



ACL Bearing Company (Australia) Pty Ltd
ABN 68 601 696 048
PO Box 1088
Launceston
Tasmania Australia 7250
Telephone (03) 63260500
Facsimile (03) 63266666 (Local)
61 3 63266666 (Int.)

ANNUAL ENVIRONMENTAL REVIEW

ACL Bearing Company (Australia) Pty Ltd

1st October 2022 – 30th September 2023

Authors	Chris Brooks, Philip J. Tattersall & Alison Reardon
Contact Details	253 George Town Road, Rocherlea, Tas, 7248 Email: chris.brooks@acl.com.au
Date	21 December 2023
Licence to Operate/NELMS/EPN number	EPN 694/4; EPN695/4
Responsible Person	Chris Brooks

Statement of Endorsement from Responsible Person

A signed statement must be provided by the responsible person acknowledging and endorsing the contents of this Annual Environmental Review.

ACLBCA acknowledges the traditional custodians of the land on which the Company and its surrounds are located, and pays respect to their Elders - past, present and emerging.

ACL Bearing Company (Australia) Pty Ltd (ACLBCA) has a major export focus with 80% of sales revenue derived from export sales.

ACLBCA currently employs 68 Tasmanians and purchases most supplies and services from the local business community.

ACLBCA acknowledges its role as a member of the Tasmanian community and partners with several organisations. The company is committed to building a sustainable business in Launceston. Further opportunities are in development which will see the company well placed for future growth.

ACLBCA will continue to meet its EPN licence conditions as well as continuing to meet its key Environmental Commitments and has retained certification to QMS ISO 9001:2015, ISO 14001:2015 and Occupational Health and Safety Management System ISO 45001: 2018 accreditation during the 2023 surveillance audit. The company will work with tenants to ensure all requirements are met.

General Notes

1. Your Annual Environmental Review must be completed and submitted to the Director, Environment Protection Authority, within 3 months of the end of the reporting period.
2. Please note this document will be treated as a publicly available document i.e.
 1. will be made available to the public on request; and / or
 2. may be referenced in the EPA Division's Annual Report; and/ or
 3. may be published on the EPA Division's webpage.
3. An electronic copy of this form is available from EnvironmentEnquiries@environment.tas.gov.au
4. All sections must be completed or marked "n/a" where applicable.
5. Include data from previous years where available to compare outputs and progress.

Please email the completed report to:

Director.EPA@environment.tas.gov.au

or post it to:

The Director

Environment Protection Authority

GPO 1550

HOBART TAS 7000

Permit/EPN and Activity Details

Permit/EPN Holder

Responsible Person identified in Permit/EPN: Chris Brooks

Trading Name: ACL Bearing Company (Australia) Pty Ltd

ACN Number: 601 696 048

Postal Address of responsible person: ACL Bearing Company (Australia) Pty Ltd, PO Box 1088, Launceston, Tasmania 7250

Phone Number of responsible person: +61 3 63 260 510

Email Address of responsible person: chris.brooks@acl.com.au

Activity / Activities to which this Report Relates

PERMIT

Reference Number	Permit number 3840; 3841
Date of Issue	January 24 th 1996

EPN

EPN Numbers	694/4; 695/4
Date of Issue	April 15 th 2013; Amended September 9 th 2015, Issued Feb 7 th , 2018
Activity Description ¹	Ferrous & non-ferrous metal melting. Manufacturer of engine bearings and bearing materials. Manufacturer of metal powder (by a third party onsite).
Activity Name (if any)	Automotive parts manufacturer
Activity Address	253 George Town Road, Rocherlea 7248
Contact Person	Alison Reardon & Philip Tattersall

Note

In some cases, several planning permits and / or EPNs may exist in relation to a Level 2 Activity as defined in Schedule 2 of the *Environmental Management and Pollution Control Act 1994* (EMPCA). Details are required in relation to each permit or EPN issued for the activity.

