

Section 1 - Part 7: Other Approvals and Consultation

GSM is currently operating under various regulatory instruments, including mining proposals (MP) and Notices of Intent issued under the Mining Act, Ministerial Statement 551 and licences issued under the EP Act and ground water licences issued under the *Rights in Water and Irrigation Act 1914* (RIWI Act). This is detailed in Table 1

1.1 Other Approvals

Table 1 - Other approvals relevant to Granny Smith Mine

Approval Legislation	Approval	Title	Comment
Mining Act 1978	Mining Proposal Reg ID 55005	GSM Mining Company Pty Ltd (Granny Smith) Mining Proposal: Proposal to Construct a Gas Fired Reciprocating Engine Power Station with Connection to the Eastern Goldfields Gas Pipeline Tenements: M38/397, M38/440 and L38/144" dated 12 June 2015.	Approval to construct gas fired power station consisting of 22 generators.
	Mining Proposal Reg ID 56014	Mining Proposal Addendum: Addendum to Approved LNG Power Station Mining Proposal (Reg ID 55005), detailing an Additional Construction Buffer Zone Area" dated 12 August 2015.	Approval to increase disturbance footprint by 0.79 hectares (ha).
	Mining Proposal Reg ID 56065	Addendum to Approved LNG Power Station Mining Proposal (Reg ID 55005), "Detailing Additional Clearing for Main Gas Supply Pipeline" dated 21 August 2015.	Approval to increase disturbance footprint by 1.33 ha.
	Mining Proposal Reg ID 79028	Granny Smith Gold Mine – Mining Proposal Amendment Reg ID 70897 – Powerline from GSM Gas Power Station to Wallaby Underground dated 14 March 2019.	Approval to clear and maintain a powerline corridor and install an underground 33 kV electricity powerline from the power station to the Wallaby Paste Plant. Disturbance of 9.95 ha consisting of 8.19 ha of previously disturbed area and 1.76 ha of native vegetation.
	Mining Proposal Reg ID 79025	Granny Smith Gold Mine. Mining Proposal: Solar Farm Addition to GSM Gas Power Station dated 13 March 2019	Approval to construct and operate an 8 MW photovoltaic array (solar farm) with an additional 2 MW/1 MWh battery storage.

Approval Legislation	Approval	Title	Comment
	Mining Proposal Reg ID 81077	Mining Proposal Amendment: Proposal to extend the Power Station Generator Area Revision B dated 1 August 2019	Approval to extend the power generator compound by 0.163 ha for extra gas power generation units. Construction of an elevated hardstand area for maintenance and servicing of the power station.
	Mining Proposal Reg ID 112812	GSM Power Station Expansion dated 19 July 2022	Approval to replacing existing five Osprey gas generators with eight Jenbacher J420E.
Environmental Protection Act 1986	Ministerial Statement 551	Wallaby Gold Mine Project	Development of an open cut gold mine, waste rock dumps and infrastructure to support mining on the northern shoreline of Lake Carey. The underground component of the Wallaby project is not considered
			part of MS 551. Since the activities of the Proposa related to the underground mining
			operations, MS 551 does not hav any compliance implications on th approval process.

Approval Legislation	Approval	Title	Comment
	Licence L8435/2010/3 (Appendix A)	Granny Smith Gold Mine	GSM operate under the current licence L8435/2010/3 which contains seven prescribed premise categories. 5 Processing or beneficiation of metallic or non-metallic ore (includes TSFs) 4,500,000 tonnes per year 6 Mine dewatering
			10,219,614 kL per year 33 Chemical blending or mixing
			4,000 tonnes per year 52 Electric power generation
			25 MW diesel and 40 MW using LNG
			54 Sewage facility 360 m3 per day
			64 Class II putrescible landfill site
			10,000 tonnes per year
			73 Bulk storage of chemicals
			3,004 m3
Rights in Water and	Groundwater licence	Mt Weld Pastoral	15 GL/yr allocation
Irrigation 1914		North Keringal	1 GL/yr allocation
		Wallaby	13 GL/yr allocation

1.2 Consultation

GSM is committed to ongoing stakeholder communication, engagement and consultation through the planning and approvals phase, as well as the construction, operational and closure phases of the project. Key stakeholders have been outlined in Table 2. As part of GSM's commitment to creating enduring value beyond mining, ensuring that our stakeholders' interests are appropriately represented, considered, and acted upon is critical. To reach that purpose, Gold Fields adopts a stakeholder-inclusive approach, with relationships built on mutual respect and trust, allowing for participative and informed decision-making.

To ensure continual inclusion of Indigenous communities in the planning process, Traditional Owners from the Nyalpa Pirniku Group were consulted, and participated in the archaeological, anthropological, and ethnographic heritage surveys.

While general mine closure and rehabilitation requirements are detailed in the GSM 2024 MCP, GSM have developed the GSM Stakeholder Engagement Strategy and Management Plan which sets out a strategy for broadscale consultation with stakeholders. Mechanisms for recording stakeholder input, considering stakeholder views, and responding back to stakeholders are built into the strategy. Engagement and consultation with Nyalpa Pirniku (through Wangkatja Tjungula Aboriginal Corporation) about ongoing mining activities, projects, and closure forms part of Gold Fields' Stakeholder Engagement Strategy.

Consultation with State Government Agencies, including DEMIRS, regarding this Mining Proposal is detailed in the Stakeholder Engagement Register.

Table 2: Key stakeholders

GROUP	STAKEHOLDERS	PRIMARY INTEREST
Commonwealth Government Agencies	Clean Energy Regulator	Reporting of greenhouse gas emissions under Safeguard Mechanism.
State Government	DWER	Administration of the EP Act
Agencies		Environmental Approvals through Part IV and Part V (Prescribed Premises Licencing, Native Vegetation Clearing Permits)
		Groundwater Licensing and Abstraction
		Contaminated Sites Management
	DMPE	Compliance with Mining Act and tenement conditions
		Grant and Relinquishment of Tenure
		Environmental Approvals through Mining Proposals and Mine Closure Plan
		Closure Management and Rehabilitation
		Mining Rehabilitation Fund payment
		Mine Safety Management
		Post mining land use
	DPLH	Aboriginal Heritage/Cultural Sites
Local Government	Shire of Laverton	Post mining land use
Authorities		Access roads
Pastoral	Mt Weld Station (owned	Interactions of mining operations with pastoral activities
	and managed by Granny Smith Gold Mining	Post mining land use.
	Company)	Land access / third part use of mining tenure
Native Title Groups &	Wongatha People of the	Cultural heritage sites, including access to, use of and
Traditional Owners	Nyalpa Pirniku Group,	protection of Traditional Owner Land
	Wangkatja Tjungula Aboriginal Corporation	Native Title Rights
	The state of the	Social Surrounds
		Post mining land use.
		Employment, contracting and education opportunities
Community	Laverton Community	Community donations and sponsorships
	Laverton & Mount Margaret Schools	
Private Interest Groups	Lake Carey Catchment Management Group (Gold Fields Australia, AngloGold Ashanti, Matsa Resources)	Long term management of and research into Lake Carey

1.2.1 Stakeholder Engagement Strategy and Register

Consultation with relevant stakeholders forms an integral aspect of the management of Granny Smith activities and is directed by the GSM internal Stakeholder Engagement Strategy and Management Plan (GRA-CMR-PL003) and more broadly by the Gold Fields Ltd Group Policy Statement Stakeholder Relationship and Engagement (GFA-ADM-PY004). The purpose of the Stakeholder Strategy and Management plan is to facilitate open and constructive engagement which allows the participation of stakeholders and consequently informs decision-making processes needs to be initiated during the early stages and implemented throughout all new projects and operations.

Ongoing community consultation occurs through regular community engagement, formal meetings, open days, and formal written correspondence. Engagement continues to be undertaken to understand the interests and concerns of key stakeholders. Table 3 outlines the strategic engagement plan within the Stakeholder Engagement Strategy and Management Plan, as it relates to the stakeholders relevant to this proposal.

A stakeholder engagement register for GSM exists to record all consultation activities with all stakeholder groups and individuals. The register includes details on method of engagement, agenda items, issues raised and follow up action. Consultation relevant to this Mining Proposal is shown below in Table 4.

