Annual Return

ILUKA RESOURCES LIMITED

Licence 20795

A. Statement of Compliance - Licence Details

ALL Licence holders must check that the Licence details in Section A are correct.

If there are changes to any of these details, **you must advise Environment Protection Authority (EPA) and apply as soon as possible for a variation to your Licence or for a Licence transfer.**

Licence variation and transfer application forms are available on the EPA website at: http://www.epa.nsw.gov.au/licensing-and-regulation/licensing or from regional offices of the EPA, or by contacting by telephone 02 9995 5700.

If you are applying to vary or transfer your Licence, you must still complete and submit this Annual Return.

A1. Licence holder

Licence number	: 20795
Licence holder	: ILUKA RESOURCES LIMITED
Trading name *(if applicable)*	:
ABN	: 34 008 675 018
ACN	:
Reporting period	: From: 10-6-2023 To: 9-6-2024

A2. Premises to which Licence Applies (if applicable)

Common name (if any)	: KARRA STATION
Premises	: BALRANALD 2715 NSW

A3. Activities to which Licence Applies

Mineral processing

Mining for minerals

Road construction

A4. Other Activities (if applicable)

Waste processing

Waste disposal

Concrete works

Sewage treatment

Chemical storage

A5. Fee-Based Activity Classifications

Note that the fee based activity classification is used to calculate the administrative fee.

Fee-based activity	Activity scale	Unit of measure
Mining for minerals	> 500,000.00 - 2,000,000.00	T annual production capacity
Road construction (>=50,000T & road to be constructed >10km & <30km)	> 500,000.00 - 2,000,000.00	Remaining extraction or processing
Mineral processing	> 500,000.00 - 2,000,000.00	T annual processing capacity

A6. Assessable Pollutants (if applicable)

Note that the identification of assessable pollutants is used to calculate the **load-based fee.**
The following assessable pollutants are identified for the fee-based activity classifications in the licence:

B. Monitoring and Complaints Summary

B1. Number of Pollution Complaints

Pollution Complaint Category	Complaints
Air	0
Water	0
Noise	0
Waste	0
Other	0
Total complaints recorded by the licensee during the reporting period	**0**

B2. Concentration Monitoring Summary

For each concentration monitoring point identified in your licence, details are displayed below. If concentration monitoring is not required by your licence, **no data** will appear below.
If data was provided from an uploaded file, the file name will be displayed below instead of any data.
Note that this does not exclude the need to conduct appropriate concentration monitoring of assessable pollutants as required by load-based licensing (if applicable).

Monitoring Point 13

Air quality monitoring, The air quality monitoring point identified as CPM1 in the map titled 'Balranald Mineral Sands Project Air Quality Monitoring Locations' dated 12 December 2022 and kept on EPA file DOC23/531340.

Pollutant	Unit of measure	No. of samples required	No. of samples collected and analysed	Lowest sample value	Mean of sample	Highest sample value
PM10	micrograms per cubic metre					
PM2.5	micrograms per cubic metre					

Monitoring Point 17

Groundwater Monitoring, Groundwater bore labelled 'Karra Bore' identified in Figure 29 and Table 23 of the document titled 'Balranald Mineral Sands Project- West Balranald Stage 1 Consent (SSD-5285)-Water Management Plan' dated May 2023 and kept on EPA file DOC23/513414.

Pollutant	Unit of measure	No. of samples required	No. of samples collected and analysed	Lowest sample value	Mean of sample	Highest sample value
Aluminium (dissolved)	micrograms per litre					
Arsenic (dissolved)	micrograms per litre					
Cadmium (dissolved)	micrograms per litre					
Chromium (dissolved)	micrograms per litre					
Cobalt (dissolved)	micrograms per litre					
Copper (dissolved)	micrograms per litre					
Electrical conductivity	microsiemens per centimetre					
Iron (dissolved)	micrograms per litre					
Lead (dissolved)	micrograms per litre					
Manganese (dissolved)	micrograms per litre					
Nickel (dissolved)	micrograms per litre					
pH	pH					
Uranium	micrograms per cubic metre					

Zinc (dissolved)	micrograms per litre					

Monitoring Point 18

Groundwater monitoring, Groundwater bore labelled 'T01' identified in Figure 29 and Table 23 of the document titled 'Balranald Mineral Sands Project- West Balranald Stage 1 Consent (SSD-5285)-Water Management Plan' dated May 2023 and kept on EPA file DOC23/513414.

