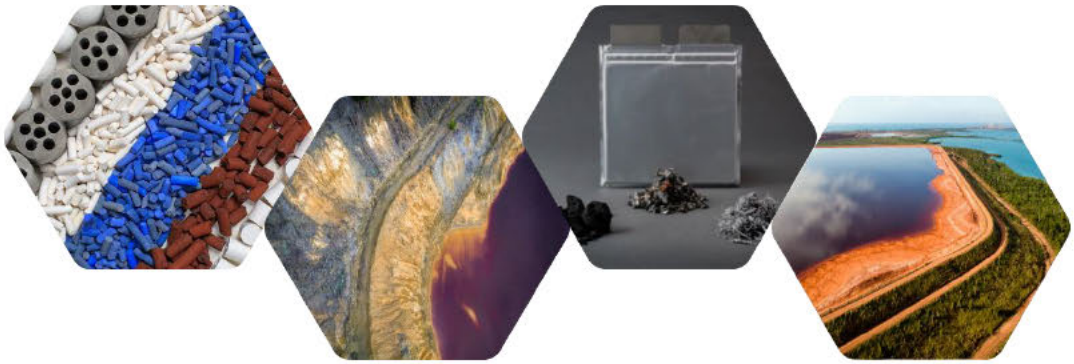

SELOXIUM

Summary of Waste Processing Procedure

Document Name	:	Waste Processing Procedure Summary
Document Number	:	SLXDOC-04-EA-PD-01
Revision	:	1.0
Issue Date	:	28/07/2024
Revision Date	:	18/09/2024
Classification	:	**Confidential**

Seloxium Limited

First Floor, Building 9400, Alec Issigonis Way, Arc Oxford, Oxford, Oxfordshire, OX4 2HN

1 Summary of Waste Processing Procedure

1. The chemical waste will be transported on to site by lorry. It is unlikely that the waste will be transported in its own designated lorry to site. As such, it will be stored with other chemicals in transit. Therefore, the total number of lorries entering the Innovation Accelerator compound will not change noticeably.

2. The waste will be offloaded from the lorry by a Forklift Truck (FLT). All material delivered to site will be labelled for storage in the Chemical Storage Lot. The waste material will be stored in its original, UN approved, transport container until processing starts.

3. For processing, the waste will be transported from the Chemical Storage Lot into the respective Seloxium processing unit using a Pallet Truck for IBC's or a Drum Trolly for 55 Gallon drums. The containers will always remain sealed in transit to prevent accidental release of the liquid.

Note: All routes from the Chemical Storage Lot to the processing units are on concrete roads. The drainage from these roads is collected for treatment and is not discharged into the local water course. If waste is released in transit, it will be prevented from entering the local water course by the closed drainage system.

4. The liquid waste will be pumped from the UN container into the appropriate process unit for processing to recover the precious metals. All equipment used in the processing of waste will be bunded to 110% of the maximum waste volume contained. The bunding will either be local to the equipment or encompassing the entire processing unit.

5. The materials are processed using Selectal™,

    a. [redacted]

    b. [redacted]

    c. The equipment will be continually vented to atmosphere to prevent accumulation of potentially flammable gasses and to avoid pressure build-up.

    d. The vent stream will be cooled to ambient temperature to knock out the VOCs before being passed to the air handling system.

    e. The waste liquid will be analysed frequently to determine the decay in precious metal concentration over time. This will be used to determine when the adsorption process is approaching completion.

    f. Once adsorption is complete, the adsorbent will be separated from the waste liquid and retained.

    g. The waste will be returned to the original UN Storage container.

    h. The adsorbent material will be transferred to a separate UN Storage Container.

i. The adsorbent will be sent to an external stakeholder for further refining.

j. The waste material will be sent to a registered waste handling company for disposal.

k. No other waste will be generated by the process.

l. Any solid waste material generated during cleaning of equipment or housekeeping will be retained and sent to a refiner as it may contain residual precious metals.

m. SLXDOC-04-EA-PFD-001 for a typical stirred tank process flow diagram.

6. In all instances, the waste materials will be transferred back to the Chemical Storage Lot. The product of processing will be retained in the Processing Unit until it is collected.