Table 3 Stakeholder Engagement Strategy

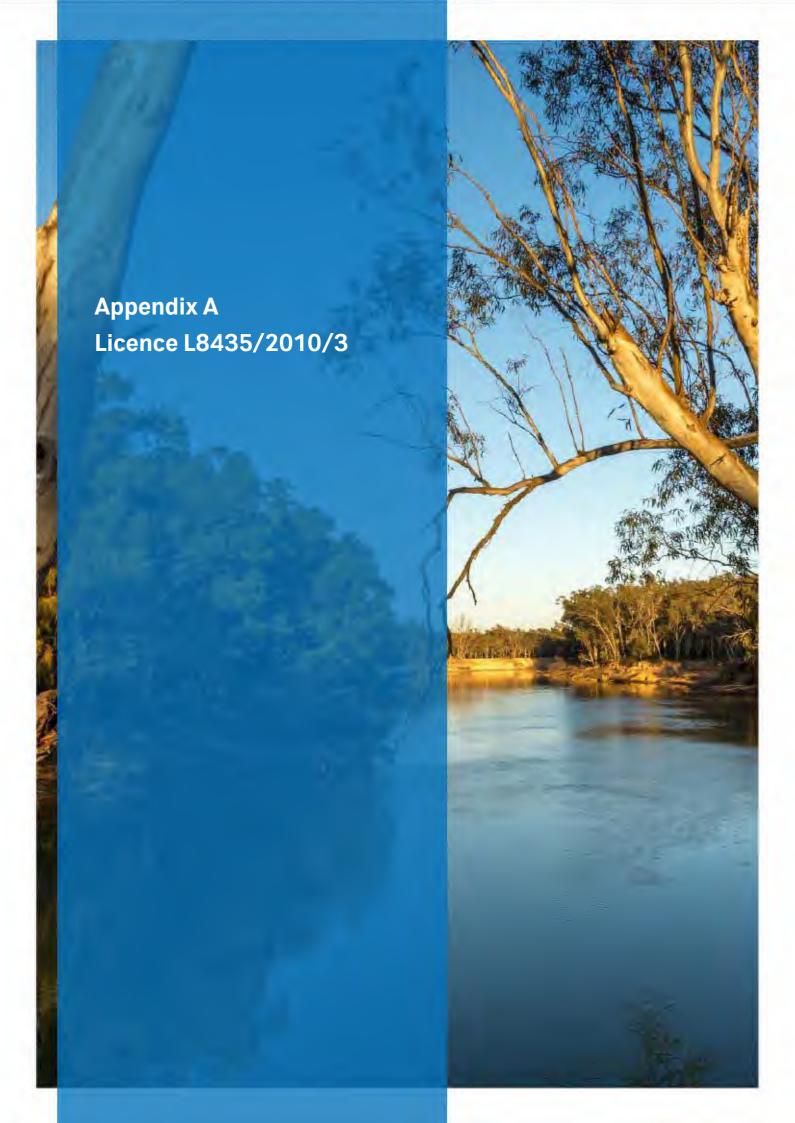
Stakeholder Category	Stakeholders	Strategic Action	Frequency (General)
Native Title Determined Group	Nyalpa Pirniku Native Title Claim Group (WTAC)	Compliance with GSMs and Nyalpa Pirniku Heritage Protection Agreement. Ongoing consultation with Nyalpa Pirniku Native Title Claimants regarding the management of heritage, employment opportunities and cultural awareness	As required. Minimum 1 year
Aboriginal Community	WTAC	Engagement with Aboriginal groups over local employment and procurement opportunities	As required. Minimum Triennial (3 yearly) interaction.
	Mt Margaret Aboriginal Community	Engage with Aboriginal groups regarding project opportunities for shared value creation Implementation of the GFA Innovate RAP Communicate and encourage participation in the Gold Fields Aboriginal Scholarship Program Maintain positive communication and	
	Pakaanu Aboriginal Corporation		
	Cosmo Newberry and Mulga Queen Aboriginal Community		
Aboriginal Organisation	LCCA	relationships with community members. Projects that require engagement with Aboriginal Stakeholders should be	As required. Minimum 1- year pre closure
	Wongatha Education Trustees	targeted for direct engagement	As required. Minimum Triennial (3 yearly) interaction.
	Pakaanu Aboriginal Corporation.		As required. Minimum 1- year pre closure
	Waalitj Corporation		As required. Minimum 1- year pre closure

Internal Stakeholder	Granny Smith Employees & their families Granny Smith	Hold information session for employees	As required. Minimum 5 years pre closure
	Contractors & their families		
	Goldfields Corporate	Complete and communicate required accurate information to Gold Fields Australia Review and update SRCE on an annual basis	As required. Minimum Triennial (3 yearly) interaction.
	Shareholders	Complete and communicate required accurate information to Gold Fields Australia	
		Review and update SRCE on an annual basis	
Adjacent/Concurrent Stakeholder	Mt Weld Pastoral Station	Hold information session for employees	As required. Minimum 5 years pre closure
Local Community	Shire of Laverton	Liaise with local community regarding opportunities to improve social, cultural, and economic outlooks.	As required. Minimum Triennial (3 yearly) interaction.
	Laverton School	Liaise with local community regarding	As required. Minimum 5
	Laverton local business & service providers	opportunities to improve social, cultural, and economic outlooks.	years pre closure
Other Mines	Lynas Rare Earths	Provide toll treatment opportunities/services. Provide access to emergency and medical resources Continue partnership with the LLCCA – promoting new programmes, assisting with community events.	As required. Minimum Triennial (3 yearly) interaction.
	Genesis Minerals Dacian Gold	Provide toll treatment opportunities/services.	As required. Minimum 1- year pre closure
	AngloGold Ashanti	Provide access to emergency and	, , , , , , , , , , , , , , , , , , , ,
	Murrin Murrin JV	medical resources Continue partnership with the LLCCA – promoting new programmes, assisting with community events.	

Government	DPLH	Provide accurate and timely reporting	As required Minimum F
Agencies	DPLH	Provide accurate and timely reporting with the appropriate levels of assurance	As required. Minimum 5 years pre-closure
		Proactively report any exceedances of licence conditions	
		Encourage regulatory personnel to undertake regular site visits	
		Maintain best practice management systems for Health, Safety and Environment	
		Participate in industry consultation on possible legislative changes	
		Facilitate site inspections and conclude corrective actions timeously	
		Include relevant regulators within material assessment processes.	
	DPIRD	Provide accurate and timely reporting with the appropriate levels of assurance	As required. Minimum 3 years pre-closure
		Proactively report any exceedances of licence conditions	
		Encourage regulatory personnel to undertake regular site visits	
		Maintain best practice management systems for Health, Safety and Environment	
	DCCEEW and Australian Government Clean Energy Regulator	Provide accurate and timely reporting with the appropriate levels of assurance	Annual
Pastoralists	Pastoral Lands Board	Provide accurate and timely reporting with the appropriate levels of assurance Proactively report any exceedances of licence conditions	As required. Minimum Triennial (3 yearly) interaction.
		Encourage regulatory personnel to undertake regular site visits	
		Maintain best practice management systems for Health, Safety and Environment	
		Participate in industry consultation on possible legislative changes	
		Facilitate site inspections and conclude corrective actions timeously	
		Include relevant regulators within material	
		assessment processes.	

Table 4: Stakeholder Register

Stakeholder	Date of Engagement	Description of Engagement	Comments	Proponent response and/or resolution
Nyalpa Pirniku Claimant Group	2021 (Stage 1), 2022 (Stage 2), 2023 (Stage 3)	On site heritage surveys completed.	N/A	N/A
Department of Mines, Petroleum and Exploration	16 February 2024	DEMIRS & GSM meeting to discuss upcoming tenement conversion and mining proposal submission	Advice from DEMIRS on key submission requirements	GSM to submit mining proposal addressing requirements from DMPE
Wangakatja Tjungula Aboriginal Corporation WTAC	April 2024, May 2024, June 2024, October 2024	Formal discussions between WTAC and GSM, including informing WTAC of upcoming submission of Mining Proposal and activities at GSM.	N/A	N/A
Department of Water and Environmental Regulation	November 2024 8 July 2025	DWER pre-referral meeting. DWER pre-referral meeting	Advice provided to clarify if application is a licence amendment or works approval.	GSM to submit a works approval application.