Activity Details

Provide a summary of operations over the reporting period and the quantities processed as defined in Q1 or Processing Capacity of the relevant permit.

ACL Bearing Company (Australia) Pty Ltd operates at the Plant 1 Mowbray (EPN 694/4) site and the Plant 2 Rocherlea (EPN 695/4) site recommenced from July 2015. ACLBCA is a tenant of Mowbray Lands No.1 Pty Ltd & Rocherlea Lands No.1 Pty Ltd respectively.

The previous Plant 3 operations site at Rocherlea, has been sold to Boyd Bare Property Pty Limited. HB Engineering (Tas) Pty Ltd a related entity tenant operated the site & is covered by the existing ACLBCA EPN.

The Plant 4 on the Rocherlea site is owned by Rocherlea Lands No.1 Pty Ltd & tenant ACL Metal Powders (Holdings) Pty Ltd conduct non ferrous metal powder manufacturing operations in the plant. This operation is covered by the existing ACLBCA EPN.

Total employee numbers (Plant 1 Mowbray and Plant 2 Rocherlea) are currently at 68, made up of 22 casuals, 8 part-time and 38 permanent full-time staff.

Production over the past 12 months has included:

Plant 1 (Mowbray) Bimetal Division: Copper lead strip production in the sinter operation amounted to 157,466 kg. Operation of the Babbit line has now ceased.

Plant 2 (Rocherlea) Bearing Division: The total number of bearings machined and/or plated was 3,223,340. This includes 102,618 aluminium, 25,355 babitt and 3,095,367 copper lead on steel. Mass of largest bearing is 65g so total production < 209,517 Kg.

ACL Metal Powders (Holdings) Pty Ltd(previously known as Plant 4 Rocherlea) Powder Production: 330,000 kg of copper-lead and bronze alloy of which we purchased 25,280 kg. Note: The buildings (in which Recycal operate ACL Metal Powders Australia) are owned by Rocherlea Lands No.1 Pty Ltd & there is a licence to ACL Bearing Company (Australia) Pty Ltd for the know-how. ACL Metal Powders Australia are a tenant to Rocherlea Lands No. 1 Pty Ltd.. At this time ACL Bearing Company (Australia) Pty Ltd is responsible for the EPN conditions at the Rocherlea site which of course includes the ACL Metal Powders Australia operation.

HB Engineering (previously known as ACL Plant 3 Rocherlea) are an engineering construction company. Their stormwater is linked into our system, prior to the point where we sample.

Provide a description of significant environmental aspects including types of materials processed and sources of environmental outputs including wastewater, noise, solid waste, air and odour emissions.

Plant 1 (Mowbray site - (EPN 694/4))

- The sintering operation has been ongoing during the past 12 months. Resources used in the process include energy, steel, alloys of copper, tin and lead and LPG. Key outputs include sintered alloy on steel strip, wastewater, scrap metals, heat, and carbon dioxide.
- Casting of metallic anodes will cease during calendar year 2024 and be outsourced.

Plant 2 (Rocherlea site (EPN 695/4))

- Production at the Plant 2 facility involves metal machining and electroplating of engine bearings. Outputs include finished plated and machined bearings, wastewater, heat, scrap, trichloroethylene loss to evaporation and electroplating sludge and filters. ACL Metal Powders (owned by Recycal) produce copper-lead-tin alloy powders with the additional output of waste crucibles.
- Several waste types were disposed of during the reporting period;
 - On behalf of Ecocycle, Recycal was contracted to remove a total of 11,053kg of electroplating sludge in 10 IBC containers. The waste was destined to be processed at the Ecocycle site in Victoria. Picked up by Ecocycle on Feb. 14th, 2023.
 - Concrete encapsulated waste filters (11,240kg) were taken to Launceston Waste Centre during September for deep burial (total mass including concrete).
 - Waste garnet from the water jet cutter (2350kg) was sent to Copping on Aug. 23, 2023, whilst a batch received approved for deep burial at Launceston Waste Centre (1280kg as weighed at the Waste Centre gate) disposed on June 1st, 2023.
 - Waste from grinding the wall surface (250Kg) of the wastewater treatment pits D & E, in preparation for recoating, was sent to Copping on Aug. 14, 2023.
- Currently trichloroethylene is used in the process, to clean the bearings before they enter the electroplating line. An elimination project is underway, to develop a suitable process using an aqueous based product.

