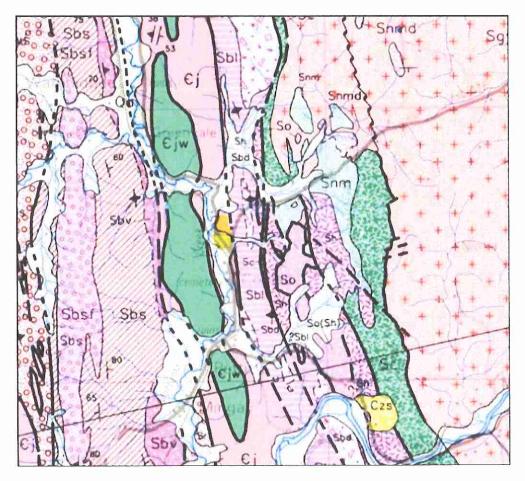
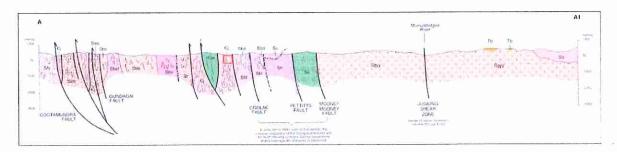
Appendix G
Portable Water Supply Details

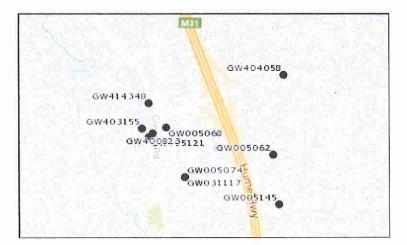
Geology in the vicinity of the propose Coolac service centre (Yellow highlighted area is the location of the proposed service centre).



A geological cross section of the area of the proposed service centre, with the approximate location of the service centre shown in the red box.



The location of existing bores in the vicinity of the proposed service centre





CERTIFICATE OF ANALYSIS

Page

: 1 of 4

:ES1717326 DM MCMAHON PTY LTD Contact Laboratory Customer Services ES Environmental Division Sydney

Client

Work Order

Address Contact MR DAVID MCMAHON 4a Norton Street Wagga Wagga NSW, AUSTRALIA 2650 Address 277-289 Woodpark Road Smithfield NSW Australia 2164

Order number Project Telephone 02 6931 0510 Allspec and Partners Date Analysis Commenced Date Samples Received Telephone

Quote number Sampler C-O-C number DAVID MCMAHON 4569 SYBQ/516/16 Issue Date

: 13-Jul-2017 : 19-Jul-2017 17:16 13-Jul-2017 14:00 +61-2-8784 8555 Accredited for compliance with ISO/IEC 17025 - Testing

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. This document shall not be reproduced, except in full.

This Certificate of Analysis contains the following information:

General Comments

No. of samples analysed No. of samples received

··· ··

Analytical Results

Quality Review and Sample Receipt Notification. Additional information pertinent to this report Will be found 5 the following separate attachments: Quality Control Report, QA/QC Compliance Assessment to assist with

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is carried out in compliance with procedures specified in 21 CFR Part 11.

Inorganic Chemist Sydney Inorganics, Smithfield, NSW Inorganic Chemist Sydney Inorganics, Smithfield, NSW

ALS

Page : 2 of 4
Work Order : ES1717326
Client : DM MCMAHON PTY LTD
Project : Allspec and Partners

General Comments

developed procedures are employed in the absence of documented standards or by client request. The analytical procedures used by the Environmental Division have been developed from established internationally recognized procedures such as those published by the USEPA, APHA, AS and NEPM. In house

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

When no sampling time is provided, the sampling time will default 00:00 on the date of sampling. If no sampling date is provided, the sampling date will be assumed by the laboratory and displayed in brackets without a

Where a result is required to meet compliance limits the associated uncertainty must be considered. Refer to the ALS Contact for details

Key: CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society. LOR = Limit of reporting

ø = ALS is not NATA accredited for these tests.

A = This result is computed from individual analyte detections at or above the level of reporting

~ = Indicates an estimated value

It has been noted that Nitrite is greater than NOx for sample 2, however this difference is within the limits of experimental variation.