Licence number L8435/2010/3

Licence holder GSM Mining Company Pty Ltd

ACN 165 235 030

Registered business address Level 4, 235 St Georges Terrace

PERTH WA 6000

DWER file number 2011/000299-3

Duration 07/10/2013 to 06/10/2034

Date of amendment 17/01/2025

Premises details Granny Smith Gold Mine

Mining tenements Mining tenements L38/329, L38/80, L38/106, L38/144, M38/18, M38/1280, M38/161, M38/162, M38/167, M38/191, M38/205, M38/287, M38/361, M38/380, M38/389, M38/397, M38/440, M38/525, M38/532, M38/690,

M38/691, M38/692 and M38/725

LAVERTON WA 6440

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production / design capacity
Category 5: Processing or beneficiation of metallic or non-metallic ore	4,500,000 tonnes per annual period
Category 6: Mine dewatering	10,219,614 kL per annual period
Category 33: Chemical blending or mixing	4,000 tonnes per year
Category 52: Electric power generation	25 MW diesel 40 MW using LNG
Category 54: Sewage facility	360 m³ per day
Category 64 – Class II putrescible landfill	10,000 tonnes per year
Category 73 – Bulk storage of chemicals, etc.	3,004 m ³

This licence is granted to the licence holder, subject to the attached conditions, on 17 January 2025, by:

Fiona Westcott

REGULATORY SERVICES

an officer delegated under section 20 of the Environmental Protection Act 1986 (WA)

Licence history

Date	Reference number	Summary of changes
06/10/2003	L5108/1988/8	Licence re-issue.
06/10/2004	L5108/1988/9	Licence re-issue.
19/03/2008	W4395/2007/1	TSF cell 2 raise from RL443m to RL450m.
17/12/2009	W4588/2009/1	TSF cell 3 raise from RL424m to RL426.5m.
01/04/2010	L8435/2010/1	New licence to replace L5108/1988/9 which ceased due to non-payment of annual fees.
23/12/2010	W4788/2010/1	TSF cell 1 raise by 2.5m to RL445.5m.
11/08/2011	W4903/2011/1	TSF cell 2 raise by 2.5m to RL448.5m.
01/10/2010	L8435/2010/2	Licence re-issue.
07/06/2012	W5165/2012/1	The dewatering from Granny Smith pit, Goanna pit and Windich pit into Lake Carey.
18/01/2013	W5268/2012/1	New waste water treatment plant.
27/06/2013	W5398/2013/1	TSF cell 3 raise by 2.5m to RL329m.
03/10/2013	L8435/2010/3	Licence re-issue.
19/03/2015	L8435/2010/3	Licence amendment to new format and to include new discharge points for TSF seepage water.
03/09/2015	L8435/2010/3	Licence amended to assess new LNG power station and to merge Licence with L7454/2000/9 Wallaby Project.
07/01/2016	L8435/2010/3	Licence amendment to assess TSF Cell 1 lift and update groundwater monitoring bores.
31/01/2018	L8435/2010/3	Amendment Notice 1 for construction of a paste plant, TSF cell 3 raise to RL432.2 m and amend the TSF groundwater monitoring regime.
07/03/2019	L8435/2010/3	Amendment Notice 2 for addition of WAP pond land monitoring, increase in gas production capacity, amend WWTP monitoring schedule, addition of historical landfill site, Windich landfill site and M38/361, amend landfill cover requirements, water transfer pond containment upgrade.
12/04/2021	L8435/2010/3	Licence amendment to update the premises boundary. During this amendment, Amendment Notices 1 and 2 have been consolidated into this amendment and the licence updated to the current licensing format.

Date	Reference number	Summary of changes
16/01/2025	L8435/2010/3	Licence amendment to add operation of TSF Cell 4 (deposition of tailings), water containment infrastructure for rainfall events and administrative changes.

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:

Premises operation

- 1. The licence holder shall ensure that all pipelines containing tailings, decant water, dewatering water and effluent are:
 - (a) equipped with telemetry systems and pressure sensors along pipelines to allow the detection of leaks and failures; and either
 - (b) equipped with automatic cut-outs in the event of a pipe failure; or
 - (c) provided with secondary containment sufficient to contain any spill for a period equal to the time between routine inspections.
- 2. The licence holder shall ensure that tailings, decant water, dewatering water and effluent are only discharged into containment cells, dams and ponds with the relevant infrastructure requirements and at the locations specified in Table 1.

Table 1: Containment Infrastructure

Containment point reference	Material	Infrastructure requirements
TSF 1, 2 and 3	Tailings	Lined with in-situ clay to limit seepage to groundwater. Embankment grade maintained at 1V:2H or less.
TSF 4	Tailings	The TSF Cell 4 in-situ compacted soil liner must be maintained to a hydraulic conductivity of 1 x 10 ⁻⁷ .
		Maintain Freeboard above the Normal Operating Pond of 1:100 AEP 72-hour storm plus an additional 500mm (Total Freeboard).
RTSF	Reclaimed tailings	1.5 m bunding of the entire perimeter.
Process water pond	Return water	Lined with HDPE.
Lagoons 1 and 2	Waste activated sludge; and Emergency treated wastewater	Compacted clay lined – waste activated sludge to be discharged into one lagoon at a time to allow drying before being appropriately disposed of by landfilling.
		Approval from CEO to be sought prior to use in emergency situations.

Containment point reference	Material	Infrastructure requirements
Water transfer pond	Mine dewater, stormwater, decant water and seepage water	
		Embankment level of 4 m above ground.
Borrow pit	Excess sediment built up from water transfer pond	Nil.
Wallaby anti- pollution pond (WAP pond)	Surface runoff, rain water and treated waste water from the OWS at the	Constructed from caprock/laterite material approximately 100 m x 50 m and 2 m deep.
	Wallaby vehicle wash bay.	

- 3. The licence holder shall manage containment cells and ponds in Table 1 such that:
 - (a) Maintain freeboard above the Normal Operating Pond of 1:100 AEP 72-hour storm plus an additional 500mm (total freeboard); and
 - (b) methods of operation minimise the likelihood of erosion of the embankments by wave action.
 - **4.** The licence holder shall manage TSFs such that:
 - (a) a seepage collection and recovery system is provided and used to capture seepage from the TSF;
 - (b) seepage is returned to the TSF or re-used in process; and
 - (c) the decant pond is maintained in the centre of the TSF cell.
 - **5.** The licence holder shall:
 - (a) undertake inspections as detailed in Table 2;
 - (b) 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
 - (c) maintain a record of all inspections undertaken.

Table 2: Inspection of infrastructure

Scope of inspection	Type of inspection	Frequency of inspection
Tailings pipelines	Visual integrity	Twice daily
Return water lines	Visual integrity	Twice daily
Water transfer pond	Visual integrity	Daily
Dewatering pipeline	Visual integrity	Daily

Scope of inspection	Type of inspection	Frequency of inspection
Embankment freeboard	Visual to confirm required freeboard capacity is available	Daily
Decant pond	Visual to confirm the size is less than 15% of the surface of each TSF	Daily
Granny pit Goanna pit	Visual to confirm required freeboard capacity is available Visual checks for avifauna deaths	Daily
RTSF Runoff Pond	Visual to confirm required freeboard capacity is available	Weekly
Borrow pit	Visual to confirm required freeboard capacity is available	Daily when discharge occurs
WAP pond	Visual to confirm required freeboard capacity is available (to ensure any overflow is directed only to the WAP overflow area via the single spillway)	Daily

- **6.** The licence holder shall undertake an annual assessment of vegetation within the zone of influence of any TSF 3. The assessment shall:
 - (a) photograph and record the presence and condition of key vegetation features within the zone of influence:
 - (b) compare the results of the assessment against previous years assessments and identify whether any deterioration in the presence and/or quality of vegetation has taken place; and
 - (c) be undertaken by a person suitably qualified in vegetation identification and sampling.
- 7. The licence holder shall undertake a quarterly water balance for the active TSF. The water balance shall as a minimum consider the following:
 - (a) site rainfall;
 - (b) evaporation;
 - (c) decant water recovery volumes;
 - (d) seepage recovery volumes; and
 - (e) volumes of tailings deposited.
- **8.** The licence holder shall manage the irrigation of treated wastewater such that:
 - (a) no irrigation generated run-off, spray drift or discharge occurs beyond the boundary of the defined irrigation area(s);
 - (b) treated wastewater is evenly distributed over the irrigation area;
 - (c) no soil erosion occurs;
 - (d) irrigation does not occur on land that is waterlogged; and
 - (e) vegetation cover is maintained over the irrigation area.

- 9. The licence holder shall monitor quarterly the health and condition of vegetation located at the irrigation area. An annual report is to be submitted within the Annual Environmental Report on the condition of the vegetation cover at the irrigation area.
- 10. The licence holder shall ensure that wastes accepted onto the landfill are only subjected to the process(es) set out in Table 3 and in accordance with any process limits described in that Table.

Table 3: Waste processing

Waste type	Process(es)	Process limits ^{1, 2}
Inert Waste		All waste types
Type 1 Putrescible waste	Disposal of waste by landfilling	Disposal of waste by landfilling shall only take place within the landfill areas shown on the Landfill Area Maps in Schedule 1.
Clean Fill		No waste shall be temporarily stored or landfilled within 35 m of the boundary of the premises.
		The separation distance between the base of the landfill and the highest groundwater level shall not be less than 2 m.
	Storage and burial	Not more than 1 000 tyres shall be stored at the premises at any one time;
Used tyres		Used tyre stacks shall not exceed 100 m ² in area and 4 m in height;
		Used tyres must be stacked on their side walls or if stored on their treads, area baled with a securing device made from a non-combustible material.
	Asbestos and fibrous material	Must be disposed of in designated asbestos disposal area;
Special	burial	Must be deposited at least 2 m below the final tipping surface of the landfill;
Waste Type 1		No works shall be commenced on that landfill that has potential to release asbestos fibres;
		The material will be placed in the designated location double bagged in accordance with the GSM Fibrous Minerals Management guideline.
Sewage	Biological and physical treatment	360 m³ per day

Note 1: Requirements for landfilling tyres are set out in Part 6 of the *Environmental Protection Regulations 1987*. Note 2: Additional requirements for the acceptance and landfilling of controlled waste (including asbestos and tyres) are set out in the *Environmental Protection (Controlled Waste) Regulations 2004*.

