

# **Amendment Notice 1**

**Licence Number** L6617/1992/15

**Licence Holder** Nifty Copper Pty Ltd

**ACN** 074 145 636

**Registered business address** Level 5, 197 St Georges Terrace

PERTH WA 6000

**File Number:** DER2014/001324-2

**Premises** Nifty Copper Operation

Legal description -

Mining Tenement AM7000271

TELFER WA 6762

Date of Amendment 12 July 2019

#### **Amendment**

The Chief Executive Officer (CEO) of the Department of Water and Environmental Regulation (DWER) has amended the above Licence in accordance with section 59 of the *Environmental Protection Act 1986* (EP Act), as set out in this Amendment Notice. This Amendment Notice constitutes written notice of the amendment in accordance with section 59B(9) of the EP Act.

Alana Kidd MANAGER, RESOURCE INDUSTRIES REGULATORY SERVICES

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

# **Definitions and interpretation**

### **Definitions**

In this Amendment Notice, the terms in Table 1 have the meanings defined.

**Table 1: Definitions** 

Term	Definition
ACN	Australian Company Number
AER	Annual Environment Report
Amendment Notice	means an amendment granted under s.59 of the EP Act in accordance with the procedure set out in s.59B of the EP Act.
Category/ Categories/ Cat.	Categories of Prescribed Premises as set out in Schedule 1 of the EP Regulations
CEO	means Chief Executive Officer.
	CEO for the purposes of notification means:
	Director General Department administering the <i>Environmental Protection Act 1986</i> Locked Bag 10 Joondalup DC WA 6919
	info@dwer.wa.gov.au
Delegated Officer	an officer under section 20 of the EP Act.
Department	means the department established under section 35 of the <i>Public Sector Management Act 1994</i> and designated as responsible for the administration of Part V, Division 3 of the EP Act.
DWER	Department of Water and Environmental Regulation
EP Act	Environmental Protection Act 1986 (WA)
Existing Licence	The Licence issued under Part V, Division 3 of the EP Act and in force prior to the commencement of and during this Review
Licence Holder/ Licensee	Nifty Copper Pty Ltd
Occupier	has the same meaning given to that term under the EP Act.
Prescribed Premises	has the same meaning given to that term under the EP Act.
Premises	refers to the premises to which this Decision Report applies, as specified at the front of this Amendment notice
Risk Event	As described in Guidance Statement: Risk Assessment
RL	Reduced level, a relative measurement of vertical distance between an assumed survey height reference point, and other survey data points
TSF	Tailings Storage Facility

#### **Amendment Notice**

This amendment is made pursuant to section 59 of the EP Act to amend the Licence issued under the EP Act for a prescribed premises as set out below. This notice of amendment is given under section 59B(9) of the EP Act.

This notice is limited only to an amendment for Category 5. No changes to the aspects of the original licence relating to the other Licence Categories have been requested by the Licence Holder.

The following guidance statements have informed the decision made on this amendment:

- Guidance Statement: Regulatory Principles (July 2015)
- Guidance Statement: Setting Conditions (October 2015)
- Guidance Statement: Decision Making (February 2017)
- Guidance Statement: Risk Assessment (February 2017)

#### **Amendment description**

The Licence Holder has applied for a Licence amendment to allow construction activities to raise the embankments of TSF 1 by 2.5m to provide for further tailings storage capacity.

The amendment authorises the works to raise the embankments. The construction and operation of the TSF1 2.5m raise has been assessed below.

The amendment also changes the name of the occupier but not the ACN, as well as removing improvement conditions of which the due date has passed and the Licence Holder has supplied the required information. From the submissions made the licence has also been updated with the Investigative trigger values for ambient groundwater monitoring.

The Stage 8 TSF raise design was reviewed by the Department of Mines Industry Regulation and Safety's Environment and Safety divisions and they did not raise any concerns with the progression of the Stage 8 raise.

### **Amendment history**

Table 2 provides the amendment history for L6617/1992/15 since 2005.

