



Annual Audit Compliance Report Form

Environmental Protection Act 1986, Part V Division 3

Once completed, please submit this form either via email to info@dwer.wa.gov.au, or to the below postal address:

Department of Water and Environmental Regulation
Locked Bag 10
Joondalup DC WA 6919

Section A – Licence details			
Licence number:	L9037/2017/1	Licence file number:	DER2017/000308
Licence holder name:	Process Minerals International Pty Ltd		
Trading as:	Process Minerals International Pty Ltd		
ACN:	063 988 984		
Registered business address:	20 Walters Drive, Osborne Park, WA, 6017		
Reporting period:	01/01/2022 to 31/12/2022		

Section B – Statement of compliance with licence conditions
Did you comply with all of your licence conditions during the reporting period? (please tick the appropriate box)
<input type="checkbox"/> Yes – please complete: <ul style="list-style-type: none">• section C;• section D (if required); and• sign the declaration in Section F.
<input checked="" type="checkbox"/> No – please complete: <ul style="list-style-type: none">• section C;• section D (if required);• section E; and• sign the declaration in Section F.

Section C – Statement of actual production	
Provide the actual production quantity for this reporting period. Supporting documentation is to be attached.	
Prescribed premises category	Actual production quantity
Category 5: Processing or beneficiation of metallic or non-metallic ores	2,413,034 tonnes
Category 12: Screening of material	0 tonnes
Category 57: Used tyre storage	155 used tyres (82 HV and 73 LV)
Category 64: Class II putrescible landfill	1,619 tonnes
Category 73: Bulk storage of chemicals	LNG = 394kL Tank farm A (4 x 49.25kL tanks) Tank farm B (3 x 49.25kL tanks) Diesel = 554 kL

Section C – Statement of actual production

Provide the actual production quantity for this reporting period. Supporting documentation is to be attached.

Prescribed premises category	Actual production quantity
	New fuel farm (3 x 110kL tanks) Old fuel farm (3 x 57kL + 1 x 53kL tanks)
Category 85: Sewage facility	Average 47.56m ³ / day
Category 6: Dewatering	16,664 tonnes (0.016 GL)
Category 85b: Water desalination plant	0.54 GL

Section D – Statement of actual Part 2 waste discharge quantity

Provide the actual Part 2 waste discharge quantity for this reporting period. Supporting documentation is to be attached.

Prescribed premises category	Actual Part 2 waste discharge quantity
Category 5: Processing or beneficiation of metallic or non-metallic ores	1,933,339 tonnes to the tailings storage 879,357 tonnes to coarse reject load out
Category 6: Dewatering	16,664 tonnes (0.016 GL)
Category 85b: Water desalination plant	0.30 GL

Section E – Details of non-compliance with licence condition

Please use a separate page for each condition with which the licence holder was non-compliant at a time during the reporting period.

Condition no:	Condition 1 Table 2 Condition 7	Date(s) of non-compliance:	16/02/2022, 9/05/2022 14/11/2022
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Details of non-compliance:

Wastewater effluent discharged to the irrigation area exceeded the Treated Effluent Quality Limits prescribed in the License for 3 out of the 4 quarterly monitoring events. Data is provided in attachment 1. Total nitrogen was exceeded on the 16/02/2022, BOD, E.coli, Total Nitrogen, Total Phosphorus and TSS were exceeded on the 09/05/2022 and TSS was exceeded on 14/11/2022

What was the actual (or suspected) environmental impact of the non-compliance?

NOTE – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.

The impact is considered negligible as all wastewater is discharged to the approved spray field and no negative impacts upon the vegetation within the spray field were noted during inspections.

Cause (or suspected cause) of non-compliance:

The non-compliance is suspected to be a result of the existing treatment plant operating at its maximum capacity for the majority of the reporting period.