11. 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 maintained on site at all times.

Table 4: Cover requirements

Waste Type	Cover requirements ¹
Putrescible wastes	To be covered as required with sufficient quantities of Type 1 inert waste, clean fill or other appropriate cover material to prevent the spread of fire and harbouring of disease vectors.
Inert Waste Type 1	No cover required.
Inert Waste Type 2	A minimum depth of 500 mm of clean fill is maintained over the buried tyres following disposal.
Special Waste Type 1	To be covered as required with >1 m of uncontaminated soil as soon as practicable, no later than the end of the working day in which the waste was deposited.

Note 1: Additional requirements for final cover of tyres are set out in Part 6 of the *Environmental Protection Regulations 1987.*

12. The licence holder shall ensure that the requirements as detailed in Table 5 are met during operation of the Paste Plant and RTSF.

Table 5: Paste plant and RTSF operation requirements

Infrastructure	Requirements
RTSF	Paste process plant, binder storage and reclaimed tailings located/stored only in the RTSF.
	The entire perimeter of the RTSF enclosed by a 1.5 m bund.
	Constructed so that run-off and storm water from earthen areas is directed to a Runoff Pond.
	Located as depicted in Schedule 1: Maps: RTSF: Location
	General layout as depicted in Schedule 1: Maps: RTSF: General arrangement.
RTSF runoff pond	Sized to contain run off generated by a 1-100 year, 72 hour storm event with a 500 mm freeboard.
	Freeboard of 500 mm maintained.
	Water pump installed to enable runoff and stormwater to report to the process plant for re-use, or pumped to a water cart for dust suppression.
Paste plant	Constructed on a concrete base and bunded as depicted in Schedule 1: Maps: Paste Plant – Layout and bunding.
	Spills within process plant bunding report to the bog-out sump and pumped out for re-use in the paste process plant. Solids removed by loader.
	Paste discharged directly from the Paste Plant to the paste reticulation by underground pipeline.
	Paste reticulation collars bunded and spills report to the bog- out sump.
	Bog-out sump as depicted in Schedule 1: Maps: Paste Plant – Layout and bunding.

13. The licence holder shall ensure that the discharge of wastewater from the WAP Overflow Area (as shown in Schedule 1) does not occur.

Emissions

General

14. The licence holder shall record and investigate the exceedance of any descriptive or numerical limit or target specified in any section of this Licence.

Point source emissions to air

15. The licence holder shall ensure that where waste is emitted to air from the emission points in Table 6 and identified on the map of emission points in Schedule 1 it is done so in accordance with the conditions of this Licence.

Table 6: Emission points to air

Emission point reference	Emission Point	Emission point height (m)	Source, including any abatement
A1	Power station – 11 generators each with an emission stack	9.2	Combustion of diesel to power the turbines.
A2	Carbon regeneration kiln stack	13.14	Firing of carbon at approximately 700° to strip any elements that attached to the carbon during the elution stage of processing.
A3	22 generators – Cummins QSK60	2.6	Liquefied natural gas – to be operated until 30 June 2016.
	18 generators – Cummins QSK60	2.6	Liquefied natural gas – to be operated from 1 July 2016 onwards.

Point source emissions to surface water

16. The licence holder shall ensure that where waste is emitted to surface water from the emission points in Table 7 and identified on the map of emission points in Schedule 1 it is done so in accordance with the conditions of this licence.

Table 7: Emission points to surface water

Emission point reference	Emission point reference on Map of emission points	Description	Source including abatement
W1	Western discharge point - Lake Carey	Receiving environment – hypersaline lake	Mine dewater from the underground operation and production bore water is directed to the Transfer Pond prior
W2	Southern discharge point – Lake Carey		to discharge to Lake Carey to ensure sufficient retention time to maximise removal of suspended solids.
			Nominated production bore water is directly discharged through the

	western discharge system.

Point source emissions to groundwater

17. The-licence holder shall ensure that where waste is emitted to groundwater from the emission points in Table 8 and identified on the map of emission points in Schedule 1 it is done so in accordance with the conditions of this Licence.

Table 8: Emission points to groundwater

Emission point reference (Schedule 1)	Description	Source including abatement
Granny Smith pit	Discharge to pit lake in previously mined out open pit	Seepage water from TSF 3 seepage interception trenches
Goanna pit	Discharge to pit lake in previously mined out open pit	Seepage water from TSF 1, 2, 3 and 4 seepage interception trenches, decant water, stormwater

18. The licence holder shall not cause or allow point source emissions to groundwater that do not meet the limits listed in Table 9.

Table 9: Point sources emission limits to groundwater

Emission point reference	Parameter	Limit (including units)	Averaging period
Granny Smith pit	Standing water level	At least 3 m below crest level	Spot sample
Goanna pit	Standing water level	At least 3 m below crest level	Spot sample

Emissions to land

19. The licence holder shall ensure that where waste is emitted to land from the emission points in Table 10 and identified on the map of emission points in Schedule 1 it is done so in accordance with the conditions of this Licence.

Table 10: Emissions to land

Emission point reference	Emission point reference on Map of emission point	Description	Source including abatement
L1	Spray field	Pipe feeding irrigation 72 ha of native vegetation	Treated wastewater from sewage plant

Emission point reference	Emission point reference on Map of emission point	Description	Source including abatement
NA (Identified in Schedule 1)	WAP	Pond constructed out of caprock/laterite to capture surface runoff. Overflow area adjacent to pond-clay pan.	Treated wastewater from OWS.

20. The licence holder shall not cause or allow emissions to land that do not meet the limits listed in Table 11.

Table 11: Emission limits to land

Emission point reference	Parameter	Limit (including units)	Averaging period
WAP	TRH	50 mg/L	Spot sample
WAP Overflow Area			

Monitoring

General monitoring

- **21.** The licence holder shall ensure that:
 - (a) all water samples are collected and preserved in accordance with AS/NZS 5667.1;
 - (b) all wastewater sampling is conducted in accordance with AS/NZS 5667.10;
 - (c) all surface water sampling is conducted in accordance with AS/NZS 5667.4, AS/NZS 5667.6 or AS/NZS 5667.9 as relevant;
 - (d) all groundwater sampling is conducted in accordance with AS/NZS 5667.11;
 - (e) all sediment sampling is conducted in accordance with AS/NZS 5667.12; and
 - (f) 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.
- 22. The licence holder shall ensure that:
 - (a) monthly monitoring is undertaken at least 15 days apart; and
 - (b) quarterly monitoring is undertaken at least 45 days apart.

Monitoring of point source emissions to air

23. During commissioning of the LNG Power Station, the licence holder shall undertake the monitoring in Table 12 according to the specifications in that table.

Table 12: Monitoring of point source emissions to air

Emission point reference	Parameter	Units ¹	Method
Stage 1: From the	Volumetric flow rate	m³/s	USEPA Method 2
emission stacks of at least 3 LNG engines	Particulates	mg/m³	USEPA Method 5 or USEPA Method 17
	Sulfur dioxide	mg/m³	USEPA Method 6
	Nitrogen oxides	mg/m³	USEPA Method 7E or 7D
	Carbon monoxide	mg/m³	USEPA Method 10
Stage 2: From the emission stacks of at	Volumetric flow rate	m³/s	USEPA Method 2
least 5 LNG engines	Particulates	mg/m³	USEPA Method 5 or USEPA Method 17
	Sulfur dioxide	mg/m³	USEPA Method 6
	Nitrogen oxides	mg/m³	USEPA Method 7E or 7D
	Carbon monoxide	mg/m³	USEPA Method 10

Note 1: All units are referenced to STP dry

Note 2: Monitoring shall be undertaken to reflect normal operating conditions and any limits or conditions on inputs or production.

