm (Northern)
- Solar Farm (Southern)
- Residential Development
- Retirement Village
- Commercial Development
- Green Space

0 100 m 200 m
LINZ CC BY 4.0 © Imagery Basemap contributors



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Title: Site Location Plan		
Client: Unity Management Limited		Size: A3
Project: Eldonwood Development	Drawn: OM	Figure No.: 1
Date: 09-05-2025	Checked: NM	
Proj No: 850.016761.00001	Scale: 1:8000	Version: Final



Appendix B Hazardous Substance Register and Management Summary

Draft Hazardous Substance Management Plan

Eldonwood Development

Unity Management Limited

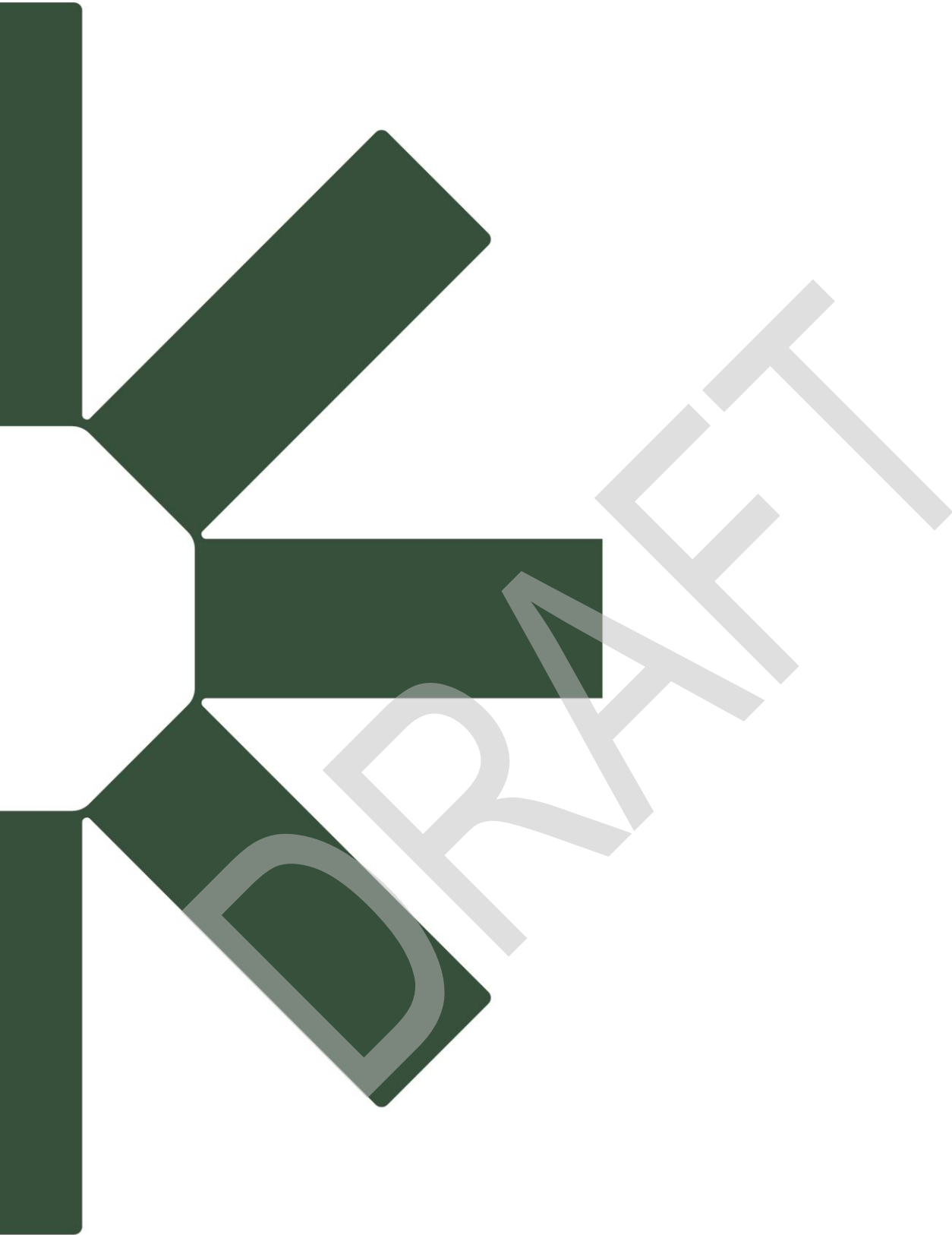
SLR Project No.: 850.016761.00001

27 May 2025

Appendix A Comprehensive Hazardous Substance Register and Management Summary

Preliminary Inventory of Hazardous Substances						Storage and Segregation				Risk Management and Controls				Safety Data Sheets (SDS)			Emergency Response				Waste Management and Disposal					
Substance	Quantity	Location	UN Number	HSNO Class	SDS Available and Location	Storage Location	Segregation Requirements	Spill Containment	Access Restrictions	Potential Risks	Control Measures	Responsible Person	Monitoring / Review Frequency	Supplier	SDS Review Frequency	SDS Responsible Person	Emergency Response Actions	Required Equipment	Emergency Responsible Person	Emergency Review Frequency	Disposal Method	Disposal Contractor	Regulatory Compliance	Disposal Responsible Person	Disposal Review Frequency	
Batteries and Related Storage - Solar Farms / Facilities / Hospital																										
Lead-acid battery (wet, spillable)	TBC	Generators / Storage rooms	UN2794	6.1D, 8.2C, 9.1D	Yes (TBC)	Battery Store	Away from flammables & oxidisers	Bunded pallet or tray	Authorised staff	Acid leak, electrical hazard	PPE, bunding, signage	TBC	6 monthly	TBC	Annually	TBC	Neutralise spills, isolate source	Absorbent, PPE	TBC	Annually	Certified recycler	TBC	HSNO, WMA	TBC	Annually	
Lead-acid battery (wet, non-spillable)	TBC	Equipment rooms	UN2800	9.1D	Yes (TBC)	Battery Store	As above	Drip tray	Authorised staff	Electrical hazard	PPE, signage	TBC	6 monthly	TBC	Annually	TBC	Isolate, PPE	Absorbent, PPE	TBC	Annually	Certified recycler	TBC	HSNO, WMA	TBC	Annually	
Lithium-ion battery (installed)	TBC	Installed equipment	UN3481	9.1B	Yes (TBC)	Equipment Housing	Separated from flammables	N/A (built-in)	Restricted	Fire hazard, thermal runaway	BMS, ventilation	TBC	Annually	TBC	Annually	TBC	Isolate, use Class D extinguisher	Class D extinguisher	TBC	Annually	Tech disposal	TBC	HSNO, WMA	TBC	Annually	
Lithium-ion battery (standalone)	TBC	Storage areas	UN3480	9.1B	Yes (TBC)	Battery Store	Isolated, ventilated	Fire-proof cabinet	Authorised staff	Fire/explosion	Storage limits, training	TBC	6 monthly	TBC	Annually	TBC	As above	As above	TBC	Annually	Certified e-waste	TBC	HSNO, WMA	TBC	Annually	