Section E – Details of non-compliance with licence condition	
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:	
License amendments and works approvals have been obtained to increase the throughput of the plant and the size of the spray field. A second treatment module is expected to be operational in April 2023 which will minimise the likelihood of recurrence.	
Was this non-compliance previously reported to DWER?	
<input type="checkbox"/> Yes, and	
<input type="checkbox"/> Reported to DWER verbally	Date: / /
<input type="checkbox"/> Reported to DWER in writing	Date: / /

Section E – Details of non-compliance with licence condition			
Please use a separate page for each condition with which the licence holder was non-compliant at a time during the reporting period.			
Condition no:	Condition 12	Date(s) of non-compliance:	17/01/2022, 31/01/2022 07/02/2022, 14/02/2022 21/02/2022, 28/02/2022 07/03/2022, 30/04/2022 30/05/2022
Details of non-compliance:			
The waste contractor typically utilised the landfill two times per week for the disposal of waste and mining team at least once a week to apply cover material to the active cell. Informal inspections of the landfill likely occur during these disposal and cover events; however formal documented inspections were not undertaken for weeks 2, 4, 6, 7, 8, 9,10, 18 and 22 to fulfill the requirements of Condition12.			
What was the actual (or suspected) environmental impact of the non-compliance?			
NOTE – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.			
No actual or suspected environmental impact associated with this non-compliance. The landfill continued to be managed in accordance with requirements including weekly covering of the trench and management of windblown waste.			
Cause (or suspected cause) of non-compliance:			
Staff changes and inadequate task reallocation resulted in formal document inspections not being completed at the required frequency.			

Section E – Details of non-compliance with licence condition

Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:

Staffing issues were resolved as of June 2022 and requirements of the license were communicated with site team to ensure inspection obligations were understood. A process was implemented to ensure inspections were completed and verified on a weekly basis. No further non-compliances occurred after June 2022.

Was this non-compliance previously reported to DWER?

Yes, and

Reported to DWER verbally

Date: / /



Reported to DWER in writing

Date: / /

Section F – Declaration

I / We declare that the information in this Annual Audit Compliance Report is true and correct and is not false or misleading in a material particular¹.

I / We consent to the Annual Audit Compliance Report being published on the Department of Water and Environmental Regulation's (DWER) website.

Signature ² :		Signature:	
Name: (printed)		Name: (printed)	
Position:	GENERAL MANAGER	Position:	
Date:	25/04/2023	Date:	
Seal (if signing under seal):			

¹ It is an offence under section 112 of the *Environmental Protection Act 1986* for a person to give information on this form that to their knowledge is false or misleading in a material particular.

² AACRs can only be signed by the licence holder or an authorised person with the legal authority to sign on behalf of the licence holder.

Attachment 1: Waste Water Treatment Plant (WWTP) limit exceedances

Sample Date	Lab Reference	Analyte Exceeded	Analyte Limit	Analyte Result
16/02/2022	276977	Total Nitrogen	<50 mg/L	55 mg/L
09/05/2022	281419	Biological Oxygen Demand (BOD)	<30 mg/L	34mg/L
		E. coli	<1000 cfu/100ml	12000 cfu/100ml
		Total Nitrogen	<50 mg/L	71 mg/L
		Total Phosphorus	<12 mg/L	21 mg/L
		Total Suspended Solids	<40 mg/L	150 mg/L
14/11/2022	PDK1774	Total Suspended Solids	<40 mg/L	58mg/L

Attachment 2: Quarterly standing water levels (mbgl) for groundwater bores MTMPZ1, MTMPZ2 and MTMPZ4 as required under condition 17

Sample Date	MTMPZ1 (mbgl)	MTMPZ2 (mbgl)	MTMPZ4 (mbgl)
28/01/2022	61.55	62.97	35.06
12/04/2022	61.63	62.02	34.90
28/06/2022	61.80	62.76	35.10
23/10/2022	75.08	67.32	35.25

Attachment 3: Discharge of RO brine to ghost crab pit as required under condition 20

Month	Volume (kL)
January	0
February	0
March	0
April	0
May	0
June	2,303
July	12,418
August	9,790
September	3,637
October	1,157
November	789
December	0
Total	30,094

Attachment 4: Monthly discharge pit dewatering to ghost crab pit as required under condition 20

Month	Volume (kL)
January	0
February	0
March	0
April	0
May	0
June	0
July	0
August	0
September	0
October	2,401
November	6,650
December	7,613
Total	16,664

Attachment 5: Monthly ghost crab pit freeboard as required by condition 18

Month	Freeboard (m)
January	101.15
February	100.88
March	99.93
April	99.49
May	99.05
June	99.01
July	98.49
August	97.85
September	97.48
October	97.36
November	96.48
December	95.50