Monitoring of point source emissions to surface water

24. The licence holder shall undertake the monitoring in Table 13 according to the specifications in that table.

Table 13: Monitoring of point source emissions to surface water

Emission point reference	Parameter		Units	Frequency
		рН	pH units	Quarterly
	Total Dissolved Solids		mg/L	(ending February, May,
		Total Suspended Solids	mg/L	August and November)
W1 and W2	Discharge water	Copper (Cu), Sodium, (Na), Chloride (Cl), Aluminium (Al), Cadmium (Cd), Iron (Fe), Magnesium (Mg), Calcium (Ca), Potassium (K), Manganese (Mn), Selenium (Se), Cobalt (Co), Lead (Pb), Copper (Cu), Nickel (Ni), Zinc (Zn), Arsenic (As), Chromium (Cr)	mg/L	Quarterly (ending February, May, August and November)

Monitoring of point source emissions to groundwater

25. The licence holder shall undertake the monitoring in Table 14 according to the specifications in that table.

Table 14: Monitoring of point source emissions to groundwater

Emission point reference	Parameter	Limit	Units	Frequency
GMB1 – GMB4	pH ¹	-	pH units	Quarterly
	SWL	-	mbgl	
	Total dissolved solids	-	mg/L	
	Total suspended solids	-		
	Weak acid dissociable cyanide and Total Cyanide ²	0.5 mg/L WAD CN 1 mg/L Total cyanide		
	chloride, sulphate, bicarbonate, nitrate	-		
	calcium, magnesium, sodium, potassium, lead, zinc, iron, copper, aluminium, cadmium, cobalt, chromium and nickel	-		
Goanna pit	Pit lake elevation	419 mRL	mAHD	Quarterly
water	pH ¹	6-8	-	
	Weak acid dissociable cyanide and Total Cyanide ²	0.5 mg/L WAD CN 1 mg/L Total cyanide	mg/L	
Granny pit	Pit lake elevation	415 mRL	mAHD	Quarterly
water	pH ¹	6-8	-	
	Weak acid dissociable cyanide and Total Cyanide ²	0.5 mg/L WAD CN 1 mg/L Total cyanide	mg/L	

Note 1: In-field non-NATA accredited analysis permitted Note 2: ISO-5667.3 2012 sampling methods permitted.

Monitoring of emissions to land

26. The licence holder shall undertake the monitoring in Table 15 according to the specifications in that table.

Table 15: Monitoring of emissions to land

Emission point reference	Parameter Units		Frequency
L1	Biochemical oxygen demand	mg/L	Quarterly
	Total suspended solids	mg/L	
	Total nitrogen	mg/L	
	Total phosphorous	mg/L	
	Thermotolerant coliforms (including <i>E.coli</i>)	cfu/100mL	
	pH ¹	-	
	Effluent flow rate	kL/day	Continuous
WAP WAP Overflow Area	TRH	mg/L	Quarterly

Note 1: In-field non-NATA accredited analysis permitted

Process monitoring

27. The licence holder shall undertake the monitoring in Table 16 according to the specifications in that table.

Table 16: Process monitoring

Process description	Parameter	Limit	Units	Frequency	Method
Tailings deposition	Volumes of tailings deposited into the TSF	-	tonnes	Continuous	None specified
	Volumes of water recovered from the TSF	-			
	Volumes of seepage recovered and reused to Process Plant	-			
Seepage discharge from TSF Trench I	Cumulative volumes of seepage discharged to Goanna Pit	-	kL	Continuous	None specified
	Cumulative volumes of seepage discharged to Granny Pit	-			
	pH ¹	6-8	-	Quarterly	Spot sample

Note 1: In-field non-NATA accredited analysis permitted

Ambient environmental quality monitoring

28. The Licence holder shall undertake the monitoring in Tables 17 and 18 according to the specifications in that table and ensure the parameters are maintained within the specified limit.

Table 17: Monitoring of ambient groundwater environmental quality

Monitoring point reference and location	Parameter	Units	Averaging period	Frequency	Limit
TSF Cell 1: MB79, MB80, MB81 TSF Cell 2: MB27 TSF Cell 3: MB30, MB31, MB32, MB37, MB40, MB46, MB53, MB56, MB61, MB62, MB63, MB64, MB67, PB3A and PB5	Standing water level	mbgl	Spot sample	Quarterly	-
TSF Cell 3: MB29, MB36, MB38, MB39, MB48, MB49, MB54, MB55	Standing water level	mgbl	Spot sample	Annually	-
TSF Cell 1: MB79, MB80,	pH ¹	pH units	Spot sample	Quarterly	-
MB81	Electrical conductivity	μS/cm			
TSF Cell 2: MB27	Total dissolved solids	mg/L			
TSF Cell3: MB30, MB31,	Total cyanide ²				
MB32, MB40, MB46, MB56, MB62, MB63, MB64, PB3A	Weak acid dissociable cyanide ²				
and PB5	Chloride, sulphate, bicarbonate, nitrate				
	Calcium, magnesium, sodium, potassium, lead, zinc, iron, copper,				

Monitoring point reference and location	Parameter	Units	Averaging period	Frequency	Limit
	aluminium, cadmium, cobalt, chromium, nickel and arsenic				
TSF Cell 3: MB29, MB36,	pН	pH units	Spot sample	Annually	-
MB37, MB48, MB53, MB54, MB66	Electrical conductivity	μS/cm			
	Total dissolved solids	mg/L			
	Total cyanide ²				
	Weak acid dissociable cyanide ²				
	Chloride, sulphate, bicarbonate, nitrate				
	Calcium, magnesium, sodium, potassium, lead, zinc, iron, copper, aluminium, cadmium, cobalt, chromium, nickel and arsenic				
TSF Cell 4: MB72, MB73, MB74, MB75, MB77, MB78	Standing water level	mbgl	Spot sample	Monthly for 6 months, from issue of Licence then quarterly to align with TSF 2 and TSF 3 monitoring regimen.	Maintain >1.5 m water table depth for shallow bores MB72, MB74 and MB78 only. Ensure water elevation in deep bores does not exceed the water level in the shallow aquifer for more than a 3-month period.
	pH ¹	mg/L			-
	Electrical conductivity				
	Total dissolved				

Monitoring point reference and location	Parameter	Units	Averaging period	Frequency	Limit
	solids				
	Weak acid dissociable (WAD) cyanide ²	mg/L	Spot Sample	Quarterly	-
	Total Cyanide ² ,				
	Calcium, magnesium, sodium, potassium, CO3, Chlorine, Sulfate (SO40), aluminium, arsenic, cadmium, chromium, copper, Iron, manganese, nickel, zinc, lead and cobalt				

Note 1: In-field non-NATA accredited analysis permitted. Note 2: ISO-5667.3 2012 sampling methods permitted.

Table 18: Monitoring of ambient sediment quality

Monitoring point reference and location	Parameter	Units	Frequency
W1 and W2	Total crust thickness	mm	Annual
	pH ¹	pH units	Annual
	Total discharge volumes	kL	Monthly
	Discharge rates	L/s	Continuous
	Copper (Cu), Sodium, (Na), Chloride (Cl), Aluminium (Al), Cadmium (Cd), Iron (Fe), Magnesium (Mg), Calcium (Ca), Potassium (K), Manganese (Mn), Selenium (Se), Cobalt (Co), Lead (Pb), Copper (Cu), Nickel (Ni), Zinc (Zn), Arsenic (As), Chromium (Cr)	mg/L	Annual

Note 1: In-field non-NATA accredited analysis permitted.

Records and reporting

- 29. The licence holder must record the following information in relation to complaints received by the licence holder (whether received directly from a complainant or forwarded to them by the Department or another party) about any alleged emissions from the premises:
 - (a) the name and contact details of the complainant, (if provided);

- (b) the time and date of the complaint;
- (c) the complete details of the complaint and any other concerns or other issues raised; and
- (d) the complete details and dates of any action taken by the licence holder to investigate or respond to any complaint.
- **30.** The licence holder must:
 - (a) undertake an audit of their compliance with the conditions of this licence during the preceding annual period; and
 - (b) prepare and submit to the CEO by no later than 60 days after the end of that annual period an Annual Audit Compliance Report in the approved form.
- 31. The Licence holder must submit to the CEO by no later than 60 days after the end of each annual period, an Annual Environmental Report for that annual period for the conditions listed in Table 19, and which provides information in accordance with the corresponding requirement set out in Table 19.

Table 19: Annual Environmental Report

Condition	Requirement
-	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
24	Monitoring of point source emissions to surface water
25	Monitoring of point source emissions to groundwater
26	Monitoring of emissions to land
27	Process monitoring and target exceedances
28	Ambient groundwater quality monitoring
28	Ambient sediment quality monitoring
-	TSF Cell three seepage management update report
N/A	Annual report addressing the environmental effects of mine dewater discharge to Lake Carey.
29	Complaints summary

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

Table 20: Non-annual reporting requirements

Condition or table (if relevant)	Parameter	Reporting period	Reporting date (after end of the reporting period)	Format or form ¹
-	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

34. The licence holder shall ensure that the parameters listed in Table 21 are notified to the CEO in accordance with the notification requirements of the table.