Damaged lithium-ion battery	Variable	Storage / disposal	UN3090 / 3480	9.1B, Special Provisions apply	Yes (TBC)	Quarantine container	Isolated, cool area	Fire-resistant bin	Trained staff only	Fire, toxic fumes	Special containment	TBC	Monthly	TBC	Annually	TBC	Isolate, evacuate, notify authority	Fire blanket, PPE	TBC	6 monthly	Specialist contractor	TBC	HSNO	TBC	Annually	
Waste batteries (general mix)	Variable	Waste facility	Varies	Varies	Yes (TBC)	E-waste bin	Sorted by type	Secure bin	Restricted	Leaks, short circuit	E-waste protocol	TBC	Monthly	TBC	Annually	TBC	Contain and dispose	PPE	TBC	Annually	Tech recycler	TBC	HSNO, WMA	TBC	Annually	
Fuels and Gases - Solar Farms, Hospital, Facilities																										
Petrol	TBC	Mowers / Maintenance shed	UN1203	3.1A	Yes (TBC)	Fuel cabinet	Away from oxidisers	Bunded storage	Locked area	Fire/explosion	Signage, ventilation	TBC	Monthly	TBC	Annually	TBC	Remove ignition, extinguish with foam	Class B extinguisher	TBC	Annually	Hazardous waste contractor	TBC	HSNO, Fire Safety Regs	TBC	Annually	
Diesel	TBC	Generators (built-in tanks)	UN1202	3.1D	Yes (TBC)	Bunded tanks	Away from oxidisers	Bunded tanks	Restricted	Spills, fire	Tank inspection, signage	TBC	Quarterly	TBC	Annually	TBC	Spill kit, isolate ignition	Absorbents, PPE	TBC	Annually	Used oil contractor	TBC	HSNO, EPA	TBC	Annually	
LPG (gas bottles)	Varies	Kitchens / Heating appliances	UN1965	2.1.1A	Yes (TBC)	External cylinder cage	Away from heat & drains	Leak-proof cage	Restricted	Explosion	Ventilation, shut-off valves	TBC	Monthly	TBC	Annually	TBC	Evacuate, shut valve	Gas detector, PPE	TBC	Annually	Supplier return or contractor	TBC	HSNO, Building Code	TBC	Annually	
Cleaning, Maintenance, and Pool Chemicals - Hospital / Facilities / Pool Store																										
Isopropyl alcohol (IPA)	TBC	Hospital / Medical rooms	UN1219	3.1B	Yes (TBC)	Flame cabinet	Separate from oxidisers	Bunded	Trained staff	Flammable, vapours	PPE, ventilation	TBC	Quarterly	TBC	Annually	TBC	Remove ignition, ventilate	Class B extinguisher	TBC	6 monthly	Hazardous waste collection	TBC	HSNO	TBC	Annually	
General solvent cleaner	TBC	Cleaning / maintenance	Varies	Typically, 3.1C/3.1D	Yes (TBC)	Flame cabinet	Separate from oxidisers	Bunded	Restricted	Vapour inhalation	PPE, ventilation	TBC	Quarterly	TBC	Annually	TBC	Ventilation, isolate ignition	Respirators, extinguisher	TBC	Annually	Hazardous waste contractor	TBC	HSNO	TBC	Annually	
Sodium Hypochlorite	TBC	Pool Chemical Store	UN1791	8.2C, 9.1D	Yes (TBC)	Pool chemical store	Away from acids	Containment bund	Trained staff	Toxic gas if mixed with acids	PPE, signage	TBC	Monthly	TBC	Annually	TBC	Flush spills, ventilate	Spill kit, gloves	TBC	Annually	Licensed disposal	TBC	HSNO	TBC	Annually	