**Table 2: Licence amendments** 

Instrument	Issued	Amendment
L6617/1992/9	08/04/2005	Licence re-issue
L6617/1992/10	03/04/2006	Licence re-issue
L6617/1992/11	04/04/2007	Licence re-issue
L6617/1992/12	03/04/2008	Licence re-issue
L6617/1992/13	08/04/2009	Licence re-issue
L6617/1992/14	29/03/2013	Licence re-issue
L6617/1992/14	19/02/2015	Licence amendment to convert to new format template
L6617/1992/15	26/03/2015	Licence re-issue
L6617/1992/15	16/06/2016	Licence amendment to increase the height of the TSF embankments, administrative changes and the licence updated to version 2.9.
L6617/1992/15	12/07/2019	This amendment by notice to allow TSF 1 embankments to be raised by 2.5m (Stage 8)

## **Location and receptors**

Table 3 below lists the relevant sensitive land uses in the vicinity of the Prescribed Premises which may be receptors relevant to the proposed amendment.

Table 3: Receptors and distance from activity boundary

Residential and sensitive premises	Distance from Prescribed Premises
residential receptors	>5km from the works

Table 4 below lists the relevant environmental receptors in the vicinity of the Prescribed Premises which may be receptors relevant to the proposed amendment.

Table 4: Environmental receptors and distance from activity boundary

Environmental receptors	Distance from Prescribed Premises
Groundwater, groundwater users and groundwater dependent ecosystems	3 to 5m below the base of the TSF.  No third party groundwater users within 10km of the premises.  No stygofauna or groundwater dependent ecosystems were identified.
Sensitive ecological receptors to contaminated groundwater.	There are no threatened ecological communities within 10km of the premises.  The nearest watercourse is 15km south of the premises

#### **Risk assessment**

Table 5 and Table 6 below describe the Risk Events associated with the amendment consistent with the *Guidance Statement: Risk Assessments*. Both tables identify whether the emissions present a material risk to public health or the environment, requiring regulatory controls.

Table 5: Risk assessment for proposed amendments during construction

		Risk Eve	ent			0	1 31131		
Source/Act	tivities	Potential emissions	Potential receptors	Potential pathway	Potential adverse impacts	Consequence rating	Likelihood rating	Risk	Reasoning
Cat 5 Processing or beneficiation of metallic or non-metallic ore	Construction of TSF embankment and relocation of infrastructure including machinery and vehicle movement on unsealed roads and earth works	Dust and noise associated with construction activities	No residential receptors within 5 km of the TSF	Air	amenity impacts	Slight	Rare	Low	The Delegated Officer believes that the distance to the nearest receptor makes it unlikely that there will be an impact during construction activities.

Table 6: Risk assessment for proposed amendments during operation

Table	o. Mak das	sessment for p Risk E	•	nonunients '	adinig operati				
Source/A	ctivities	Potential emissions	Potential receptors	Potential pathway	Potential adverse impacts	Consequence rating	Likelihood rating	Risk	Reasoning
		Increase in leachate/ seepage from			Contamination				Documentation provided by the Licence Holder shows that use of the Stage 8 TSF raise will increase seepage flow rates by approximately 8.5%.
		tailings disposal potentially with a low pH or containing	Groundwat er within 3- 5m below the base of	Seepage through soil to	of groundwater with heavy metals, TDS and, sulfate causing an	Medium	The water balance provided by the Licence Holder shows that seepage is about 16% of the total water inflow from tailings slurry and rainfall which is approximately 164,000kL per year.		
		heavy metals, TDS and, sulfate	the TSF	groundwater.	impact to its beneficial use				Vegetation surveys conducted by the Botanic Gardens and Park Authority show that there has been no increase in change in vegetation cover in the vicinity of the TSF since 2012.
Cat 5									Condition 1.3.5 of the licence requires the supernatant pond to be minimized as much as possible.Condition 3.6.1 and 5.2.1 require 6 monthly grounding monitoring and a comparison of results against trigger levels.
Processing or beneficiation of metallic or non-metallic ore	Additional tailings deposition	Tailings seepage	Vegetation in the vicinity of	Groundwater mounding due to	Saline water inundation of vegetation root systems leading to	Moderate	Possible	Medium	Ongoing groundwater monitoring required by the Licence in the vicinity of the TSF has shown that seepage has led to an increase in TDS, sulfate and manganese in groundwater, with these parameters exceeding the investigative trigger values in some bores. Ongoing vegetation surveys within the vicinity of the TSF have shown TSF seepage may have impacted some perennial grasses however this is limited to an area less than 1ha and in the immediate vicinity of the TSF.
			the TSF	seepage	vegetation death				Medium risks are acceptable generally subject to regulatory controls. The Delegated Officer has therefore deemed it necessary to capture the trigger values in the licence with a comparison to these and contingencies/ actions proposed with exceedances, given there is the likelihood of further seepage.
							The seepage is not expected to reduce the beneficial use of groundwater outside the premises boundary. The current licence conditions are considered appropriate for the operation of the TSF after the Stage 8 raise but an assessment against the trigger values within the licence has been updated.		

