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|------------------------------------|---|
| Licence number | L8830/2014/2 |
| Licence holder | Lithco No.2 Pty Ltd |
| ACN | 612 726 922 |
| Registered business address | Level 7, 20 Parkland Road OSBORNE PARK WA 6017 |
| DWER file number | DER2014/001293-2 |
| Duration | 14 November 2022 to 13 November 2030 |
| Date of issue | 11 November 2022 |
| Premises details | Bald Hill Tantalite Project Shire of Coolgardie Tenements M15/400, M15/1305, M15/1308 and M15/1470 WIDGEMOOLTHA WA 6443 As depicted in Schedule 1. |

| Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>) | Assessed production capacity |
|---|------------------------------|
| Category 5: Processing or beneficiation of metallic or non-metallic ore | 1.5 Million tonnes per annum |
| Category 89: Putrescible landfill site | 250 tonnes per annum |

This licence is granted to the licence holder, subject to the attached conditions, on 11 November 2022, by:

Neville Welsh
Senior Industry Regulation Officer
Regulatory Services
an officer delegated under section 20 of the *Environmental Protection Act 1986* (WA)

Licence history

| Date | Reference number | Summary of changes |
|------------|------------------|--|
| 29/10/2015 | L8830/2014/1 | Licence amendment to not permit tailings deposition into TSF1. |
| 17/12/2015 | L8830/2014/1 | Licence amended to allow deposition to the two voids on TSF1, following submission of geotechnical advice. |
| 03/02/2017 | L8830/2014/1 | Amendment Notice 1 |
| 10/07/2017 | L8830/2014/1 | Amendment Notice 2 |
| 10/10/2018 | L8830/2014/1 | Amendment Notice 3 |
| 5/10/2022 | L8830/2014/1 | Licence Transfer to Lithco No.2 Pty Ltd |
| 11/11/2022 | L8830/2014/2 | Licence Renewal and amalgamation of amendment notices 1, 2 and 3. |

Interpretation

In this licence:

- (a) the words 'including', 'includes' and 'include' in conditions mean "including but not limited to", and similar, as appropriate;
- (b) where any word or phrase is given a defined meaning, any other part of speech or other grammatical form of that word or phrase has a corresponding meaning;
- (c) where tables are used in a condition, each row in a table constitutes a separate condition;
- (d) any reference to an Australian or other standard, guideline, or code of practice in this licence:
 - (i) if dated, refers to that particular version; and
 - (ii) if not dated, refers to the latest version and therefore may be subject to change over time;
- (e) unless specified otherwise, any reference to a section of an Act refers to that section of the EP Act; and
- (f) unless specified otherwise, all definitions are in accordance with the EP Act.

NOTE: This licence requires specific conditions to be met but does not provide any implied authorisation for other emissions, discharges, or activities not specified in this licence.

Licence conditions

The licence holder must ensure that the following conditions are complied with:

Infrastructure and equipment

1. The licence holder must ensure that the site infrastructure and equipment listed in Table 1 and located at the corresponding infrastructure location is maintained and operated in accordance with the corresponding operational requirement set out in Table 1. and the licence holder shall ensure that tailings, mine dewater are only discharged into containment infrastructure with the relevant infrastructure requirements and at the location-specified in Table 1 below.

Table 1: Infrastructure and equipment requirements

| Site infrastructure and equipment | Operational requirement | Infrastructure location |
|--|--|----------------------------|
| Process water pond | Lined with 1mm HDPE to achieve a permeability of at least $<10^{-9}$ m/s or equivalent | As shown in Schedule 1 Map |
| Bioremediation treatment pad (on TSF1 waste rock dump south of landfill) | Any contaminated runoff from the treatment cells is contained | As shown in Schedule 1 Map |
| TSF2 | Lined with oxide material to achieve permeability of 1×10^{-8} m/s | As shown in Schedule 1 Map |
| Boreline In-pit TSF | Not specified | As shown in Schedule 1 Map |
| Boreline Extended In-pit TSF | Not specified | As shown in Schedule 1 Map |
| Processing Plant Catchment Sumps | Sized to capture a 1 in 20 year, 72 hour rainfall event (~120mm). Install a rock lined spillway at the lowest point of the sump wall to direct overflow towards cleared areas. | As shown in Schedule 1 Map |
| ROM pad and processing plant surface grade | Designed to shed stormwater to the sumps. | As shown in Schedule 1 Map |
| Unit operations (DMS, thickener and flocculent plants) of Lithium Processing Plant | Located on bunded concrete pads. | As shown in Schedule 1 Map |
| ROM pad, product and waste stockpiles | Install individual catchment sumps/drains/bunding to capture runoff from each stockpile sized to capture a 1 in 20 year, 72 hour rainfall event. | As shown in Schedule 1 Map |