Table 21: Notification requirements

Condition or table (if relevant)	Parameter	Notification requirement ¹	Format or form
14	Breach of any limit specified in the Licence	No later than 5pm of the next usual working day.	None specified

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

- **35.** The licence holder shall submit a commissioning report for the LNG Power Station, to the CEO within 3 months of the completion of commissioning.
- **36.** The licence holder shall ensure the commissioning report includes;
 - (a) a list of any original monitoring reports submitted to the licence holder from third parties for the commissioning period;
 - (b) a summary of the environmental performance of the LNG Power Station as installed, against the design specification set out in the amendment application; and
 - (c) where they have not been met, measures proposed to meet the design specification, together with timescales for implementing the proposed measures.
- **37.** The licence holder must maintain accurate and auditable books including the following records, information, reports, and data required by this licence:
 - (a) the calculation of fees payable in respect of this licence;
 - (b) any maintenance of infrastructure that is performed in the course of complying with conditions 1, 2 and 12 of this licence;
 - (c) monitoring programmes undertaken in accordance with conditions 23, 24, 25, 26, 27 and 28 of this licence; and
 - (d) complaints received under condition 29 of this licence.
- **38.** The books specified under condition 37 must:
 - (a) be legible;
 - (b) if amended, be amended in such a way that the original version(s) and any subsequent amendments remain legible and are capable of retrieval;

- (c) be retained by the licence holder for the duration of the licence; and
- (d) be available to be produced to an inspector or the CEO as required.
- **39.** The Licence Holder must conduct their phased Seepage Management Plan for Cell 4 to:
 - (a) Investigate the nature, extent and impact of seepage and groundwater mounding occurring
 - (b) Prepare an Interim TSF Groundwater and Seepage Management Plan based on monitoring and investigations collected
 - (c) Submit to the CEO the report prepared pursuant to condition 39b on no later than the 30 November 2025.

Definitions

In this licence, the terms in Table 22 have the meanings defined.

Table 22: Definitions

Term	Definition
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 January until 31 December in the same year.
AS/NZS 5667.1	means the Australian Standard AS/NZS 5667.1 Water Quality – Sampling – Guidance of the Design of sampling programs, sampling techniques and the preservation and handling of samples.
AS/NZS 5667.4	means the Australian Standard AS/NZS 5667.4 Water Quality – Sampling – Guidance on sampling from lakes, natural and manmade.
AS/NZS 5667.10	means the Australian Standard AS/NZS 5667.10 Water Quality – Sampling – Guidance on sampling of waste waters.
AS/NZS 5667.11	means the Australian Standard AS/NZS 5667.11 Water Quality – Sampling – Guidance on sampling of groundwaters.
AS/NZS 5667.12	means the Australian Standard AS/NZS 5667.12 Water Quality – Sampling – Guidance on sampling of bottom sediments.
averaging period	means the time over which a limit or target is measured or a monitoring results is obtained.
books	has the same meaning given to that term under the EP Act.
CEO	means Chief Executive Officer of the Department. "submit to / notify the CEO" (or similar), means either:
	Director General Department administering the Environmental Protection Act 1986 Locked Bag 10 Joondalup DC WA 6919
	or: info@dwer.wa.gov.au
Clean Fill	has the meaning defined in the Landfill Definitions.

commissioning	means the process of operation and testing that verifies the works and all relevant systems, plant, machinery and equipment have been installed and are performing in accordance with the design specification set out in the Licence amendment application;
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.
emission	has the same meaning given to that term under the EP Act.
EP Act	Environmental Protection Act 1986 (WA).
EP Regulations	Environmental Protection Regulations 1987 (WA).
freeboard	means the distance between the maximum water surface elevations and the top of retaining banks or structures at their lowest point.
Inert Waste Type 1	has the meaning defined in the Landfill Definitions.
Inert Waste Type 2	has the meaning defined in the Landfill Definitions.
Landfill Definitions	means the document titled "Landfill Waste Classification and Waste Definitions 1996" published by the Chief Executive Officer of the Department of Water and Environmental Regulation as amended from time to time.
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.
mbgl	means metres below ground level.
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.
premises	refers to the premises to which this licence applies, as specified at the front of this licence and as shown on the premises map (Figure 1) 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 January to 31 March, 1 April to 31 June, 1 July to 31 September and 1 October to 31 December.

Term	Definition
RTSF	means Reclaimed Tailings Storage Facility.
Schedule 1	means Schedule 1 of this Licence unless otherwise stated.
spot sample	means a discrete sample representative at the time and place at which the sample is taken.
stage 1	means the installation of 22 generators (Cummins QSK60) to be operational until 30 June 2016.
stage 2	means the removal of the 22 generators from stage 1 and replaced with 18 generators (Cummins QSK60) which have been modified as higher capacity units from 1 July 2016 onwards.
TSF	means Tailings Storage Facility.
usual working day	means 0800 – 1700 hours, Monday to Friday excluding public holidays in Western Australia.
waste	has the same meaning given to that term under the EP Act.
zone of influence	means the area of a receiving environment with the potential to be altered or changed as a result of an emission or discharge.

END OF CONDITIONS

Schedule 1: Maps

Premises map

The boundary of the prescribed premises is shown in the map below (Figure 1).