Pollutant	Unit of measure	No. of samples required	No. of samples collected and analysed	Lowest sample value	Mean of sample	Highest sample value
Aluminium (dissolved)	micrograms per litre					
Arsenic (dissolved)	micrograms per litre					
Cadmium (dissolved)	micrograms per litre					
Chromium (dissolved)	micrograms per litre					
Cobalt (dissolved)	micrograms per litre					
Copper (dissolved)	micrograms per litre					
Electrical conductivity	microsiemens per centimetre					
Iron (dissolved)	micrograms per litre					
Lead (dissolved)	micrograms per litre					
Manganese (dissolved)	micrograms per litre					
Nickel (dissolved)	micrograms per litre					
pH	pH					
Uranium	micrograms per cubic metre					
Zinc (dissolved)	micrograms per litre					

Monitoring Point 19

Groundwater monitoring, Groundwater bore labelled 'GW036673' identified in Figure 29 and Table 23 of the document titled 'Balranald Mineral Sands Project- West Balranald Stage 1 Consent (SSD-5285)-Water Management Plan' dated May 2023 and kept on EPA file DOC23/513414.

Pollutant	Unit of measure	No. of samples required	No. of samples collected and analysed	Lowest sample value	Mean of sample	Highest sample value
Aluminium (dissolved)	micrograms per litre					
Arsenic (dissolved)	micrograms per litre					
Cadmium (dissolved)	micrograms per litre					
Chromium (dissolved)	micrograms per litre					
Cobalt (dissolved)	micrograms per litre					
Copper (dissolved)	micrograms per litre					
Electrical conductivity	microsiemens per centimetre					
Iron (dissolved)	micrograms per litre					
Lead (dissolved)	micrograms per litre					
Manganese (dissolved)	micrograms per litre					
Nickel (dissolved)	micrograms per litre					
pH	pH					
Standing Water Level	metres					
Uranium	micrograms per cubic metre					
Zinc (dissolved)	micrograms per litre					

Monitoring Point 20

Groundwater monitoring, Groundwater bore labelled 'GW036866' identified in Figure 29 and Table 23 of the document titled 'Balranald Mineral Sands Project- West Balranald Stage 1 Consent (SSD-5285)-Water Management Plan' dated May 2023 and kept on EPA file DOC23/513414.

Pollutant	Unit of measure	No. of samples required	No. of samples collected and analysed	Lowest sample value	Mean of sample	Highest sample value
Aluminium (dissolved)	micrograms per litre					

Arsenic (dissolved)	micrograms per litre					
Cadmium (dissolved)	micrograms per litre					
Chromium (dissolved)	micrograms per litre					
Cobalt (dissolved)	micrograms per litre					
Copper (dissolved)	micrograms per litre					
Electrical conductivity	microsiemens per centimetre					
Iron (dissolved)	micrograms per litre					
Lead (dissolved)	micrograms per litre					
Manganese (dissolved)	micrograms per litre					
Nickel (dissolved)	micrograms per litre					
pH	pH					
Standing Water Level	metres					
Uranium	micrograms per cubic metre					
Zinc (dissolved)	micrograms per litre					

Monitoring Point 21

Groundwater monitoring, Groundwater bore labelled 'WB01' identified in Figure 29 and Table 23 of the document titled 'Balranald Mineral Sands Project- West Balranald Stage 1 Consent (SSD-5285)-Water Management Plan' dated May 2023 and kept on EPA file DOC23/513414.

Pollutant	Unit of measure	No. of samples required	No. of samples collected and analysed	Lowest sample value	Mean of sample	Highest sample value
Aluminium (dissolved)	micrograms per litre					
Arsenic (dissolved)	micrograms per litre					
Cadmium (dissolved)	micrograms per litre					
Chromium (dissolved)	micrograms per litre					
Cobalt (dissolved)	micrograms per litre					

Copper (dissolved)	micrograms per litre					
Electrical conductivity	microsiemens per centimetre					
Iron (dissolved)	micrograms per litre					
Lead (dissolved)	micrograms per litre					
Manganese (dissolved)	micrograms per litre					
Nickel (dissolved)	micrograms per litre					
pH	pH					
Standing Water Level	metres					
Uranium	micrograms per cubic metre					
Zinc (dissolved)	micrograms per litre					

Monitoring Point 22

Groundwater monitoring, Groundwater bore labelled 'WB02' identified in Figure 29 and Table 23 of the document titled 'Balranald Mineral Sands Project- West Balranald Stage 1 Consent (SSD-5285)-Water Management Plan' dated May 2023 and kept on EPA file DOC23/513414.