#### **Decision**

Licence Holder controls for the construction of the works are conditioned on the licence to ensure that the TSF raise is constructed as per the application supporting documents. Condition 3.6.1 currently on the Licence captures the monitoring of ambient groundwater relating to the emissions from the TSF.

Condition 1.3.10 has been updated to include the construction requirements as stated in the latest TSF design and operating strategy.

Condition 4.1.1 has been removed from the Licence as the Licence Holder submitted the report submitted required by IR1 of the condition on 29 June 2016 and Investigative trigger values.

The Nifty Copper Operations Review of Provisional Trigger Values for Groundwater Quality, June 2015 outlined 'Investigative Trigger Values' (ITVs) for the identified parameters with specific outcomes, for the monitoring of ambient groundwater at the TSF, Fines Dam and Dune swale. These values have been added to Table 3.6.1. Table 5.2.1 currently requires exceedances of these trigger values to be investigated with reporting of the actions implemented, and an assessment of environmental impacts.

When identifying which parameters require ITVs, DWER has taken into consideration the following reports:

- Nifty Copper Operations Mine Water Discharge Management Strategy, June 2016; and
- Nifty Copper Operations Review of Provisional Trigger Values for Groundwater Quality, June 2015.

The Licence Holder details have also been updated as requested by the Licence Holder in an email to the Department on 19 September 2016.

#### **Licence Holder's comments**

The Licence Holder was provided with the draft Amendment Notice on 4 July 2019. Comments received from the Licence Holder have been considered by the Delegated Officer as shown in Appendix 2.

#### **Amendment**

1. The Licence Holder's trading name and registered business address is amended from the name and address below:

Birla Nifty Pty Ltd 256 Adelaide Terrace PERTH WA 6000

To the new name and address below:

Nifty Copper Pty Ltd Level 5, 197 St Georges Terrace PERTH WA 6000

- 2. Condition 1.3.10 of the Licence is amended by the deletion of the text shown in strikethrough below and the insertion of the bold text shown in underline below:
  - 1.3.10 The Licensee shall is authorised to construct and operate the <u>Stage 8</u> TSF lifts in accordance with the <u>documentation</u> <u>specifications</u> detailed in Table 1.3.5.

Table 1.3.5: Construction requirements		
Document Infrastructure	Parts Specifications	Date of
		Document
Nifty Copper Operation Tailings Storage Facility	All	17 December
2015 Operating Strategy and Design Report,		<del>2015</del>
prepared by Coffey Mining Pty Ltd for Birla Nifty		
Pty Ltd		
	2.5m high embankments – to a	- 1
Stage 8 TSF lift and associated drainage	maximum height of RL10325.7m on	
	the west embankment crest and	
<u>infrastructure</u>	RL10308m on the east	
	embankment crest	
Tailings delivery and return water	Capable of returning 20% of the	_
infrastructure	inflow to the TSF	

Note 1: Where the details and commitments of the documents listed in condition 1.3.10 are inconsistent with any other condition of this Licence, the conditions of this Licence shall prevail.

- 3. Table 3.6.1 in Condition 3.6.1 is amended by the insertion of the bold text shown in underline below.
  - 3.6.1 The Licensee shall undertake the monitoring in Table 3.6.1 according to the specifications in that table.