Calcium Hypochlorite	TBC	Pool Chemical Store	UN1748	5.1.1B, 8.2C, 9.1D	Yes (TBC)	Dry chemical store	Away from combustibles	Sealed drum	Restricted	Explosion with organics	Separate storage	TBC	Monthly	TBC	Annually	TBC	Isolate, do not use water	PPE, mask	TBC	Annually	Contractor	TBC	HSNO	TBC	Annually	
Detergents & cleaners	TBC	Kitchens, bathrooms, wards	N/A	Varies (typically 6.1E, 9.1D)	Yes (TBC)	Locked store	Away from acids	Secondary containment	Trained staff	Irritation, spills	PPE, signage	TBC	Quarterly	TBC	Annually	TBC	Clean spill, dispose properly	Gloves, signage	TBC	Annually	Local waste facility	TBC	WMA	TBC	Annually	
Pesticides and Herbicides - Landscape / Site maintenance																										
Glyphosate	TBC	Maintenance shed	N/A	6.1D, 9.1A	Yes (TBC)	Pesticide cabinet	Away from food	Spill tray	Restricted	Toxic to aquatic life	PPE, signage	TBC	Seasonal	TBC	Annually	TBC	Contain spill, wash off skin	Gloves, goggles	TBC	Annually	Licensed contractor	TBC	HSNO, EPA	TBC	Annually	
Paraquat (restricted)	TBC	Secure chemical store	UN3016	6.1A, 9.1A	Yes (TBC)	Locked cabinet	Highly restricted, separate	Tray & secondary containment	Certified handler only	Lethal poisoning	Permit system, PPE	TBC	Monthly	TBC	Annually	TBC	Immediate wash, emergency call	PPE, eyewash	TBC	Quarterly	Certified disposal only	TBC	HSNO (Certified Handler)	TBC	Annually	
General pesticide/herbicide mix	TBC	Maintenance shed	UN2902	6.1C, 9.1B	Yes (TBC)	Chemical store	Segregated by class	Bunded shelf	Trained staff	Toxic exposure	Gloves, mixing protocol	TBC	Quarterly	TBC	Annually	TBC	Avoid contact, PPE	PPE, signage	TBC	Annually	Contractor	TBC	HSNO	TBC	Annually	
Waste and Byproducts - Sitewide / Facilities																										
Hygiene Waste (Biohazard)	Variable	Hospital	N/A	6.2	Yes (TBC)	Clinical Waste Room	Sealed and labelled bins	Leak-proof bins	Restricted	Infection	Segregation, training	TBC	Weekly	TBC	Annually	TBC	Red bin, notify waste team	Bio bins, PPE	TBC	Monthly	Licensed bio-waste contractor	TBC	HSNO, WMA	TBC	Annually	
Sewer System Waste	Variable	Septic / pumping infrastructure	N/A	6.1D (vapours), 9.1D	Yes (TBC)	Tanks	Isolated	Tank bunds	Restricted	Gas exposure, spills	PPE, contractor pump-out	TBC	Biannually	TBC	Annually	TBC	Ventilate, no ignition	Gas detector	TBC	Annually	Pump-out contractor	TBC	HSNO, WMA	TBC	Annually	
Grease Waste (kitchen)	Variable	External grease traps	N/A	9.1D	Yes (TBC)	External trap	Covered	Sealed	Restricted	Odour, clogs	Regular cleaning	TBC	Monthly	TBC	Annually	TBC	Pump-out, avoid overflow	PPE	TBC	Monthly	Licensed liquid waste contractor	TBC	WMA	TBC	Annually	





Making Sustainability Happen