Pollutant	Unit of measure	No. of samples required	No. of samples collected and analysed	Lowest sample value	Mean of sample	Highest sample value
Aluminium (dissolved)	micrograms per litre					
Arsenic (dissolved)	micrograms per litre					
Cadmium (dissolved)	micrograms per litre					
Chromium (dissolved)	micrograms per litre					
Cobalt (dissolved)	micrograms per litre					
Copper (dissolved)	micrograms per litre					
Electrical conductivity	microsiemens per centimetre					
Iron (dissolved)	micrograms per litre					
Lead (dissolved)	micrograms per litre					

Manganese (dissolved)	micrograms per litre					
Nickel (dissolved)	micrograms per litre					
pH	pH					
Standing Water Level	metres					
Uranium	micrograms per cubic metre					
Zinc (dissolved)	micrograms per litre					

Monitoring Point 23

Groundwater monitoring, Groundwater bore labelled 'LPSPB03' identified in Figure 29 and Table 23 of the document titled 'Balranald Mineral Sands Project- West Balranald Stage 1 Consent (SSD-5285)-Water Management Plan' dated May 2023 and kept on EPA file DOC23/513414.

Pollutant	Unit of measure	No. of samples required	No. of samples collected and analysed	Lowest sample value	Mean of sample	Highest sample value
Aluminium (dissolved)	micrograms per litre					
Arsenic (dissolved)	micrograms per litre					
Cadmium (dissolved)	micrograms per litre					
Chromium (dissolved)	micrograms per litre					
Cobalt (dissolved)	micrograms per litre					
Copper (dissolved)	micrograms per litre					
Electrical conductivity	microsiemens per centimetre					
Iron (dissolved)	micrograms per litre					
Lead (dissolved)	micrograms per litre					
Manganese (dissolved)	micrograms per litre					
Nickel (dissolved)	micrograms per litre					
pH	pH					
Standing Water Level	metres					

Uranium	micrograms per cubic metre					
Zinc (dissolved)	micrograms per litre					

Monitoring Point 24

Groundwater monitoring, Groundwater bore labelled 'T03' identified in Figure 29 and Table 23 of the document titled 'Balranald Mineral Sands Project- West Balranald Stage 1 Consent (SSD-5285)-Water Management Plan' dated May 2023 and kept on EPA file DOC23/513414.

Pollutant	Unit of measure	No. of samples required	No. of samples collected and analysed	Lowest sample value	Mean of sample	Highest sample value
Aluminium (dissolved)	micrograms per litre					
Arsenic (dissolved)	micrograms per litre					
Cadmium (dissolved)	micrograms per litre					
Chromium (dissolved)	micrograms per litre					
Cobalt (dissolved)	micrograms per litre					
Copper (dissolved)	micrograms per litre					
Electrical conductivity	microsiemens per centimetre					
Iron (dissolved)	micrograms per litre					
Lead (dissolved)	micrograms per litre					
Manganese (dissolved)	micrograms per litre					
Nickel (dissolved)	micrograms per litre					
pH	pH					
Uranium	micrograms per cubic metre					
Zinc (dissolved)	micrograms per litre					

Name of the uploaded file containing point data ▼
Monitoring Concentration Summary 2024.pdf

B2 Concentration Monitoring Comments
Only 319 of 365 samples were collected at monitoring point 13 as air quality monitoring did not commence until 8th July 2023. There were also cases where external power outages were experienced that shut monitoring equipment down. There were 3 exceedances of PM10 criteria in November (52.49 ug/m3), December (65.72 ug/m3) and February (58.97 ug/m3). Exceedances were attributed to sheep movement in nearby paddocks and dust storms, no exceedance in particulate matter was related to site activities.

