



**ALS AIRBORNE DUST AND WATER  
ANALYSIS AND TESTING REPORT**

**REPORT TO:** Walker Quarries

**REPORT ON:** Walker Quarries

Discharge Water Results

22-3-17

**REPORT NO:** 24005992-01

**SAMPLED BY:** ALS Staff

**REPORTED BY:** Jess Leard

**REPORT DATE:** 29-March-2017



Accreditation # 15784  
Site # 11436

Accredited for compliance with ISO/IEC 17025.

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**ALS WATER  
ANALYSIS AND TESTING REPORT**



**WALKER QUARRY**

		Units	
ALS Sydney Report No.		ES1706900	
Date of Sample		22/03/2017	
Site Reference		Main Storage Dam	Road Dam
Sampled by		Client	
General Comments/ Observations		Cloudy	Cloudy
Time	24 Hr	8:45	8:00
pH	pH Unit	8.53	8.34
Electrical Conductivity	µS/cm	46	19
Total Suspended Solids	mg/L	120	58
Sulphur Sulphate (SO4 )	mg/L	1	1
<b>Dissolved Metals by ICP-MS</b>			
Manganese	mg/L	0.033	0.030
Iron	mg/L	0.09	0.1
Oil & Grease	mg/L	<5	<5

# ALS AIRBORNE DUST AND WATER ANALYSIS AND TESTING REPORT

## 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:-

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24005992-01

### WATER

TEST	METHOD	LABORATORY	
		ACIRL Lithgow NATA Accreditation #11436	ALS Sydney NATA Accreditation # 825
Electrical Conductivity uS/cm	CBM-E006	X	
pH value	CBM-E005	X	
Total Dissolved Solids	CBM-E007	X	
Total Suspended Solids (mg/l)	CBM-E008	X	
Total Oil & Grease	EP020		X
Manganese	EG020F		X
Iron	EG020F		X
Sulfate (mg/l)	ED014G		X

In accordance with "Standard Methods for the Examination of Water & Wastewater" APHA, AWWA, and Water & Wastewater Examination Manual (V. Dean Adams)

Preservation procedures in accordance with AS/NZS 5667/1 when sampled by ACIRL staff unless otherwise stated.