Table 3.6.1: Groundwater monitoring Monitoring point reference and location  Background THRC1439  MB1  HHRC1459 NORC21  Heap leach facility YNC3d YNC58d YNC58d YNC596 YNC596 YNC596 YNC596 YNC596 YNC596 YNC2146 MB6  MB7  Concentrator Containment Pond YNC215s YNC215d  Standing water level  ISE TSF1d TSF2d TSF2d TSF3d TSF3d TSF3d TSF3d TSF3d TSF3d TSF3d TSF3d TSF3d TSF4d Enclosed Dune Swale THRP152d THRP153 THRP153 THRP153 THRP154 THRP153 THRP153 THRP154	Monitoring point reference and location Background THRC1439 MB1 THRC1450 NORC21 Heap leach facility YNC884 YNC588 YNC588 YNC589 YNC604 NORC17 YNC2143 MB6 MB7 Concentrator Containment Pond YNC2143 MB6 MB7 TSF1s TSF1s TSF1s TSF1s TSF1s TSF1s TSF1s TSF2s TSF2s TSF2s TSF2d TSF2s TSF2d TSF3s TSF3d TSF3d TSF3d TSF3d TSF3d TSF4s TSF4s TSF3d TSF4s TSF3d					
Background   THRC1439   MB1   THRC4450   NORC24   Heap leach facility   YNC36d   YNC58d   YNC59d   YNC59d   YNC59d   YNC59d   YNC59d   YNC29d   YNC2146   MB6   MB7   MB7	Background   THRC1439   MB1   THRC1450   NORG21   Heap leach facility   YNC58   YNC588   YNC588   YNC598   YNC596   YNC596   YNC600   NORC16   NORC17   YNC2144   YNC2144   YNC2145   YNC2156   YNC2156   YNC2156   YNC2156   YNC3158   YN			Units	Frequency	Investigative trigger value
Fines Dam FD1s FD1d  Near Mine MB2	THRP153 THRP154s THRP154d  Fines Dam FD1s FD1d  Near Mine MB2	Background THRC1439 MB1 THRC1450 NORC21  Heap leach facility YNC8d YNC58s YNC58d YNC59s YNC59d YNC60s YNC60d NORC16 NORC17 YNC214s YNC214s YNC214d MB6 MB7  Concentrator Containment Pond YNC215s YNC215d  TSF TSF1s TSF1s TSF1d TSF2s TSF2d TSF2s TSF2d TSF3s TSF3d TSF3s TSF3d TSF4s TSF4d  Enclosed Dune Swale THRP152s THRP152s THRP154s THRP154d  Fines Dam FD1s FD1d  Near Mine	Standing water level	-	Quarterly	

Table 3.6.1: Groundwater n	nonitoring				
Monitoring point reference	Parameter	Units	Averaging	Frequency	Investigative
and location			period		trigger value
MB16 MB17 NWB002 YNC164 MB8 MB9 MB10 MB12 MB15 THRP119s THRP119d THRP120s THRP120d THRP121s THRP121d THRP122s THRP122d THRP162s THRP162d	Standing water level	mbgl m(AHD)	Spot sample	Six monthly	<u>NA</u>
Background -Weathered					
Shale Aquifer THRC1439	pH <sup>1</sup>	pH units			Less than 6 or greater than 8.5
THRC1450					grouter than ore
Heap leach facility –	Total dissolved				6,000 mg/L
Alluvium Aquifer	solids				
YNC58s YNC59s	Aluminium				5 mg/L
YNC598 YNC59d					
YNC60s	Sulfate				2,000 mg/L
YNC214s MB6					
	Lead				<u>0.1 mg/L</u>
Heap leach facility – Weathered Shale Aquifer YNC58d	Copper				1.0 mg/L
YNC60d NORC16 NORC17	Iron				0.3 mg/L
MB7  Concentrator Containment	Manganese				<u>10 mg/L</u>
Pond – Alluvium Aquifer YNC216s YNC215s	Molybdenum	mg/L			<u>NA</u>
TSF – Alluvium Aquifer TSF2s	Zinc	ilig/L	_		3 mg/L
TSF3s TSF4s	Arsenic	-	Spot sample	Six monthly	0.1 mg/L
TSF – Weathered Shale	Cadmium				0.01 mg/L
Aquifer TSF1s	Nickel				1 mg/L
TSF1d TSF2d TSF3d TSF4d  Enclosed Dune Swale – Alluvium Aquifer THRP152s THRP153 THRP154s  Fines Dam FD1s	Selenium				<u>NA</u>
	l		l		1