2. The Licence holder shall:
- undertake inspections as detailed in Table 2
 - where any inspection identifies that an appropriate level of environmental protection is not being maintained, take corrective action to mitigate adverse environmental consequences as soon as practicable; and
 - maintain a record of all inspections undertaken with each record signed by the responsible person.

Table 2: Infrastructure inspection schedule

| Scope of inspection | Type of inspection | Frequency of inspection |
|--|--|--|
| Tailings pipelines | Visual integrity | Daily |
| Return water lines | Visual integrity | Daily |
| Process water pond embankment freeboard | Visual to confirm required freeboard capacity is available | Daily |
| Stormwater catchment sumps/drains/bunding | Visual to ensure that sumps/drains/bunding are free of accumulated sediment. | Monthly and after significant rainfall events as access permits ¹ |
| TSF2, Boreline In-pit TSF and Boreline Extended In-pit TSF | Visual to confirm required freeboard capacity is available | Daily |

Note 1: Significant rainfall events are those in excess of 26.5 mm in 1 hour, 38.5 mm over 3 hours or 48.9mm over six hours (equivalent to a 10 % AEP event (1 in 10 year))

3. The Licence holder shall manage the containment infrastructure in Table 1 such that:
- top of embankment freeboard of at least 500mm is maintained; and
 - the size of the operational pond on the TSF is kept to below 15% of the total surface area of the TSF cell.

Emissions and discharges

4. The Licence holder shall ensure that where wastes produced on the Premises are not taken off-site for lawful use or disposal, they are managed in accordance with the requirements in Table 3

Table 3: Management of waste

| Waste type | Management strategy | Requirements |
|-------------------|--|---|
| Putrescible waste | Receipt, handling and disposal of waste by landfilling | <p><u>All waste types</u></p> <ul style="list-style-type: none"> No more than 250 tonnes per year of all waste types cumulatively shall be disposed of by landfilling. Disposal of waste by landfilling shall only take place within the waste rock dump area to the south of TSF1; |

| Waste type | Management strategy | Requirements |
|--------------------------------|---------------------|--|
| Clean Fill | | <ul style="list-style-type: none"> Waste shall be placed in a defined trench or within an area enclosed by earthen bunds; and The active tipping area shall be restricted to a maximum linear length of 30 metres. Construction, operation and decommissioning of landfill cells can occur within the defined landfill area providing there is no waste within: <ul style="list-style-type: none"> 100 m of any surface water body; and 3 m of the highest level of the water table aquifer. |
| Hydrocarbon contaminated waste | Bioremediation pad | <p>Ensure soil is bioremediated by:</p> <ul style="list-style-type: none"> maintaining a suitable soil thickness; maintaining an appropriate moisture content and nutrient level within the soil which sustains biological activity; and at least monthly soil aeration. |

5. The Licence holder shall ensure that cover is applied and maintained on landfilled wastes in accordance with Table 4 and that sufficient stockpiles of cover are always maintained on site.

Table 4: Waste cover

| Waste Type | Material | Depth | Timescales |
|------------|----------------------------------|--------|--|
| All waste | Inert and incombustible material | 1000mm | Within three months of the final waste load in each trench |

6. The Licence holder is authorised to construct embankment raises and operate TSF2 to the height as listed in Table 5 below:

Table 5: TSF2 Construction and operating heights

| Phases | Construction to elevation | Operating to elevation |
|---------|---------------------------|-----------------------------|
| Phase 1 | RL 299m | RL 299m |
| Phase 2 | RL 303m | Not permitted at this stage |
| Phase 3 | RL 306m | |
| Phase 4 | RL 309m | |
| Phase 5 | RL 313m | |

7. For each operational TSF the Licence holder shall complete a monthly water balance. The water balance shall as a minimum record the following:
 - (a) site rainfall;
 - (b) evaporation rate;
 - (c) decant water recovery volumes;
 - (d) seepage recovery volumes;
 - (e) volumes of tailings deposited; to derive an
 - (f) estimate of seepage losses.
8. The Licence holder shall immediately recover or remove and dispose of spills of materials outside an engineered containment system.
9. The Licence holder shall ensure that all pipelines containing materials are either:
 - (a) equipped with automatic cut-outs in the event of a pipe failure; and/or
 - (b) provided with secondary containment sufficient to contain any spill for a period equal to the time between routine inspections.

