

APPENDIX J

Field Data Sheets



GROUNDWATER SAMPLING FIELD DATA

P: 02 8964 60 E: info@geoer www.geoenvir	45 ivironmental.com ronmental.com.au	.au J		Purged or	07/09	/201	W	ELL ID:	E	3H1	
				ROJECT IN							
PROJECT N	AME: St	age 1 and 2 E	SA	F	PROJECT NUM	BER:	E1	14002RED			
OCATION /	SITE: 17	75-177 Clevela	and St, Redfe	edfern NSW CLIENT: Krikor Simonian							
				WELL	DETAILS						
WELL DIAM	ETER (mm): 50)mm	WELL SCF	REEN INTERVA	L (m): 3.2 – 7.2	m	CASII	NG STICK	UP (+) / DOWI	N (-) m: No	
CONDITION Damage: YES (Comments Below): Well ID Visible: YES							Water Around Well: Water Between PVC and Gatic/ Monument:				NO NO
				WELL MEA	SUREMEN	ITS				Smal	lam
STATIC WA	TER LEVEL (S	WL): 4.2	Zlm			m B	тос	or m BGl	L <u>or</u> m BTOI	М	
FREE PROD	DUCT:	Yes or	No		Thickness (n	n):					
TOTAL DEP	TH OF WELL (TD): 7.2m				m B	TOC	or m BGI	L <u>or</u> m BTO	М	
			PURGI	NG DETAIL	S / OBSEF	RVAT	IONS		1		
MET	HOD:	Bladder Pump	p Peristal	tic High Volu	ıme Pump	Foot Val	ve	Bailer	Other:		
DATE: 07/05/2014			WATER LEVEL AFTER PURGE:			4.5 W 2014			C / mBGL / mB		
MAX. DRA	WDOWN (m)			INTAKE	DEPTH:	· in		, ,	mBTO	C / mBGL / mB	BTON
TIME	CUMUL. VOLUME PURGED	PUR RA		DO (mg/L)	E.C. mS/cm <u>or</u> μS/cm	(sta	pH andard nits)	Redox (mV)	TEMF		JRB, TUs)
	(Litres) Equilibrium Re	equirements		± 10 %	± 3 %	_	0.05	± 10	± 0.2	1	
15:18				3-18	786		57	143	23.	1	
15:21				2,00	787		11	140	23.		
15:24				1.79	789	7.	99	140	22.	3	
			<i></i>								
				-9	3		•				_
			RI	ECHARGE	OBSERVA	HON	S			1	
	Slow (8	0% recharge	> 2 Hours)	3.7			Fast (8	30% rechar	ge < 2 Hours)		
				SAMPLI	NG DETAIL	S			*		
METHOD: Bladder Pum		p Peristaltic High Volume		olume Pump	Foot V	/alve	Bailer	Othe	er:	1	
DATE & TIME: 08/02		15:15		WATER	WATER LEVEL (m)		4.28	mBTO	mBTOC / mBGL / mBT		
Or tivil EE 15.		JL08 Lubble			Split Dup	Blind Replicate ID: Split Duplicate ID:				901.00	DP.
FINAL MATER QUALITY		DO (mg/L)) n	E.C. nS/cm <u>or</u> μS/cm	pH (standard u	units)		edox mV)	TEMP.	TUF (NTI	
READINGS: (mg/		_		789	5.00		14	0	22.8		
		1. (1	101	2.0	1					

NOTES: m BTOC = metres Below Top of Casing / m BGS = metres Below Ground Surface / m BTOM = metres Below Top of Monument

GEE PERSONNEL: S. McCormack

SIGNATURE:



