



# Analysis and Testing Report - Walker Quarries Monthly Surface Monitoring, January 2024

Report To: Wayne Chapman

Address: Lot 6 Great Western Highway,  
Wallerwang NSW 2845

Report On: Walker Quarries  
Monthly Surface Monitoring, January 2024

Report No: 2400-7420-01

Report Status: Final Report

Date Sampled: 10/01/2024


Unique ID of Sample(s): As per Result tab

Sampled By: B. Collins & C. Bulkeley

Testing & Analysis Requirements: Client Instructions

Report Prepared By: Trudie MacPhee

Date Reported: 17/01/2024

Reported By :   
Adriana Hernandez  
Environmental Project/Quality Officer -  
Lithgow NSW

**These reported results only relate to the items sampled and tested.**

Sampling performed by: ACIRL Lithgow NSW NATA Accreditation No. 15784, Site No. 11436 in accordance with AS Standards listed on Page 3.



## Analysis and Testing Report- Walker Quarries Monthly Dust Monitoring

	Units				
Date of Sample		10/01/2024			
Report On:		2400-7420-01			
ALS Sydney Report No.		ES2400878			
Site Reference		<b>SD3</b> Cox river D/S	<b>SD4 U/S</b>	<b>SD1</b>	<b>SB2</b>
Sampled by		B. Collins & C. Bulkeley			
General Comments/ Observations		Clear	Clear	Cloudy, as per clients request	Clear, as per clients request
pH	pH Unit	8.5	7.6	6.7	6.6
Electrical Conductivity	µS/cm	656	498	297	108
Turbidity	NTU	4	2	160	90
Suspended Solids SS	mg/L	6	<5	69	34
Sulfate (Turbidimetric) as SO4					
Sulfate as SO4 - Turbidimetric	mg/L	153	113	75	20



## Analysis and Testing Report- Walker Quarries Monthly Dust Monitoring

### METHODS OF ANALYSIS

Tests for results issued in this report have been carried out at the following NATA accredited laboratories in accordance with the methods as detailed below:-

TEST	METHOD	ACIRL Lithgow NATA Accreditation #11436	Measure of Uncertainty
Electrical Conductivity uS/cm	CBM-E006	APHA 2510 B	2.0%
pH value	CBM-E005	APHA 4500 H	0.10 pH Units

The remaining analysis performed at ALS Environmental, 277-289 Woodpark Rd, Smithfield, NSW 2164.

Low yielding bores have been purged to dryness, otherwise bores purged to constant Electrical Conductivity

Report No: 2400-7420-01  
ALS REPORT NO: ES2400878

Samples were analysed in accordance with the following Australian Standards or equivalent:

Australian Standards AS/NZS 5667.1	Description Part 1: Guidance on the design of sampling programs, sampling techniques and the preservation and handling of samples
ISO 5667-3 AS/NZS 5667.11	Part 3: Preservation and handling of water samples Part 11: Guidance on sampling of ground waters