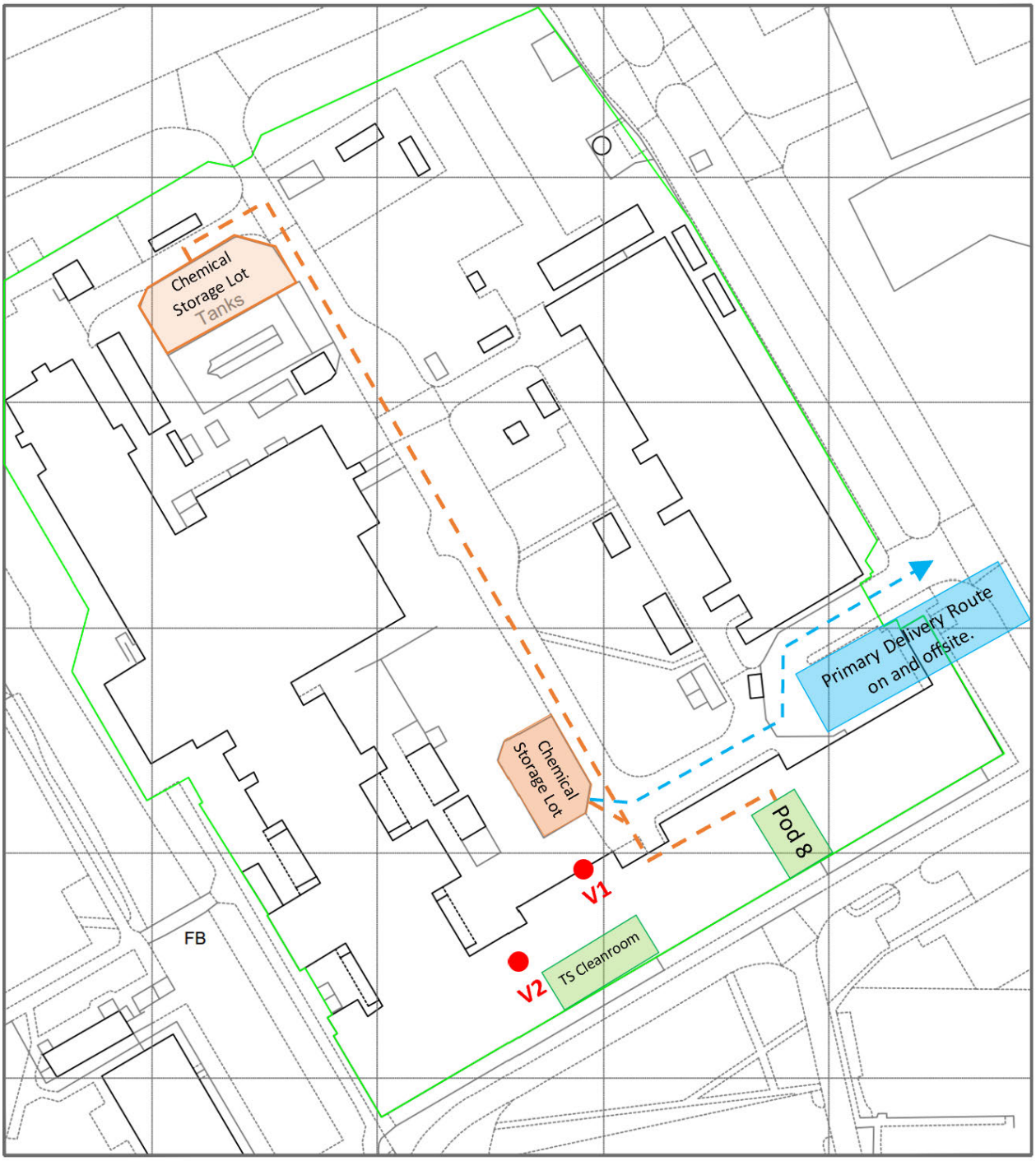

Figure 1-1: Seloxium processing site plan

IMPERMEABLE FLOOR / Bund

Figure 1-2: Seloxium Processing flow diagram