Table 3.6.1: Groundwater i	monitoring				
Monitoring point reference and location	Parameter	Units	Averaging period	Frequency	Investigative trigger value
	На	<u>NA</u>			Less than 6 or more than 9
	TDS				6,000 mg/L
	Aluminium				5 mg/L
	Arsenic				2 mg/L
	Cadmium				0.01 mg/L
	Copper				1.0 mg/L
Discharge monitoring	<u>Iron</u>				0.3 mg/L
<u>Bores</u>	<u>Lead</u>				<u>0.1 mg/L</u>
DMB1	<u>Manganese</u>		Spot sample	Six monthly	<u>10 mg/L</u>
DMB2	<u>Molybdenum</u>	mg/L	<u>oporoumpro</u>	<u> </u>	<u>NA</u>
DMB3	<u>Nickel</u>	<u></u>			<u>1 mg/L</u>
DMB4	<u>Zinc</u>				<u>3 mg/L</u>
	<u>Calcium</u>	-			<u>0.01mg/L</u>
	<u>Magnesium</u>				<u>NA</u>
	<u>Potassium</u>				<u>NA</u>
	<u>Sulfate</u>				<u>2,000 mg/L</u>
	Total Recoverable Hydrocarbons				<u>NA</u>

- 4. The Licence is amended by the deletion of Condition 4.1.1 as shown in the strikethrough below.
  - 4.1.1 The Licensee shall complete the improvements in Table 4.1.1 by the date of completion in Table 4.1.1.

Table 4.1.1: Im	provement program	
Improvement reference	Improvement	Date of completion
IR1	The Licensee shall submit a long term mine water management strategy to the CEO. The long term mine water management strategy shall detail measures to be implemented to manage dewatering water to replace the current interim dune swale discharge method and shall include:  - an analysis of long term mine water management options detailing reasons for selecting the preferred management method;  - where applicable, water quality triggers and contingency measures should triggers be exceeded;  - monitoring and reporting procedures; and - timeframes for implementation.	30 June 2016
<del>IR2</del>	The Licensee shall submit proposed limits for:  emissions to land detailed in Table 2.3.2 for emission point reference L3. The limits proposed are required for parameters pH, TDS and TRH; and  make ambient groundwater quality detailed in Table 3.6.1 for monitoring points TSF1s, TSF1d, TSF2s, TSF2d, TSF3s, TSF3d, TSF4s, TSF4d, THRP152s, THRP153, THRP154s and FD1s. The limits proposed are required for parameters pH, TDS and Sulfate.  The proposed limits shall be supported with evidence detailing how each limit has been determined, and should take into account:  background levels pre-mining activities;  monitoring data presented in previous Annual Environmental Reports;  the receiving environment;  the Nifty Copper Operations, Review of Provisional Trigger-Values for Groundwater Quality, prepared for Birla Nifty Pty Ltd, June 2015; and	<del>July 2016</del>

- 5. Table 5.2.1 in Condition 5.2.1 is amended by the insertion of the bold text shown in underline below.
  - 5.2.1 The Licensee shall submit to the CEO an Annual Environmental Report by 1 April each year. The report shall contain the information listed in Table 5.2.1 in the format or form specified in that table.