Monitoring

10. The Licence holder shall ensure that:
 - (a) all water samples are collected and preserved in accordance with AS/NZS 5667.1;
 - (b) all groundwater sampling is conducted in accordance with AS/NZS 5667.11;
 - (c) all laboratory samples are submitted to and tested by a laboratory with current NATA accreditation for the parameters being measured unless indicated otherwise in the relevant table.
11. The Licence holder shall ensure that:
 - (a) monthly monitoring is undertaken at least 15 days apart;
 - (b) quarterly monitoring is undertaken at least 45 days apart; and
 - (c) six monthly monitoring is undertaken at least 5 months apart.
12. The Licence holder shall ensure that all monitoring equipment used on the Premises to comply with the conditions of this Licence is calibrated in accordance with the manufacturer's specifications and the requirements of the Licence.
13. The Licence holder shall, where the requirements for calibration cannot be practicably met, or a discrepancy exists in the interpretation of the requirements, bring these issues to the attention of the CEO accompanied with a report comprising details of any modifications to the methods.

14. The Licence holder shall undertake the monitoring in Table 6 according to the specifications in that table.

Table 6: Process Monitoring

| Monitoring point reference | Process description | Parameter | Units | Frequency | Method |
|--|-----------------------|--|----------------|-----------|----------------|
| TSF2, Boreline In-pit TSF and Boreline Extended In-pit TSF | Tailings deposition | Volumes of tailings deposited into the TSF | m ³ | Monthly | None specified |
| TSF2, Boreline In-pit TSF and Boreline Extended In-pit TSF | Decant water recovery | Volumes of water recovered from the TSF | m ³ | Monthly | None specified |
| TSF2, Boreline Pit in-pit TSF and Boreline Extended Pit in-pit TSF | Tailings deposition | Boron, barium, fluoride, lithium, manganese, nickel, thallium, thorium, tin and uranium in tailings ¹ | ppm | Monthly | None specified |

Note 1: An exemption from NATA laboratory analysis is allowed for process monitoring requirements provided certified standards are reported.

15. The Licence holder shall undertake the monitoring specified in Table 7 and Table 8 and record and investigate the exceedance of any limit specified.

Table 7: Monitoring of ambient air quality

| Monitoring point reference and location | Parameter | Units ¹ | Frequency | Method |
|--|--|--------------------------|-----------|------------------|
| Static dust deposition gauges – SDM1, SDM2, SDM3, SDM4 (as depicted in Schedule 1) | Total suspended particulate ¹ | mg/m ² /month | Monthly | AS/NZS 3580.10.1 |

Table 8: Monitoring of ambient groundwater quality

| New monitoring point reference | Old monitoring point reference | Parameter | Limit | Units | Averaging period | Frequency |
|---|--|--|-------|----------|------------------|-----------------------------|
| TSF2MB01 TSF2MB02 TSF2MB03 TSF2MB04 GMB01 GMB02 GMB03 GMB04 BHWB002 Cotters Bore | MB01 MB02 MB03 MB04 MB05 MB06 MB07 MB08 MB09 MB10 MB11 MB12 | Standing Water Level (SWL) ¹ | 4 | mbgl | Spot sample | Quarterly during operations |
| | | pH ² | - | pH units | | |
| | | Total Dissolved Solids (TDS) ² ; aluminium, barium, boron, cadmium, chromium, cobalt; copper, fluoride, lead, lithium, manganese, mercury, molybdenum, nickel, phosphorus, selenium, tantalum, thallium, thorium, tin, uranium, vanadium, zinc. | - | mg/L | | |
| Cotters Bore TSF2MB03 TSF2MB04 | MB04 MB11 MB12 | Radium-226 (²²⁶ Ra), Radium-228 (²²⁸ Ra), gross alpha and gross-beta | - | Bq/L | Spot sample | Six-monthly |

Note 1: Standing water level shall be determined prior to collection of water samples.