Annual Environmental Review

1 Complaints received

Subject to the *Personal Information Protection Act 2004*, a list of all complaints received from the public during the reporting period concerning actual or potential environmental harm or environmental nuisance caused by the activity and a description of any actions taken as a result of those complaints.

Note: Complainants' personal details must be removed as required under the *Personal Information Protection Act 1994*

An indirect complaint regarding asbestos roofing at the Mowbray facility was received via Worksafe on 4/1/23 (refer EIR 1:009).

2 Changes

Details of environment-related procedural or process changes that have been implemented during the reporting period.

None

3 Wastes

A summary of the amounts (kilograms, tonnes or litres) of both solid and liquid wastes produced and treatment methods implemented during the reporting period. Initiatives or programs planned to avoid, minimise, re-use, or recycle such wastes over the next reporting period should be detailed.

While it is expected that total waste going forward will be significantly less than that generated prior to the company restarting, our aim is to further develop our waste minimization strategy as part of our overall waste management strategy.

Metal to recycler					
Steel (tons)	Lead Alloy on Strip & bearings (tons)	Aluminium alloy (bearings, swarf and on steel) (tons)	Copper alloy (swarf and on steel) (Tons)	Copper alloy (strip and bearings) (tons)	Other (contaminated steel/copper. Anode/sludge/dross) (tons)
19.963	0.334	1.021	34.31	34.731	11.060

Controlled waste disposals					
Asbestos Kg	PCB's Kg	Synthetic Fibre (Kg)	Plating sludge (kg)	Encapsulated waste crucibles (Kg)	Encapsulated waste filter papers (Kg)
Small amounts of asbestos material were disposed of during the reporting period	No Disposal	No Disposal	11053	Nil ²	11240

Resurfacing waste from wastewater treatment pits (Kg)	Waste Garnet from waterjet cutter (Kg)
250 to Copping	2350Kg to Copping 1280Kg to LCC

Waste Oils and solvents to recycler			
Steam Clean Pit & *Oil Store Pit (litres)	Soluble oil coolant (litres)	Waste Oil (litres)	Floor cleaners and washings (litres)
6100	2000	0	7600

Solid Waste Disposals			
Cardboard (m³)/(T)	General waste (m³)/(T)	Hydrocarbon waste (tons)	Security Shredding (m³)
2.27T	5.88 T	0.10	1

² Crucibles stored securely at the ACL Metal Powders (Holdings) Pty Ltd plant on the Rocherlea site.

4 Non-compliance and Incidents

Details of all non-trivial environmental incidents and/or incidents of non-compliance with Permit or Environment Protection Notice conditions that occurred during the reporting period, and any mitigative or preventative actions that have resulted from such incidents.

ACLBCA identified two reportable incidents during the reporting period. Reportable and non-reportable internal incidents are provided below. ACLBCA operates an Environmental Incident reporting program that mandates the immediate investigation and reporting of all environmental incidents and near misses. All such reports generate a Root Cause investigation to establish the cause of the incident and introduce actions required to prevent a recurrence. In this reporting period there has been ongoing monitoring and rehabilitation work in relation to Protection Notices 9406/1 and 9394/1, issued by the EPA in March 2016.

Minor incidents

During the reporting period there were 9 **minor non-reportable** incidents which included:

EIR 1-009: Investigation of asbestos concern at the Mowbray factory. Report prepared for Worksafe. An expert engaged by ACL to report on state of factory roof – no issue. Matter closed out.