B3. Volume or Mass Monitoring Summary

For each volume or mass monitoring point identified in your licence, details are displayed below. If volume or mass monitoring is not required by your licence, **no data** will appear below.
If data was provided from an uploaded file, the file name will be displayed below instead of any data.
Note that this does not exclude the need to conduct appropriate volume or mass monitoring of assessable pollutants are required by load-based licensing (if applicable).

C. Statement of Compliance - Licence Conditions

C1. Compliance with Licence Conditions

Were all conditions of the licence complied with (including monitoring and reporting requirements)?	**Yes**

D. Statement of Compliance - Load Based Fee Calculation

If you are not required to monitor assessable pollutants by your licence, **no data** will appear below.

If assessable pollutants have been identified on your licence, the following worksheets for each assessable pollutant will determine your load based fee for the licence fee period to which this Annual Return relates.

Loads of assessable pollutants must be calculated using any of the methods provided in EPA's Load Calculation Protocol for the relevant activity. A Load Calculation Protocol would have been already sent to you with your licence. If you require additional copies, you can download the Protocol from the EPA's website or you can contact us on telephone 02 9995 5700.

You are required to keep all records used to calculate licence fees for four years after the licence fee was paid or became payable, whichever is the later date.

E. Statement of Compliance - Requirement to Prepare PIRMP

Have you prepared a Pollution Incident Response Management Plan (PIRMP) as required under section 153A of the Protection of the Environment Operations (POEO) Act 1997?	**Yes**
Is the PIRMP available at the premises?	**Yes**

Is the PIRMP available in a prominent position on a publicly accessible website?		Yes
Address of the web page where the PIRMP can be accessed ▼		
https://www.iluka.com/community-engagement/balranald/		
Has the PIRMP been tested?		Yes
The PIRMP was last tested on	**26-5-2024**	
Has the PIRMP been updated?		Yes
The PIRMP was last updated on	**28-5-2024**	
Number of times the PIRMP was activated in this reporting period?		0
The PIRMP was activated on		

F. Statement of Compliance - Requirement to Publish Pollution Monitoring Data

Are there any conditions attached to your licence that require pollution monitoring to be undertaken as required under section 66(6) of the Protection of the Environment Operations (POEO) Act 1997?	**Yes**
Do you operate a website?	Yes
Is the pollution monitoring data published on your website in accordance with the EPA's written requirements for publishing pollution monitoring data?	Yes
Address of the web page where the pollution monitoring data can be accessed ▼	
https://www.iluka.com/community-engagement/balranald/	

G. Statement of Compliance - Environment Management System and Practices

Do you have an ISO 14001 certified Environmental Management System (EMS) OR any other system that EPA considers is equivalent to the accountability, procedures, documentation and record keeping requirements of an ISO 14001 certified EMS?	**No**
Have you conducted an assessment of your activities and operations to identify the aspects that have a potential to cause environmental impacts and implemented operational controls to address these aspects?	Yes
Have you established and implemented an operational maintenance program, including preventative maintenance?	Yes
Do you keep records of regular inspections and maintenance of plant and equipment?	Yes
Do you conduct regular (at least yearly) environmental audits at the premises that are conducted by a competent and independent person?	No

Have you undertaken an independent environmental audit covering documented environmental practices, procedures and systems in place during the annual return period?	**No**
Have you established and implemented an environmental improvement or management plan?	**Yes**
Do you train staff in environmental issues that may arise from your activities and operations at the premises and keep records of this?	**Yes**

H. Signature and Certification

This Annual Return may only be signed by person(s) with legal authority to sign it as set out in following categories: an Individual, a Company, a Public authority or a Local council.

It is an offence under section 66 of the Protection of the Environment Operations Act 1997 to supply any information in this form that is false or misleading in a material respect, or to certify a statement that is false or misleading in a material respect. There is a maximum penalty of $250,000 for a corporation and $120,000 for an individual.

I/We

- declare that the information in the Monitoring and Complaints Summary in Section B of this Annual Return application is correct and not false or misleading in a material respect, and
- certify that the information in the Statement and Compliance in sections A, C, D, E, F, G and H and any other pages attached to Section C is correct and not false or misleading in a material respect.