Note 2: An exemption from NATA laboratory analysis is allowed for pH and TDS only given geographical remoteness of the sample site and the short holding time of these parameters. Field sample results are to be reported as per condition 23

Records and reporting

- 16.** All information and records required by the Licence shall:
- (a) be legible;
 - (b) if amended, be amended in such a way that the original and subsequent amendments remain legible or are capable of retrieval;
 - (c) except for records listed in Condition 18 be retained for at least 6 years from the date the records were made or until the expiry of the Licence or any subsequent licence; and
 - (d) for those following records, be retained until the expiry of the Licence and any subsequent licence:
 - (i) off-site environmental effects; or
 - (ii) matters which affect the condition of the land or waters.
- 17.** The Licence holder must submit to the CEO an Annual Audit Compliance Report by 28 April in each year indicating the extent to which the licence holder has complied with the conditions in this licence for the annual period.
- 18.** The Licence holder shall implement a complaints management system that as a minimum record the number and details of complaints received concerning the environmental impact of the activities undertaken at the Premises and any action taken in response to the complaint.
- 19.** The Licence holder shall submit to the CEO an Annual Environmental Report within 28 calendar days after the end of the annual period. The report shall contain the information listed in Table 9 in the format or form specified in that table.

Table 9: Annual Environmental Report

| Condition or table (if relevant) | Parameter | Format or form ¹ |
|-------------------------------------|---|-----------------------------|
| - | Summary of any failure or malfunction of any pollution control equipment and any environmental incidents that have occurred during the annual period and any action taken | None specified |
| - | Actual annual production rates for category 5 and category 89 | None specified |
| Condition 7 | A summary of all monthly water balances over operational TSFs | None specified |
| Table 6 | Process monitoring: volumes of tailings deposited into the TSF, volumes of water recovered from the TSF. boron, barium, fluoride, lithium, manganese, nickel, thallium, thorium, tin and uranium in tailings | None specified |
| Table 7 | Static dust deposition: Total Suspended Particulate (TSP), Low volume dust sampling – TSP, PM ₁₀ , gross alpha activity | None specified |
| Table 8 | Groundwater monitoring: | None specified |

| | | |
|--------------|---|--|
| | Total Dissolved Solids (TDS); aluminium, barium, boron, cadmium, chromium, cobalt; copper, fluoride, iron , lead, lithium, manganese, mercury, molybdenum, nickel, phosphorus, selenium, tantalum, thallium, thorium, tin, uranium, vanadium, zinc, radium-226 (²²⁶ Ra), radium-228 (²²⁸ Ra), gross-alpha and gross-beta | |
| Table 8 | Limit exceedances | None specified |
| Condition 17 | Compliance | Annual Audit Compliance Report (AACR) ¹ |
| Condition 18 | Complaints summary | None specified |

Note 1: AACR form is available from the Departments website.

- 20.** The Licence holder shall ensure that the Annual Environmental Report also contains:
- (a) any relevant process, production or operational data required by the Conditions; and
 - (b) an assessment of the information contained within the report against previous monitoring results and Licence limits.
- 21.** The Licence holder shall submit the information in Table 10 to the CEO according to the specifications in that table.

Table 10: Non-annual reporting requirements

| Condition or table (if relevant) | Parameter | Reporting period | Reporting date (after end of the reporting period) | Format or form |
|----------------------------------|--|------------------|--|--|
| | Copies of original monitoring reports submitted to the Licence holder by third parties | Not Applicable | Within 14 days of the CEOs request | As received by the Licence holder from third parties |

22. to the CEO in accordance with the notification requirements of the table.

Table 11: Notification requirements

| Condition or table (if relevant) | Parameter | Notification requirement ¹ | Format or form ¹ |
|-------------------------------------|--|---|-----------------------------|
| Table 8 | Limit exceedance where management action taken | As soon as practicable but no later than 5pm of the next usual working day. | None specified |
| Condition 17 | Breach of any limit specified in the Licence | Part A: As soon as practicable but no later than 5pm of the next usual working day. Part B: As soon as practicable | None specified ² |
| Condition 13 | Calibration report | As soon as practicable. | None specified |

Note 1: Notification requirements in the Licence shall not negate the requirement to comply with s72 of the Act

Note 2: Consider using the AACR form Part A and Part B to create a notice to provide the Condition 17 information to the CEO in the timeframe prescribed in Table 11.