EIR 2-0042: Diesel fuel accidentally placed in detergent section of steam clean unit.

EIR 2-0043: Plastic corflute sheet placed in TCE unit. Approximately 100mL TCE spilt onto overlay floor. Corflute isolated from workplace and TCE mopped up with absorbent.

EIR 2-0044: Connection fitting for acceptance of hydrochloric acid deliveries failed due to fatigue. Discovered during routine inspection.

EIR 2-0045: An amount of TCE was collected in the water separator overflow container. TCE isolated and contained.

EIR 2-0046: Forklift hydraulic line leak. Oil soaked up with absorbent and isolated.

EIR 2-0047: One litre of hydraulic oil spilt from airborne. Absorbed into oil pads and isolated.

EIR2-0048: (plant 1 Sinterline) recirculation pump leak – 150L rinse water onto floor. Clean up with wet vacuum and disposed of as ‘floor washings’.

EIR 2-0049: Spill of white oil [paraffin] (approx.. 1L) onto floor in Overlay area. Cleaned up with absorbent pads.

EIR 2 -0051: Oil spill from overhead extractor in Overlay

Reportable Incidents

During the period there were two **reportable incidents**:

EIR 2-0041: Compliance issue regrading storage and labelling of waste crucibles held at the ACL metal Powders facility Rocherlea.

EIR 2-0050: Exceedance of stormwater suspended solids limit as per Rocherlea site EPN.

5 Monitoring

A summary of the monitoring data and record keeping required by these conditions. This information should be presented in graphical form where possible, including comparison with the results of at least the preceding reporting period. Special causes and system changes that have impacted on the parameters monitored must be noted. Explanation of significant deviations between actual results and any predictions made in previous reports must be provided.

EPN and Permit Monitoring Results Summary: (EPN Annual Review G6 (1.6))

Discharge to storm water: The licence conditions set out in the EPN's has been met for both sites.

Flue emissions:

Stack testing was undertaken on 15-16 February 2022, following a six-month extension due to difficulties accessing contractors arising from covid.

Mowbray site (EPN694/4): Historical data for the two nominated emission sources is presented. See Appendix 2. Note the Babbitt holding pot flue (P1.18) was not tested due to the decision being made to permanently cease production.

Rocherlea site (EPN695/4): Historical data for the emission sources (P4.08, P 4.09 & P4.10) located at the Metal Powders Australia (Plant 4) site.

Emissions to Sewer: ACL is now operating under TasWater Agreements for emission to sewer (Water and Sewage Industry Act 2008 (Sections 56ZI (2) and 61) and the Water and Sewage (General) Regulations 2009). The Taswater agreement was renewed during the period.

Noise emissions: An external noise survey will be undertaken as required and in accordance with the conditions set out under N2 of EPN 694/4 and 695/4.

6 Breaches of limits or variation of predictions

Identification of breaches of limits specified in these conditions and significant variations from predicted results contained in any relevant DPMP or EMP, an explanation of why each identified breach of specified limits or variation from predictions occurred, and details of the actions taken in response to each identified breach of limits or variance from predictions.

A result of TSS (33mg/L) in the Rocherlea stormwater was reported from a sampling undertaken on August 30, 2023 (EIR 2-0050). This is likely a result of picking up soil whilst flowing through the drainage channel.

A request has been made to move this sampling point closer to the factory.

7 Environmental improvements

A list of any issues not discussed elsewhere in the report, that must be addressed to improve compliance with these conditions, and the actions that are proposed to address any such issues.

A major refurbishment of Pits D and E of the Wastewater Treatment Plant was undertaken during Q4 2022, which included maintenance of concrete and resealing the surface with an epoxy product. This completes the refurbishment of the main wastewater treatment pits.

A project is underway for significant reduction in paper towel usage and progressive replacement with air dryers in the washrooms.