Figure 1: Map of the boundary of the prescribed premises

Infrastructure

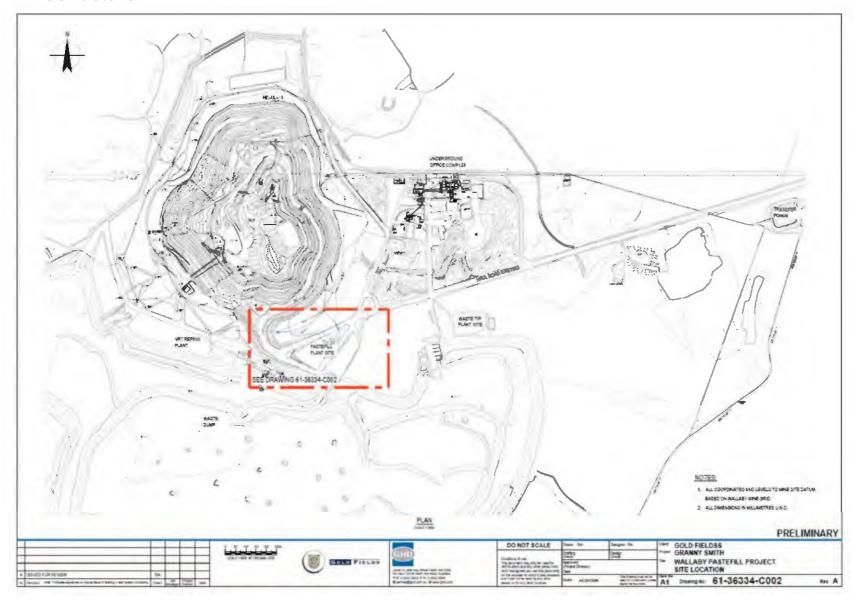


Figure 2: RTFS: Location

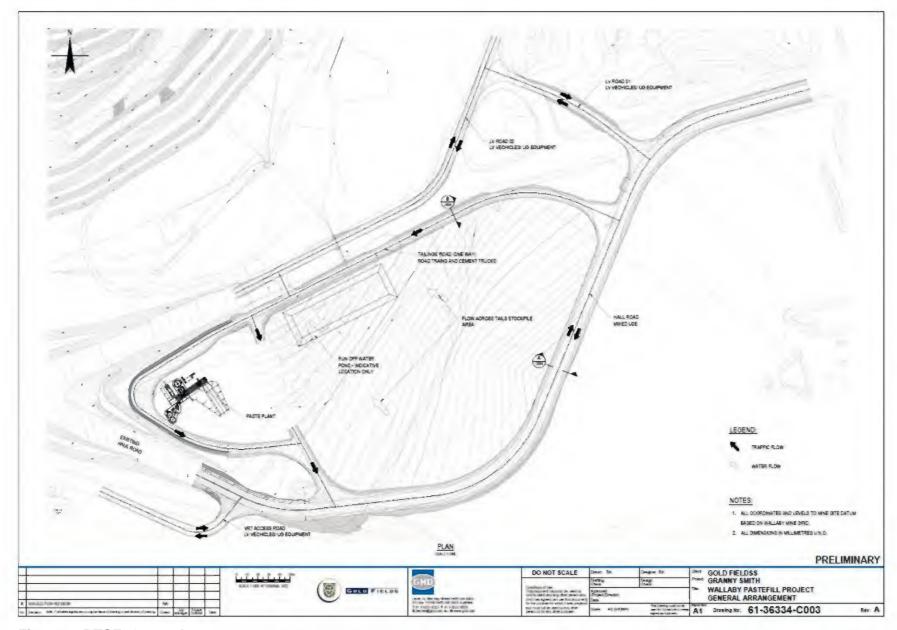


Figure 3: RTSF: General arrangement

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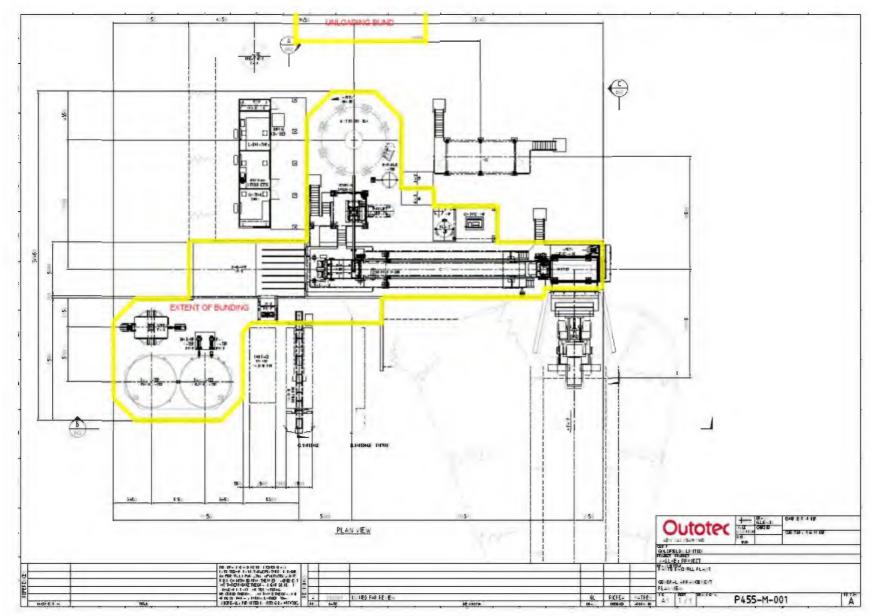


Figure 4: Paste Plant – Layout and bunding

The boundary of the WAP overflow area as defined in condition 13 is shown in yellow below.

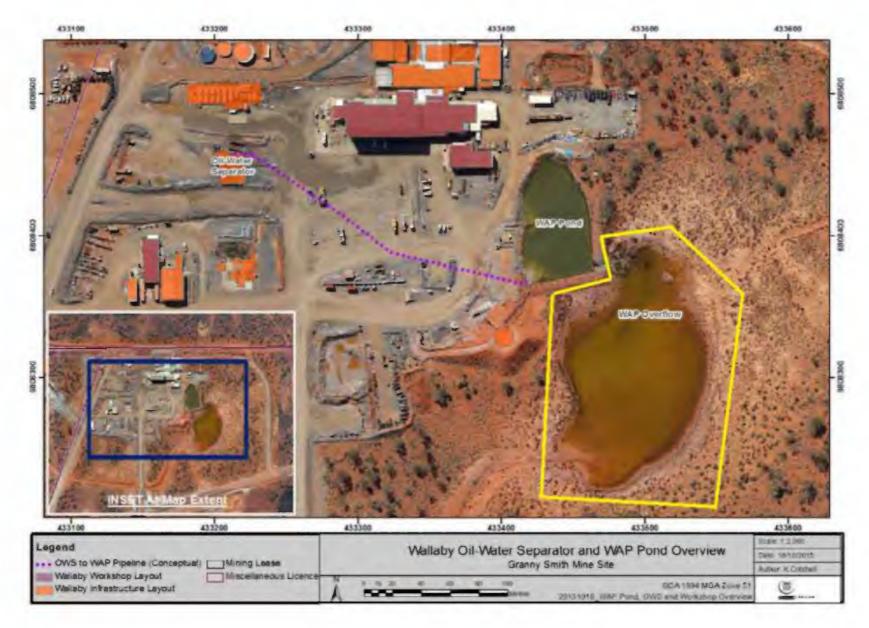


Figure 5: WAP Overflow Area

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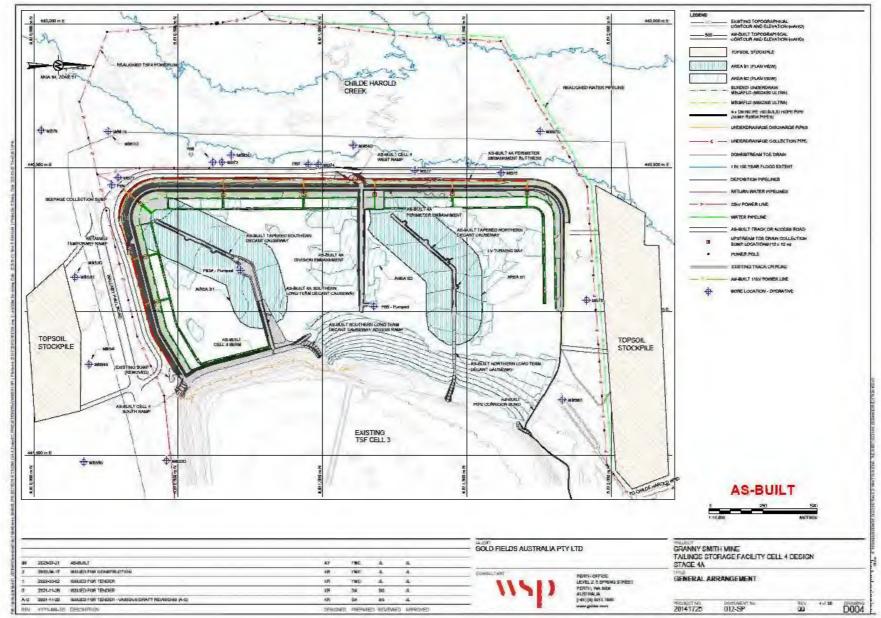


Figure 6: As-built TSF Cell 4 design stage 4A and associated monitoring bores

Emission points and monitoring locations

The locations of the emission points defined in Table 6 are shown in Figures 7 and 8 below



Figure 7: Point source emissions to air locations

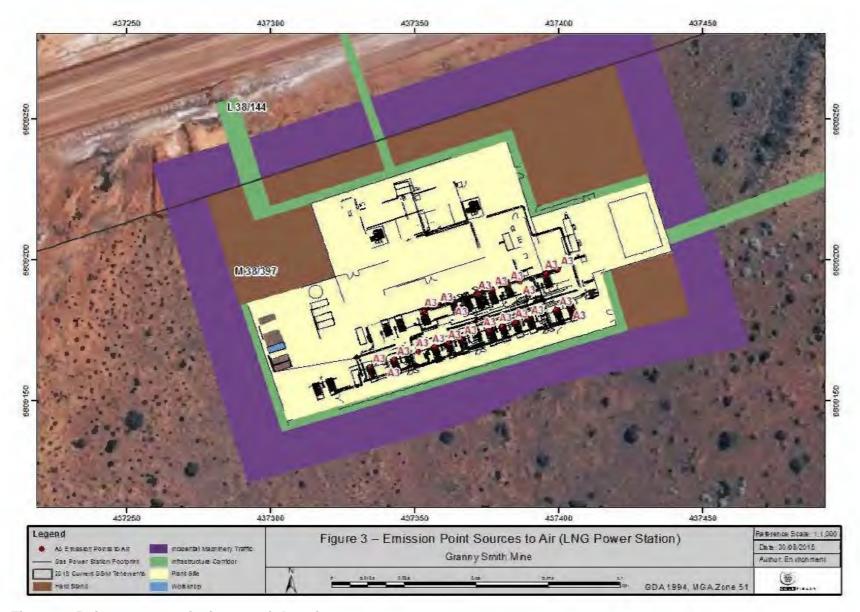


Figure 8: Point source emissions to air locations

The locations of the emission points defined in Table 7 and monitoring points defined in Tables 13 and 18 are shown below.



Figure 9: Emission and monitoring locations for W1 and W2

The locations of the emission points defined in Table 8 are shown below.



Figure 10: Emission points to groundwater

The locations of the emissions points defined in Tables 10 and 15 for L1 are shown below.