Signature	
Name	Thomas Joseph O'Leary
Position	**Managing Director**
Date	22 / 7 / 2024

Declaration

I declare that the information in the Monitoring and Complaints Summary in section B of this Annual Return is correct and not false or misleading in a material respect, and

I certify that the information in the Statement of Compliance in section A,C,D,E,F and G and any pages attached to Section C is correct and not false or misleading in a material respect.

Signature	
Name	Nigel George Tinley
Position	COMPANY SECRETARY
Date	22 / 7 / 2024

Declaration

I declare that the information in the Monitoring and Complaints Summary in section B of this Annual Return is correct and not false or misleading in a material respect, and

I certify that the information in the Statement of Compliance in section A,C,D,E,F and G and any pages attached to Section C is correct and not false or misleading in a material respect.

NSW EPA Annual Return: B2 Concentration Monitoring Summary
Reporting Period: 10/06/2023 - 09/06/2024
Environment Protection Licence No: 20795

ILUKA
SAFE PRODUCTION LEADERSHIP

Monitoring Point 13 (CPM1)

Pollutant	Unit of measure	No. of samples required	No. of samples collected	No. of samples analysed	Lowest sample vaule	Mean sample value	Highest sample value
PM10	micrograms per cubic metre	365	319	319	1.5	14.18	65.73
PM2.5	micrograms per cubic metre	365	319	319	0	4.79	21.54

Monitoring Point 17 (Karra Bore)

Pollutant	Unit of measure	No. of samples required	No. of samples collected	No. of samples analysed	Lowest sample vaule	Mean sample value	Highest sample value
Aluminium (dissolved)	micrograms per litre	1	1	1	0.18	0.18	0.18
Arsenic (dissolved)	micrograms per litre	1	1	1	0	0	0
Cadmium (dissolved)	micrograms per litre	1	1	1	63	63	63
Chromium (dissolved)	micrograms per litre	1	1	1	0	0	0
Cobalt (dissolved)	micrograms per litre	1	1	1	0	0	0
Copper (dissolved)	micrograms per litre	1	1	1	0	0	0
Electrical conductivity	microsiemens per centimetre	1	1	1	7415	7415	7415
Iron (dissolved)	micrograms per litre	1	1	1	0.55	0.55	0.55
Lead (dissolved)	micrograms per litre	1	1	1	0	0	0

Manganese (dissolved)	micrograms per litre	1	1	1	0.07	0.07	0.07
Nickel (dissolved)	micrograms per litre	1	1	1	0	0	0
pH	pH	1	1	1	7.86	7.86	7.86
Uranium	micrograms per cubic metre	1	1	1	0	0	0
Zinc (dissolved)	micrograms per litre	1	1	1	0.18	0.18	0.18

Monitoring Point 18 (T01)

Pollutant	Unit of measure	No. of samples required	No. of samples collected	No. of samples analysed	Lowest sample vaule	Mean sample value	Highest sample value
Aluminium (dissolved)	micrograms per litre	1	1	1	0.01	0.01	0.01
Arsenic (dissolved)	micrograms per litre	1	1	1	0	0	0
Cadmium (dissolved)	micrograms per litre	1	1	1	57	57	57
Chromium (dissolved)	micrograms per litre	1	1	1	0	0	0
Cobalt (dissolved)	micrograms per litre	1	1	1	0	0	0
Copper (dissolved)	micrograms per litre	1	1	1	0	0	0
Electrical conductivity	microsiemens per centimetre	1	1	1	7446	7446	7446
Iron (dissolved)	micrograms per litre	1	1	1	0.5	0.5	0.5
Lead (dissolved)	micrograms per litre	1	1	1	0	0	0
Manganese (dissolved)	micrograms per litre	1	1	1	0.01	0.01	0.01
Nickel (dissolved)	micrograms per litre	1	1	1	0	0	0
pH	pH	1	1	1	7.91	7.91	7.91

Uranium	micrograms per cubic metre	1	1	1	0	0	0
Zinc (dissolved)	micrograms per litre	1	1	1	0.01	0.01	0.01

Monitoring Point 19 (GW036673)