Condition or table	Environmental Report Parameter	Format or form <sup>1</sup>
(if relevant)		. Jimat of form
-	Summary of any failure or malfunction of any pollution control	None specified
	equipment and any environmental incidents that have occurred	Trong opcomed
	during the annual period and any action taken	
-	Update on the seepage recovery trial being conducted at the	None specified
	TSF, including contaminants in seepage, depth to groundwater,	
	extent of groundwater mound, summary of vegetation health in	
	this area and any other receptors	
1.3.8	Annual assessment of vegetation within the zone of influence of	None specified
	any containment structures for tailings and decant water	
1.3.9	Annual water balance of TSF	None specified
	Volumetric flow rate, Temperature, Moisture content, Nitrogen	AR1
Table 3.2.1	oxides, Carbon monoxide	7.1.
	Effluent discharges from Mine Camp WWTP (L1) and Copper	LR1
	Concentrator WWTP (L2)	
	Biochemical oxygen demand, Total suspended solids, pH, Total	
	nitrogen, Total phosphorus, <i>E.coli</i>	
	Mine dewater discharged to swale area (L3) pH, Total dissolved	None specified
Table 3.3.1	solids, Total suspended solids, Aluminium, Arsenic, Cadmium,	1.0110 opcomed
14515 5.5.1	Copper, Iron, Lead, Manganese, Molybdenum, Nickel, Zinc,	
	Calcium, Magnesium, Potassium, Sulfate, Total recoverable	
	hydrocarbons	
	Water discharged from the Oily Water Separators (L4) Total	LR1
	recoverable hydrocarbons	
	Volume (cumulative) of effluent from the Village ABCO WWTP	
	and Concentrator WWTP discharged to irrigation areas	
	Inert Waste Type 1, Inert Waste Type 2, Putrescible Waste and	1
Table 3.4.1	Clean Fill	None specified
	Volume (cumulative) of mine dewatering water discharged to the	1
	disposal area	
	Total recoverable hydrocarbons from the wastewater received	
	via the Reverse Osmosis Plant vehicle washdown bay wash	
	water	
T-1-054	Volume of tailing deposited into the TSF	Niama amasida d
Table 3.5.1	7 1	None specified
	Volumes of water recovered from the TSF	
	Volumes of seepage recovered	•
	1 -	
Table 3.6.1 and	Monitoring of ambient groundwater quality:	None specified
3.6.2	Comparison of sampling results against the <b>Investigative</b>	
	Trigger Values show in table 3.6.1 as derived from the trigger	
	levels described in the document <i>Nifty Copper Operation</i>	
	Provisional Groundwater Trigger Values, MBS Environmental	
	(June, 2015) and Nifty Copper Operations Mine Water	
	Discharge Management Strategy, MBS (June 2016). Details	
	of investigations into trigger value exceedances, actions	
	implemented, <b>timeframes</b> and an assessment of environmental	
	impacts.	
5.1.3	Compliance	Annual Audit
0.1.0	Compliance	Compliance Repo
		(AACR)
5.1.4	Complaints summary	None specified

Note 1: Forms are in Schedule 2

- 6. Table 5.3.1 of the Licence is amended by the deletion of the text shown in strikethrough below and the insertion of the bold text shown in underline below:
  - 5.3.1 The Licensee shall ensure that the parameters listed in Table 5.3.1 are notified to the CEO in accordance with the notification requirements of the table.

Table 5.3.1: Notification requirements				
Condition or table (if relevant)	Parameter	Notification requirement <sup>1</sup>	Format or form <sup>2</sup>	
1.3.1 and 2.1.1	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	N1	
Table 1.3.5	Construction of TSF lifts	Notify the CEO in writing following the construction of the TSF lifts as specified in condition 1.3.10.  The written notification shall:  (a) be certified by a suitably qualified professional engineer that each item of infrastructure listed in Table 1.3.5 meets the corresponding specifications and has been constructed with no material defects;  (a) confirm that the works were constructed in accordance with condition 1.3.10 and Table 1.3.5; and  (b) be signed by a person authorised to represent the Licence Holder and contain the printed name and position of that person within the company.  Following submission of the written notification, the Licensee shall operate the TSF in accordance with the conditions of this Licence.	None specified	
3.1.5	Calibration report	As soon as practicable	None specified	
-	Entering or ceasing care and maintenance	Within 7 days of changing status	None specified	

Note 1: Notification requirements in the licence shall not negate the requirement to comply with s72 of the Act Note 2: Forms are in Schedule 2

7. Schedule 1 of the Licence is amended by the deletion of the Map of Monitoring Locations and the inclusion of the map below.