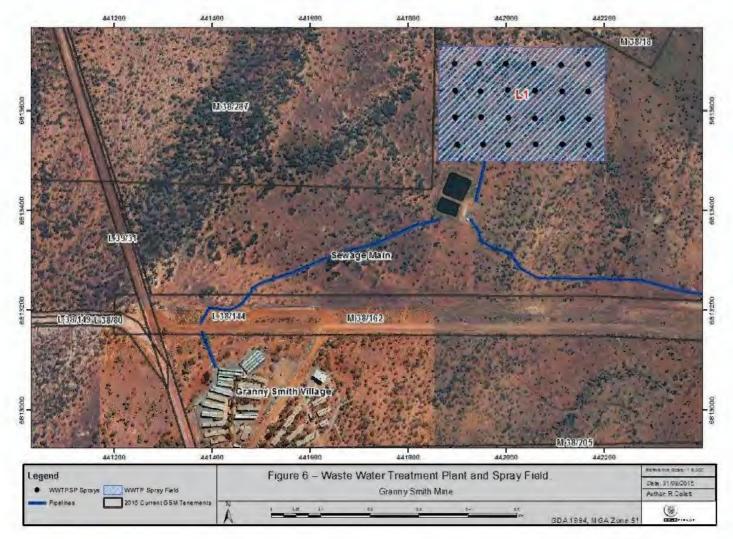
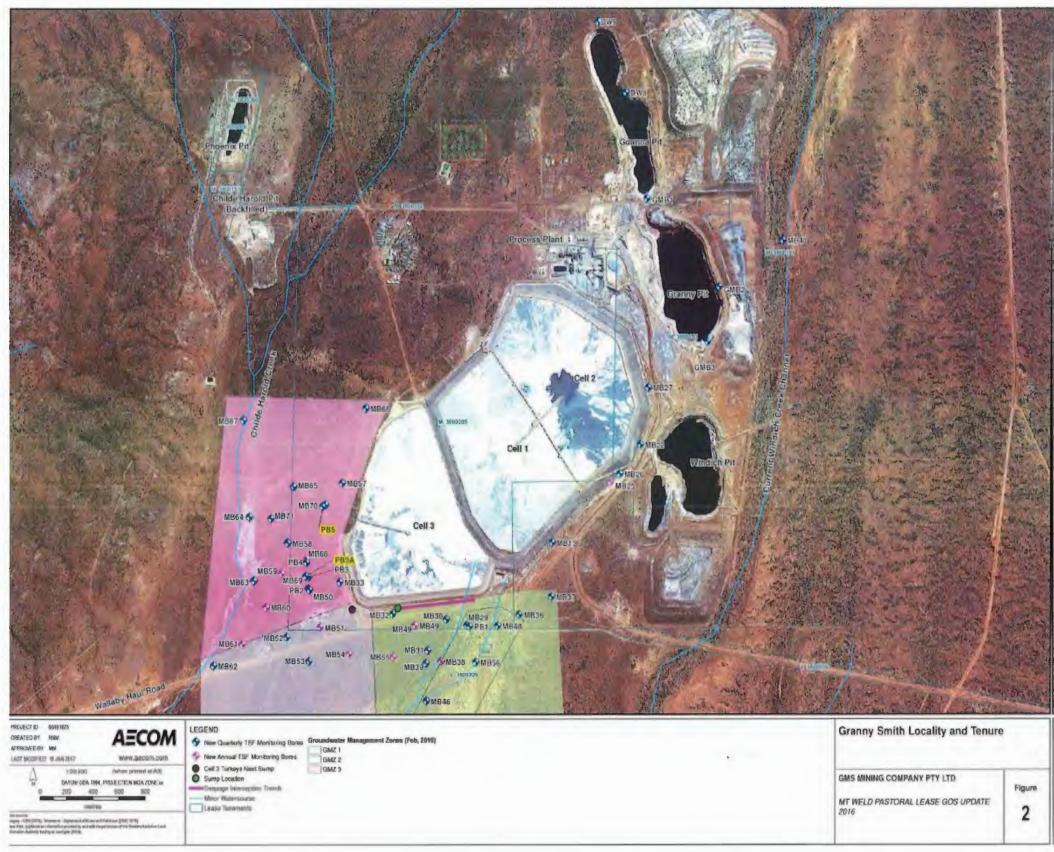


Figure 11: Emission and monitoring location for L1



The locations of the monitoring points defined in Table 17 are shown below and in Figure 6.

Figure 12: Ambient groundwater monitoring locations

The locations of the monitoring points defined in Table 14 are shown below.

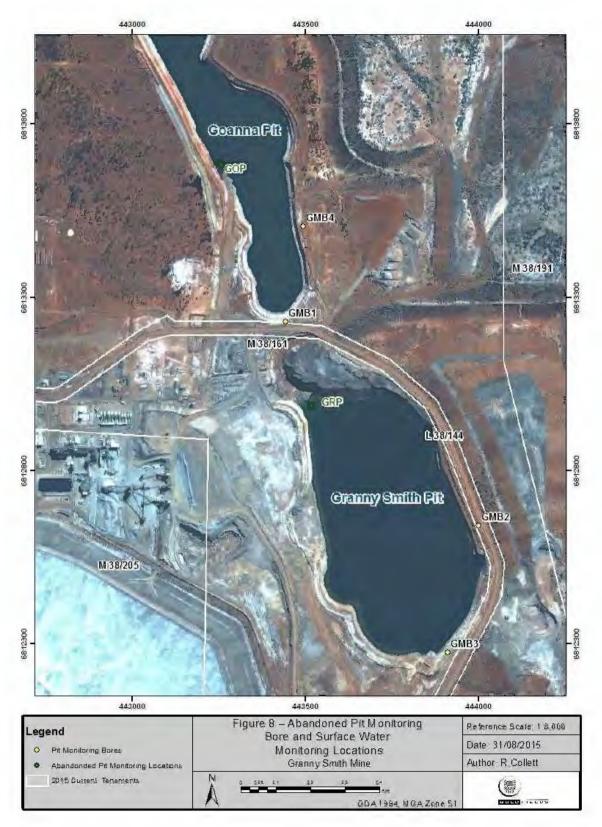


Figure 13: Point source groundwater monitoring locations

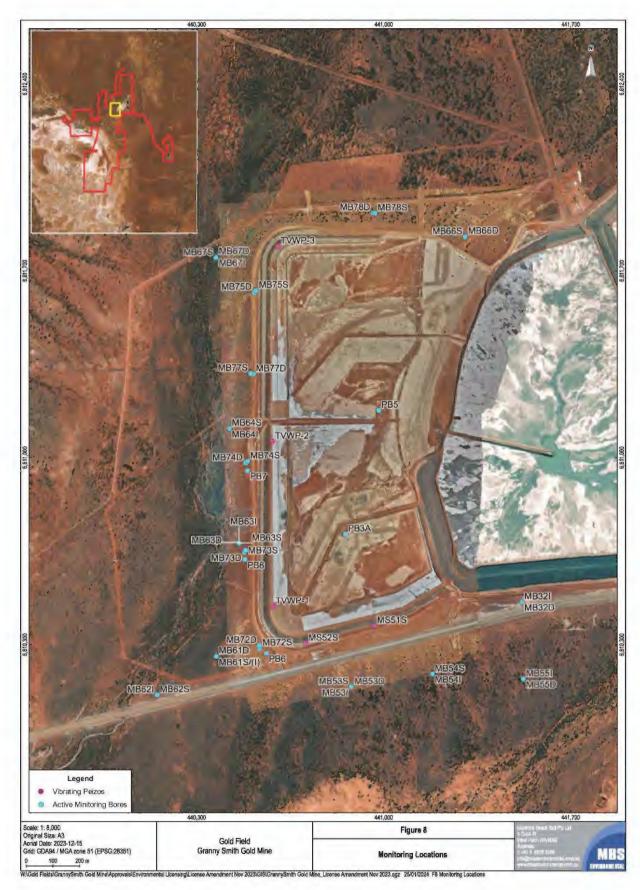


Figure 14: TSF Cell 4 Monitoring locations

Map of Landfill Area

The location of the landfills defined in Table 3 are shown in Figures 15 and 16 below.



Figure 15: Landfill location

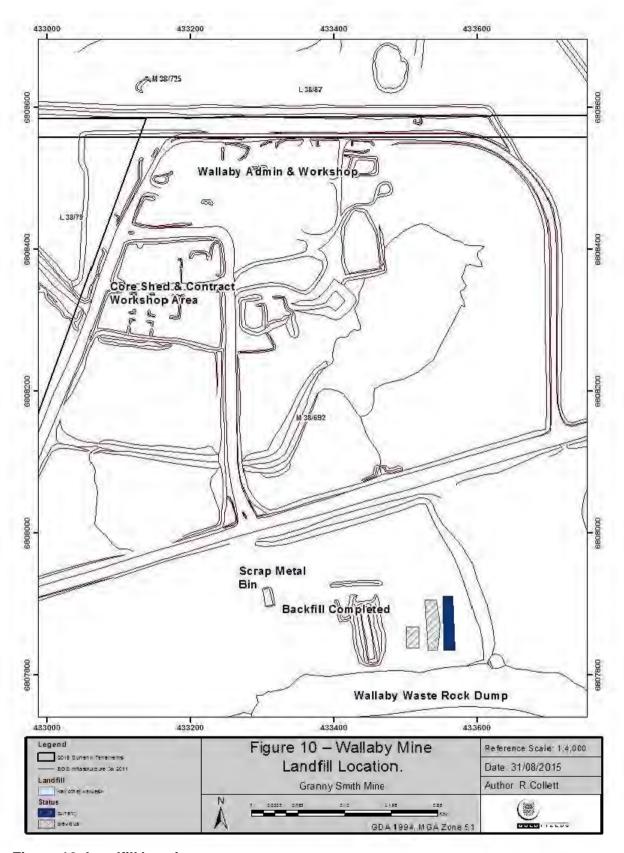


Figure 16: Landfill location