A replacement process for our Trichloroethylene (TCE) wash is now being scoped, following trials on a bench scale. This process includes an aqueous solution of a surfactant in conjunction with an ultrasonic bath.

Our energy taskforce has been investigating the purchase of solar panels for the roof at Rocherlea and this is progressing. In addition, an energy monitoring & load management system has recently been approved for purchase.

Low voltage lighting has been installed throughout the plant and office areas to assist in reducing energy usage. All factory high bay lighting has been replaced with LED fittings (approx. 400) reducing the consumption from 450 watts to 160 watts, a 64% saving in energy.

White oil is now in use to spray and dip bearings. This replaces the anticorit/turpentine mixture that was previously used. The white oil is preferred from an environment and safety perspective.

8 Environmental commitments

A summary of fulfilment of environmental commitments made for the reporting period. This summary must include indication of results of the actions implemented and explanation of any failures to achieve such commitments.

- *Commitment # 1: Maintain ISO 14001 accreditation.*
ACLBCA achieved re-certification during Mid-2023.
- *Commitment # 2: Waste sludge treatment.*
Sludge is currently sent to Recycal for recovery/treatment.
- *Commitment # 3: Improve quality of stormwater discharge.*
expressed in SW1 & SW2 of EPN 694/4 and EPN 695/4.
- *Commitment # 4: Reduce lead levels in atmospheric emissions.*
Emission control facilities are operational.
- *Commitment # 5: Gradual replacement of asbestos material.*
This program remains active and asbestos is removed as required.
- *Commitment # 6: Reduce water usage across all plants.*
This is a continued focus.
- *Commitment # 7: Meet all obligations of Environment Protection Notices.*
This is a continued focus.
- *Commitment # 8: Meet all obligations of Trade Waste Agreements.*
During the reporting period the business operated to the requirements of the agreement with TasWater. An updated Trade Waste Agreement was signed in August 2023.
- *Commitment # 9: Complete boundary noise surveys for Mowbray and Rocherlea.*
A Survey has not been required within the reporting period.
- *Commitment #10. Review of site EPN's:*
A site review was undertaken in March of 2023 with no significant corrective actions. In line with the expectations of the high standard of environmental standards and practices demanded by the EPA and ACL Bearing Company (Aust) we commit to supporting any reviews required by the EPA.

9 Community consultation

A summary of any community consultation and communication undertaken during the reporting period.

Regular engagement of locally sourced non-profit bodies, including Self Help who are engaged in maintenance projects as required. ACL is also a supporter of the Smith family, Cancer Council Tasmania, Racing with Autism Australia, PCYC, Save the Tasmanian Devil Fund, Christmas in Rocherlea. The company also has significant Motorsport sponsorships & partnerships both domestically & internationally.

10. Additional Commitments

Adherence to Environmental Management Plan (EMP) &

Development Proposal and Environmental Management Plan (DPEMP)

Provide the following information:

A statement regarding the fulfilment of any environmental commitments contained in the EMP and/or DPEMP.

As discussed in Section 8 above, a number of EMP Commitments are still active and have progressed during the reporting period.

The requirements set out in the Site Management Notices 9406/1 and 9394/1 continue to be adhered to.

Provide an explanation for commitments which were not, or only partially, fulfilled.

The medium-term commitment to reducing lead based³ bearing production is not seen as a high priority, especially in the light of the strong demand for our core high performance Race Series product. That said, we encourage an ongoing dialogue with all stakeholders regarding efforts to reduce reliance on lead-based materials where possible. Due to the necessity of handling leaded alloys ACL has addressed both Environmental and Health risks by rigorous testing and ensuring that results compliance is at levels well in advance of anticipated regulatory requirements. Regular qualitative surface testing for lead is undertaken. A program of regular cleaning using HEPA filter, H class vacuums and a floor washer is in place. D-Lead products are used for cleaning surfaces, PPE, hands and clothing where appropriate. Staff working in lead areas undergo lead in blood testing and are provided with appropriate respiratory protections and training.