Page Work Order Client

Project 3 of 4 ES1717326 DM MCMAHON PTY LTD Allspec and Partners

Analytical Results

Sub-Matrix: WATER		Clie	Client sample ID	Cottage	Main Bore			-
Carrento and the state of the s	Clie	nt samplii	Client sampling date / time	10-Jul-2017 13:15	10-Jul-2017 13:40	and the second		- Here
Compound	CAS Number	LOR	Unit	ES1717326-001	ES1717326-002			
				Result	Result	1		
EA005P: pH by PC Titrator								
pH Value		0.01	pH Unit	8.19	7.81			Line:
EA010P: Conductivity by PC Titrator								
Electrical Conductivity @ 25°C	1	٦	µS/cm	1300	985		1	1
EA015: Total Dissolved Solids dried at 180 ± 5 °C	80 ± 5 °C							200
Total Dissolved Solids @180°C		10	mg/L	825	496		Lagra	1
EA020EC: Salinity								
Salinity		0.01	g/kg	0.60	0.50			-
ED037P: Alkalinity by PC Titrator								
Hydroxide Alkalinity as CaCO3	DMO-210-001	_	mg/L	2	Δ	•	THE COLUMN TWO IS NOT	
Carbonate Alkalinity as CaCO3	3812-32-6	-	mg/L	_	Δ		-	-
Bicarbonate Alkalinity as CaCO3	71-52-3		mg/L	534	435			
Total Alkalinity as CaCO3		1	mg/L	534	435	****	1	1
ED041G: Sulfate (Turbidimetric) as SO4 2- by DA	2- by DA							
Sulfate as SO4 - Turbidimetric	14808-79-8	-3	mg/L	13	9	****		-
ED045G: Chloride by Discrete Analyser								SACAL MANAGEMENT
Chloride	16887-00-6	_	mg/L	74	39	1		2202
ED093F: Dissolved Major Cations								
Calcium	7440-70-2	_	mg/L	39	40		1	1
Wagnesium	7439-95-4	_	mg/L	75	53	1		1
Sodium	7440-23-5	_	mg/L	000	64			1
Potassium	7440-09-7	-	mg/L	Δ	4		Alme	1
EG020T: Total Metals by ICP-MS								THE RESERVE
Silver	7440-22-4	0.001	mg/L	<0.001	<0.001	1		****
Arsenic	7440-38-2	0.001	mg/L	<0.001	<0.001		TANK.	- Annual Property Control of the Con
Boron	7440-42-8	0.05	mg/L	<0.05	<0.05			-
Barium	7440-39-3	0.001	mg/L	0.061	0.036			
Cadmium	7440-43-9	0.0001	mg/L	<0.0001	<0.0001	***	1	
Chromium	7440-47-3	0.001	mg/L	<0.001	<0.001	-		1
Copper	7440-50-8	0.001	mg/L	0.044	0.002	-		i
Manganese	7439-96-5	0.001	mg/L	<0.001	<0.001	1		į
Molybdenum	7439-98-7	0.001	mg/L	<0.001	<0.001	1		
Nickel	7440-02-0	0.001	mg/L	<0.001	0.002	****	ajanta.	
Lead	7439-92-1	0.001	mg/L	<0.001	<0.001			-
Antimony	7440-36-0	0.001	mg/L	50.001	70:001		a second	ocustor.



: 4 of 4
ES1717326
DM MCMAHON PTY LTD
Allspec and Partners

Analytical Kesults	Clien	Client sample ID	Cottage	Main Bore	- Marie	1	
Sub-Matrix: WATER				200			4
(Waddx: SVA I Liv)	Client sampling date / time	date / time	10-Jul-201/ 13:15	10-301-2011 10: 00			
	OR LOR	Unit	ES1717326-001	ES1717326-002	Control of the Contro		1
Compound	CAS Number		Result	Result	1		
EG020T: Total Metals by ICP-MS - Continued	7782 49 2 0.01	mg/L	<0.01	<0.01			
Selenium	7.07.70						
EG035T: Total Recoverable Mercury by FIMS		ma/L	<0,0001	<0.0001	****		
Mercury	1400-01-0						
EK025G: Free cyanide by Discrete Analyser		mo/l	<0.004	<0.004		*****	
Total Cyanide	5/-12-0.00	6					
EK040P: Fluoride by PC Titrator			0.4	0.5			
Fluoride	16984-48-8 0.1	mg/L	404				
EK057G: Nitrite as N by Discrete Analyser		ma/l	<0.01	<0.01	1		
Nitrite as N	14797-65-0 0.01	r.					
EK058G: Nitrate as N by Discrete Analyser			45 4	10.9			
Nitrate as N	14797-55-8 0.01	mg/L	14.74				101-41-
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser	Discrete Analyser			10.9	1		-
Nitrite + Nitrate as N	0.01	mg/L	12.4				
To Dolongo							-
EN055: Ionic Balarice	0.01	meq/L	13.0	9.90			
Total Anions		meg/L	11.9	8.71		A. C.	
		100000000000000000000000000000000000000		000	-		

Ionic Balance