Pollutant	Unit of measure	No. of samples required	No. of samples collected	No. of samples analysed	Lowest sample vaule	Mean sample value	Highest sample value
Aluminium (dissolved)	micrograms per litre	1	1	1	0.05	0.05	0.05
Arsenic (dissolved)	micrograms per litre	1	1	1	0.01	0.01	0.01
Cadmium (dissolved)	micrograms per litre	1	1	1	692	692	692
Chromium (dissolved)	micrograms per litre	1	1	1	0.01	0.01	0.01
Cobalt (dissolved)	micrograms per litre	1	1	1	0.01	0.01	0.01
Copper (dissolved)	micrograms per litre	1	1	1	0.01	0.01	0.01
Electrical conductivity	microsiemens per centimetre	1	1	1	68154	68154	68154
Iron (dissolved)	micrograms per litre	1	1	1	0.33	0.33	0.33
Lead (dissolved)	micrograms per litre	1	1	1	0.01	0.01	0.01
Manganese (dissolved)	micrograms per litre	1	1	1	3.55	3.55	3.55
Nickel (dissolved)	micrograms per litre	1	1	1	0.02	0.02	0.02
pH	pH	1	1	1	7.27	7.27	7.27
Standing Water Level	metres	4	4	4	14.89	14.87	14.92
Uranium	micrograms per cubic metre	1	1	1	0.01	0.01	0.01
Zinc (dissolved)	micrograms per litre	1	1	1	0.07	0.07	0.07

Monitoring Point 20 (GW036866)

Pollutant	Unit of measure	No. of samples required	No. of samples collected	No. of samples analysed	Lowest sample vaule	Mean sample value	Highest sample value
Aluminium (dissolved)	micrograms per litre	1	1	1	0.59	0.59	0.59
Arsenic (dissolved)	micrograms per litre	1	1	1	0	0	0
Cadmium (dissolved)	micrograms per litre	1	1	1	402	402	402
Chromium (dissolved)	micrograms per litre	1	1	1	0	0	0
Cobalt (dissolved)	micrograms per litre	1	1	1	0	0	0
Copper (dissolved)	micrograms per litre	1	1	1	0.01	0.01	0.01
Electrical conductivity	microsiemens per centimetre	1	1	1	37692	37692	37692
Iron (dissolved)	micrograms per litre	1	1	1	0.16	0.16	0.16
Lead (dissolved)	micrograms per litre	1	1	1	0	0	0
Manganese (dissolved)	micrograms per litre	1	1	1	0.26	0.26	0.26
Nickel (dissolved)	micrograms per litre	1	1	1	0	0	0
pH	pH	1	1	1	7.28	7.28	7.28
Standing Water Level	metres	4	4	4	11.81	11.76	11.85
Uranium	micrograms per cubic metre	1	1	1	0	0	0
Zinc (dissolved)	micrograms per litre	1	1	1	0.01	0.01	0.01

Monitoring Point 21 (WB01)

Pollutant	Unit of measure	No. of samples required	No. of samples collected	No. of samples analysed	Lowest sample vaule	Mean sample value	Highest sample value

Aluminium (dissolved)	micrograms per litre	1	1	1	1.7	1.7	1.7
Arsenic (dissolved)	micrograms per litre	1	1	1	0.07	0.07	0.07
Cadmium (dissolved)	micrograms per litre	1	1	1	420	420	420
Chromium (dissolved)	micrograms per litre	1	1	1	0	0	0
Cobalt (dissolved)	micrograms per litre	1	1	1	0.01	0.01	0.01
Copper (dissolved)	micrograms per litre	1	1	1	0	0	0
Electrical conductivity	microsiemens per centimetre	1	1	1	36154	36154	36154
Iron (dissolved)	micrograms per litre	1	1	1	5.91	5.91	5.91
Lead (dissolved)	micrograms per litre	1	1	1	0	0	0
Manganese (dissolved)	micrograms per litre	1	1	1	0.18	0.18	0.18
Nickel (dissolved)	micrograms per litre	1	1	1	0.01	0.01	0.01
pH	pH	1	1	1	7.19	7.19	7.19
Standing Water Level	metres	4	4	4	18.74	18.71	18.77
Uranium	micrograms per cubic metre	1	1	1	0	0	0
Zinc (dissolved)	micrograms per litre	1	1	1	0.04	0.04	0.04

Monitoring Point 22 (WB02)