Where the EMP and/or DPEMP contain predictions based on modelling, provide an evaluation of measured data against predictions. If relevant, provide an overview of significant variations from predicted results in relation to modelled scenarios; an explanation of each identified variation; and details of the actions taken in response to each identified variance from predictions. **N/A**

³ Bearing material as plated alloy, sintered product or traditional 'Babbitt' alloy.

Appendix 1. Storm water data (Mowbray and Rocherlea sites) [includes historical]

Mowbray site

Mowbray Storm Water Analysis Results (mg/l)							
Date	Analysist	Location	Flow (l/h)	Cu	Pb	TSS	Oil & Grease
Specs (Emissions to inland waters)				1	1	30	10
Specs (EPN - Oct 2003)				1	1	30	10
11/02/2019	ALS	South Drain	900	0.036	0.043	<5	<5
14/05/2019	ALS	South Drain	900	0.014	0.014	<5	<5
26/11/2019	ALS	South Drain	900	0.018	0.013	<5	<5
13/05/2020	ALS	South Drain	900	0.012	0.013	<5	<5
12/08/2020	ALS	South Drain	900	0.044	0.014	<5	<5
7/12/2020	ALS	South drain	900	0.011	0.016	<5	<5
25/02/2021	ALS	South Drain	900	0.015	0.012	<5	14
31/08/2021	ALS	South Drain	901	0.034	0.005	<5	<5
4/05/2022	ALS	South Drain	900	0.013	0.012	6	<5
30/08/2022	ALS	South Drain	900	0.016	0.016	<5	<5
28/03/2023	ALS	South Drain	900	0.008	0.012	<5	<5
30/08/2023	ALS	South Drain	900	0.012	0.029	7	<5

Rocherlea site

Date	Analysis	Location	Flow (l/h)	Cu (mg/L)	Pb (mg/L)	Suspended Solids (mg/L)	Total Petroleum Hydrocarbons (mg/L)	Oil & Grease
Specs (EPN - Feb 2018)				1	1	30	10	
11/02/19	ALS	NW pit	12000	0.088	0.018	7		6
14/05/19	ALS	NW pit	12000	0.033	0.005	<5		<5
26/11/19	ALS	NW pit	12000	0.089	0.037	10		<5
6/04/2020	ALS	NW pit	12000	0.054	0.018	<5		<5
13/08/2020	ALS	NW pit	12000	0.042	0.013	28		<5
7/12/2020	ALS	NW pit	12000	0.063	0.026	<5		<5
25/02/2021	ALS	NW Pit	12000	0.364	0.253	30		<5
31/08/2021	ALS	NW Pit	12000	0.011	0.012	<5		<5
04/05/22	ALS	NW Pit	12000	0.043	0.017	19		<5
27/10/2022	ALS	NW Pit	12000	0.09	0.017	26	0.180	<5
28/03/2023	ALS	NW Pit	12000	0.043	0.014	26	<0.050	7
30/08/2023	ALS	NW Pit	12000	0.048	0.015	33	<0.050	13