Definitions

In this licence, the terms in Table 12 have the meanings defined.

Table 12: Definitions

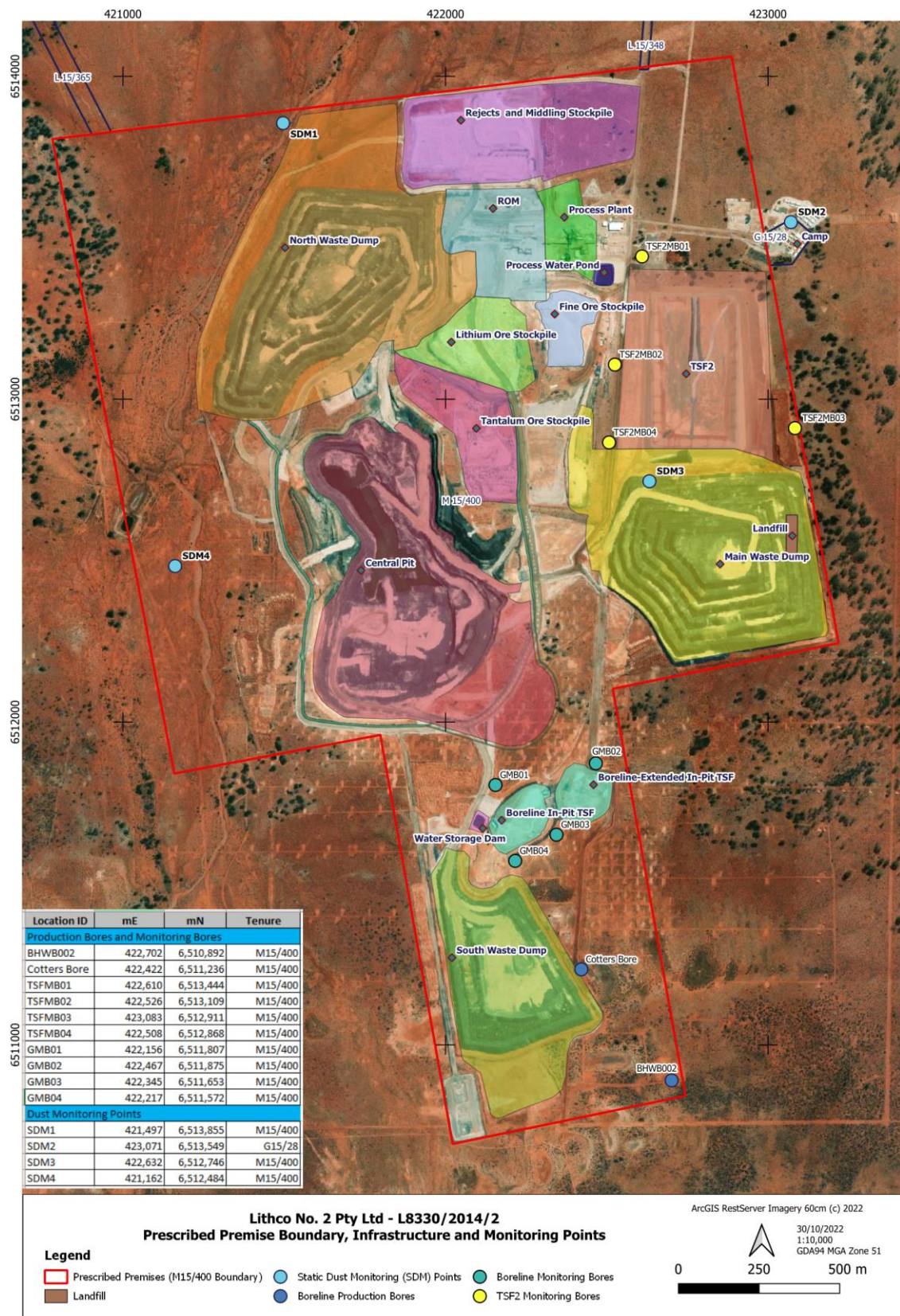
| Term | Definition |
|---------------------------------------|--|
| Act | means the <i>Environmental Protection Act 1986</i> |
| ACN | Australian Company Number |
| Annual Audit Compliance Report (AACR) | means a report submitted in a format approved by the CEO (relevant guidelines and templates may be available on the Department's website). |
| annual period | a 12 month period commencing from 1 April until 30 March of the immediately following year. |
| Averaging period | means the time over which a limit is measured or a monitoring result is obtained; |
| AS/NZS 3580.9.9 | means the Australian Standard AS/NZS 3580.9.9 <i>Methods for sampling and analysis of ambient air - Determination of suspended particulate matter - PM (sub) 10(/sub) low volume sampler - Gravimetric method</i> |
| AS/NZS 3580.10.1 | means the Australian Standard AS/NZS 3580.10.1 <i>Methods for sampling and analysis of ambient air - Determination of particulate matter - Deposited matter - Gravimetric method</i> |
| AS/NZS 5667.1 | means the Australian Standard AS/NZS 5667.1 <i>Water Quality – Sampling – Guidance of the Design of sampling programs, sampling techniques and the preservation and handling of samples</i> |
| AS/NZS 5667.11 | means the Australian Standard AS/NZS 5667.11 <i>Water Quality – Sampling – Guidance on sampling of groundwaters</i> |
| books | has the same meaning given to that term under the EP Act. |
| Bq/L' | means Becquerel (Bq) per litre (L). One Bq is defined as the activity of a quantity of radioactive material in which one nucleus decays per second |
| Bq/m ³ | means Becquerel (Bq) per cubic metre (m ³). |
| CEO | means Chief Executive Officer of the Department. “submit to / notify the CEO” (or similar), means either: Director General Department administering the <i>Environmental Protection Act 1986</i> Locked Bag 10 Joondalup DC WA 6919 or: info@dwer.wa.gov.au |
| Controlled waste | Has the same meaning given under the <i>Environmental Protection (Controlled Waste) Regulations 2004</i> |
| Department | means the department established under section 35 of the <i>Public Sector Management Act 1994</i> (WA) and designated as responsible for the administration of the EP Act, which includes Part V Division 3. |
| discharge | has the same meaning given to that term under the EP Act. |