Pollutant	Unit of measure	No. of samples required	No. of samples collected	No. of samples analysed	Lowest sample vaule	Mean sample value	Highest sample value
Aluminium (dissolved)	micrograms per litre	1	1	1	0.06	0.06	0.06
Arsenic (dissolved)	micrograms per litre	1	1	1	0	0	0

Cadmium (dissolved)	micrograms per litre	1	1	1	307	307	307
Chromium (dissolved)	micrograms per litre	1	1	1	0	0	0
Cobalt (dissolved)	micrograms per litre	1	1	1	0	0	0
Copper (dissolved)	micrograms per litre	1	1	1	0	0	0
Electrical conductivity	microsiemens per centimetre	1	1	1	33231	33231	33231
Iron (dissolved)	micrograms per litre	1	1	1	0.18	0.18	0.18
Lead (dissolved)	micrograms per litre	1	1	1	0	0	0
Manganese (dissolved)	micrograms per litre	1	1	1	0.12	0.12	0.12
Nickel (dissolved)	micrograms per litre	1	1	1	0	0	0
pH	pH	1	1	1	7.43	7.43	7.43
Standing Water Level	metres	4	4	4	17.85	17.81	17.88
Uranium	micrograms per cubic metre	1	1	1	0	0	0
Zinc (dissolved)	micrograms per litre	1	1	1	0.01	0.01	0.01

Monitoring Point 23 (LPSPB03)

Pollutant	Unit of measure	No. of samples required	No. of samples collected	No. of samples analysed	Lowest sample vaule	Mean sample value	Highest sample value
Aluminium (dissolved)	micrograms per litre	1	1	1	3.19	3.19	3.19
Arsenic (dissolved)	micrograms per litre	1	1	1	0.01	0.01	0.01
Cadmium (dissolved)	micrograms per litre	1	1	1	509	509	509
Chromium (dissolved)	micrograms per litre	1	1	1	0.01	0.01	0.01

Cobalt (dissolved)	micrograms per litre	1	1	1	0.01	0.01	0.01
Copper (dissolved)	micrograms per litre	1	1	1	0.01	0.01	0.01
Electrical conductivity	microsiemens per centimetre	1	1	1	62769	62769	62769
Iron (dissolved)	micrograms per litre	1	1	1	2.4	2.4	2.4
Lead (dissolved)	micrograms per litre	1	1	1	0.01	0.01	0.01
Manganese (dissolved)	micrograms per litre	1	1	1	0.62	0.62	0.62
Nickel (dissolved)	micrograms per litre	1	1	1	0.01	0.01	0.01
pH	pH	1	1	1	7.3	7.3	7.3
Standing Water Level	metres	4	4	4	12.75	12.66	12.8
Uranium	micrograms per cubic metre	1	1	1	0.01	0.01	0.01
Zinc (dissolved)	micrograms per litre	1	1	1	0.03	0.03	0.03

Monitoring Point 24 (T03)

Pollutant	Unit of measure	No. of samples required	No. of samples collected	No. of samples analysed	Lowest sample vaule	Mean sample value	Highest sample value
Aluminium (dissolved)	micrograms per litre	1	1	1	0.01	0.01	0.01
Arsenic (dissolved)	micrograms per litre	1	1	1	0	0	0
Cadmium (dissolved)	micrograms per litre	1	1	1	0	0	0
Chromium (dissolved)	micrograms per litre	1	1	1	0	0	0
Cobalt (dissolved)	micrograms per litre	1	1	1	0	0	0
Copper (dissolved)	micrograms per litre	1	1	1	0	0	0

Electrical conductivity	microsiemens per centimetre	1	1	1	7446	7446	7446
Iron (dissolved)	micrograms per litre	1	1	1	0.33	0.33	0.33
Lead (dissolved)	micrograms per litre	1	1	1	0	0	0
Manganese (dissolved)	micrograms per litre	1	1	1	0.02	0.02	0.02
Nickel (dissolved)	micrograms per litre	1	1	1	0	0	0
pH	pH	1	1	1	7.86	7.86	7.86
Uranium	micrograms per cubic metre	1	1	1	0	0	0
Zinc (dissolved)	micrograms per litre	1	1	1	0.01	0.01	0.01