Appendix 2. Flue and Stack results

Stack and Flues Mowbray site - Historical									
Code	Identification	Test	Particulates	Antimony	Cadmium	Lead	Mercury	Cd+Pb+Sb+Hg	Cd+Pb+Sb+Hg
No.		Date	(mg/m3)	(mg/m3)	(mg/m3)	(mg/m3)	(mg/m3)	(mg/m3)	EPN Limit
EPN investigation limit			100	5	5	5	1	5	(mg/m3)
P1.18	Babbitt line holding pot	8/95	3.47	0.0600	0.0030	0.2270	0.0000	0.29	5
		11/01	18.50	14.9000	0.0030	1.3200	0.0019	16.22	5
		11/04	2.90	1.8777	0.0000	1.2159	0.0005	3.09	5
		3/08	33.2	0.768	0	2.367	0.00769	3.14269	5
		10/11	6.2	0.19	0	0.048	0	0.238	5
P1.24	Sinterline furnace - entry end	8/95	0.00	0.4200	0.0020	1.2500	0.4200	2.09	5
		9/01	1.03	0.0048	0.0015	1.6510	0.0000	1.66	5
		2/05	2.20	0.0058	0.0003	1.2790	0.0000	1.29	5
		7/08	1.60	0.0000	0.0000	1.7990	0.0000	1.80	5
		10/11	2.00	0.0010	0.0010	0.8600	0.0000	0.86	5
P1.25	Sinterline furnace - exit end	8/95	0.37	0.0000	0.0000	0.0000	0.0000	0.00	5
		9/01	0.28	0.0048	0.0005	0.1570	0.0001	0.16	5
		9/05	0.23	0.0048	0.0005	0.1290	0.0000	0.14	5
		7/08	4.50	0.0048	0.0000	0.0520	0.0000	0.05	5
		10/11	2.00	0.0036	0.0008	0.0800	0.0000	0.08	5
2017 Results – Mowbray and Rocherlea sites									
Code	Identification	Test	Particulates	Antimony	Arsenic	Lead	Tin	Comments	
No.		Date	(mg/m3)	(mg/m3)	(mg/m3)	(mg/m3)	(mg/m3)		
EPN investigation Limit EPN (694/3 and 695/3)			100	5	5	5	5		
P1.18	Babbitt line holding pot							Process operates on an infrequent basis. Testing will be conducted during a future volume production run.	
P1.24	Sinterline entry end	4/17	<2	<0.005	<0.002	0.39	0.0035		
P1.25	Sinterline exit end	4/17	<1	<0.004	<0.002	0.11	<0.003		
P4.08	Green Baghouse (873)	4/17	<2	<0.005	<0.002	0.092	0.011		
P4.09	White baghouse (1403)	4/17	<2	<0.005	<0.002	0.016	0.0031		
P4.10	Grey baghouse (5034)	4/17	<1	<0.004	<0.002	0.0047	0.0019		

2019 Stack Test Round								
Code	Identification	Test	Particulates	Antimony	Arsenic	Lead	Tin	Comments
No.		Date	(mg/m3)	(mg/m3)	(mg/m3)	(mg/m3)	(mg/m3)	
EPN investigation Limit EPN (694/4 and 695/4)			100	5	5	5	5	
P1.18	Babbitt line holding pot	N/A	N/A	N/A	N/A	N/A	N/A	Line not producing
P1.24	Sinterline entry end	22/8/19	<2	<0.005	<0.002	0.690	0.0190	Total metals <0.72
P1.25	Sinterline exit end	22/8/19	<2	<0.006	<0.002	0.190	0.0150	Total metals <0.21
P4.08	Green Baghouse (873)	21/8/19	<3	<0.007	<0.003	0.0240	0.0120	Total metals <0.05
P4.09	White baghouse (1403)	21/8/19	<2	<0.006	<0.003	0.0061	0.0062	Total metals <0.02
P4.10	Grey baghouse (5034)	21/8/19	<2	<0.006	<0.002	0.0026	0.0060	Total metals <0.02
2022 Stack Test Round								
P1.24	Sinterline entry end	16/2/22	<2	<0.009	<0.002	0.44	<0.002	Total Metals <0.45
P1.25	Sinterline exit end	16/2/22	<3	<0.01	<0.004	0.079	<0.004	Total Metals <0.1
P4.08	Green Baghouse (873)	15/2/22	3.4	<0.01	<0.003	0.23	0.028	Total Metals <=0.27
P4.09	White baghouse (1403)	15/2/22	<3	<0.01	<0.004	0.022	<0.004	Total Metals <0.04
P4.10	Grey baghouse (5034)	15/2/22	<2	<0.009	<0.003	0.019	<0.003	Total Metals <0.03