### **Map of Monitoring Locations**

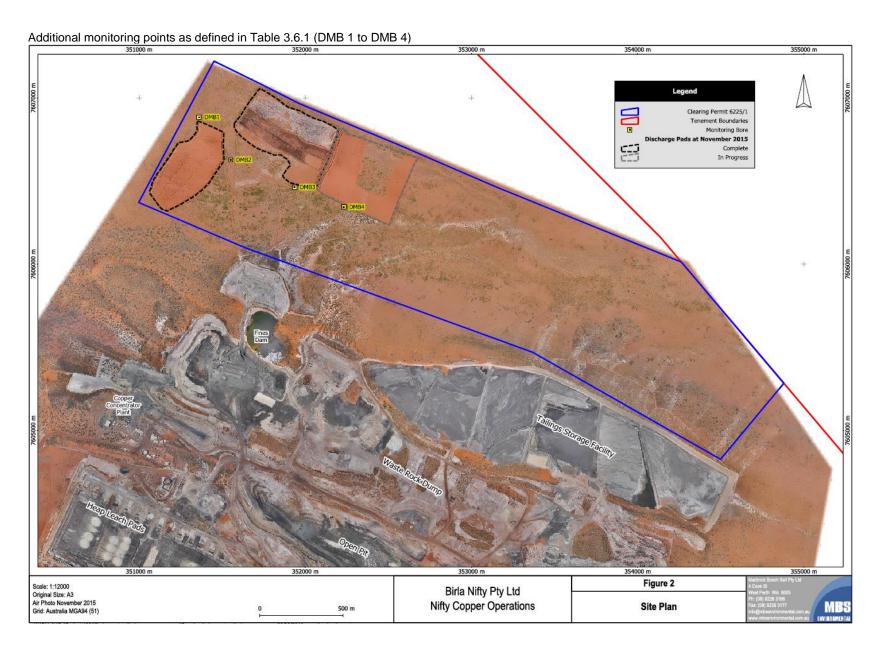
The locations of the monitoring points defined in Tables 3.6.1 and 3.6.2 are shown below



#### **Map of Monitoring Locations**

The locations of the monitoring points defined in Tables 3.6.1 and 3.6.2 including those added and retained are shown in the maps below





# **Appendix 1: Key documents**

	Document title	Availability
1	Licence L6617/1992/15 -	
2	Application form to amend Licence L6617 and supporting documentation received by DWER on 15 December 2018	
3	Tailings Storage Facility 2018 Operating Strategy and Design Report Revision 0, 14 December 2018	
4	Memorandum, Coffey Services Australia Pty Ltd (2019), Review of Nifty TSF Stage 8 Design - Seepage and Water Balance DWER L6617/1992/15 Nifty Copper	
5	Robinson, Michael, Letter to Department of Water and Environmental Regulation, <i>L6617/1992/15 Nifty Copper Operations – Tailings Storage Facility Stage 8 – Application for Licence Amendment</i> , 19 February 2019	www.dwer.wa.gov.au
6	Nifty Copper Operations Mine Water Discharge Management Strategy, MBS, June 2016	
7	DER, July 2015. <i>Guidance Statement: Regulatory Principles.</i> Department of Environment Regulation, Perth.	
8	DER, October 2015. <i>Guidance Statement: Setting Conditions</i> . Department of Environment Regulation, Perth.	
9	DER, November 2016. Guidance Statement: Risk Assessments. Department of Environment Regulation, Perth.	
10	DER, November 2016. <i>Guidance Statement: Decision Making</i> . Department of Environment Regulation, Perth.	

## **Appendix 2: Summary of Licence Holder comments**

The Licence Holder was provided with the draft Amendment Notice on 4 July 2019 for review and comment. The Licence Holder responded on 4 July 2019. The following comments were received on the draft Amendment Notice.

Condition	Summary of Licence Holder comment	DWER response
3.6.1	Removal of monitoring bores that are dry so unable to be monitored.	The groundwater has been gradually lowered as shown in
		previous Annual Reports and the bores are now unable to be
	The bores removed from the monitoring requirement are:	sampled due to them being dry. The Delegated Officer has
	NORC21	determined that the dry bores can be removed from the Licence
	THRP119s	and the additional bores show be added to the monitoring
	THRP119d	requirement.
	THRP162d	
	• MB8	
	• MB9	
	• MB10	
	• MB12	
	• MB15	
	THRP120s	
	THRP120d	
	THRP121s	
	THRP121d	
	THRP122s	
	THRP122d	
	THRP162s	
	THRP162d	
	• THRC1450	
	YNC60s	
	• MB7	
3.6.1	Addition requirement to monitor static water levels in bores:	-
	• MWB002	
	• YNC164	
	• MB1	