| Term | Definition |
|---------------------|---|
| emission | has the same meaning given to that term under the EP Act. |
| EP Act | <i>Environmental Protection Act 1986 (WA)</i> |
| EP Regulations | <i>Environmental Protection Regulations 1987 (WA)</i> |
| Freeboard | means the distance between the maximum water surface elevations and the top of retaining banks or structures at their lowest point |
| HDPE | means High Density Polyethylene |
| licence | refers to this document, which evidences the grant of a licence by the CEO under section 57 of the EP Act, subject to the specified conditions contained within. |
| licence holder | refers to the occupier of the premises, being the person specified on the front of the licence as the person to whom this licence has been granted. |
| monthly period | means a one-month period commencing from 2 of a month until day1 of the immediately following month. <i>e.g. "means a one-month period commencing from the seventh day of a month until the sixth day of the immediately following month."</i> |
| NATA | means the National Association of Testing Authorities, Australia |
| NATA accredited' | means in relation to the analysis of a sample that the laboratory is NATA accredited for the specified analysis at the time of the analysis |
| PM10 | means particles with an aerodynamic diameter of less or equal to 10 μm |
| premises | refers to the premises to which this licence applies, as specified at the front of this licence and as shown on the premises maps in Schedule 1 to this licence. |
| prescribed premises | has the same meaning given to that term under the EP Act. |
| Quarterly | means the 4 inclusive periods from 1 April to 30 June, 1 July to 30 September, 1 October to 31 December and in the following year, 1 January to 31 March |
| Schedule 1 | means Schedule 1 of this Licence unless otherwise stated |
| Schedule 2` | means Schedule 2 of this Licence unless otherwise stated |
| Six monthly | means the 2 inclusive periods from 1 April to 30 September and 1 October to 31 March in the following year |
| Spot sample | means a discrete sample representative at the time and place at which the sample is taken |
| STP dry | means standard temperature and pressure (0°Celsius and 101.325 kilopascals respectively), dry |
| waste | has the same meaning given to that term under the EP Act. |

END OF CONDITIONS

Schedule 1: Maps

Figure 1 – Premises Boundary, Infrastructure and Monitoring Points Map



Schedule 2: tailings storage facility