GROUNDWATER

SAMPLING FIELD DATA P: 02 8964 6045 E: info@geoenvironmental.com.au BH₃ WELL ID: www.geoenvironmental.com.au PROJECT INFORMATION PROJECT NUMBER: E14002RED Stage 1 and 2 ESA PROJECT NAME: Krikor Simonian 175-177 Cleveland St. Redfern NSW CLIENT: LOCATION / SITE: **WELL DETAILS** CASING STICK UP (+) / DOWN (-) m: No WELL SCREEN INTERVAL (m): 3.9 - 7.4m WELL DIAMETER (mm): 50mm YES (NO) YES NO Well Locked: YES (NO) Water Around Well: Damage: CONDITION YES / NO (Comments Below): Water Between PVC and Gatic/ Monument: NO Cap on PVC: (YES /)NO Well ID Visible: YES WELL MEASUREMENTS m BTOC or m BGL or m BTOM STATIC WATER LEVEL (SWL): Thickness (m): No FREE PRODUCT: Yes or or m BGL or m BTOM m BTOC TOTAL DEPTH OF WELL (TD): 7.4m **PURGING DETAILS / OBSERVATIONS** Bailer High Volume Pump Foot Valve METHOD: Bladder Pump Peristaltic 4.15mon mBTOC / mBGL / mBTOM WATER LEVEL AFTER PURGE: DATE: mBTOC / mBGL / mBTOM INTAKE DEPTH: MAX. DRAWDOWN (m) CUMUL DO E.C. Redox TEMP. TURB VOLUME (standard PURGE (mg/L) mS/cm or TIME (mV) (°C) (NTUs) **PURGED** RATE μS/cm units) (Litres) ± 0.05 ± 10 ± 0.2 Equilibrium Requirements ± 10 % ±3% 970 4.64 186 14:58 23.3 2.74 2.35 973 23. 13:01/3:06 **RECHARGE OBSERVATIONS** Fast (80% recharge < 2 Hours) Slow (80% recharge > 2 Hours) SAMPLING DETAILS

METHOD:	Bladder Pump F	Peristaltic High Volu	me Pump Foot	Valve Baile	er Other	
DATE & TIME:	08/05/20	014	WATER LEVEL	(m) 4.15	5 м мвтос	/ mBGL / mBTOM
CAMPLE ID.	TI 080611	02	Blind Replicate I	D:		
SAMPLE ID:	JL 080514 container au	ad wyside down but	Split Duplicate II	D:		
FINAL WATER QUALITY	DO (mg/L)	/ E.C. mS/cm <u>or</u> μS/cm	pH (standard units)	Redox (mV)	TEMP. (°C)	TURB, (NTUs)
READINGS:	2.74	970	4.64	186	23.3	
DESCRIPTION:	Colour .	Turbidity:		Odour:	Other	

PURGE VOLUME CALCULATOR:

Length of Water Column (m) = TD (m) - SWL (m) =

One Well Volumes (L) = Length of Water Column x 2 (50mm Dia.) or 7.8 (100mm Dia.) =

Three Well Volumes (L) =

NOTES: m BTOC = metres Below Top of Casing / m BGS = metres Below Ground Surface / m BTOM = metres Below Top of Monument

GEE PERSONNEL: S. McCormack

SIGNATURE

Revision Date: 30 August 2010



GROUNDWATER SAMPLING FIELD DATA

WELL ID:

BH₅

LANE COVE NSW 2066 P: 02 8964 6045

E: info@geoenvironmental.com.au www.geoenvironmental.com.au

T INFORMATION

PROJECT NAME:

Stage 1 and 2 ESA

PROJECT NUMBER:

E14002RED

LOCATION / SITE:

175-177 Cleveland St, Redfern NSW

CLIENT:

Krikor Simonian

WELL DETAILS

WELL DIAMETER (mm): 50mm

WELL SCREEN INTERVAL (m): ~ 3 - 7m

CASING STICK UP (+) / DOWN (-) m: No

CONDITION

Damage:

YES / NO

YES / NO Well Locked:

Water Around Well:

YES / NO

YES / NO

(Comments Below):

Well ID Visible: YES / NO

No

Cap on PVC:

Water Between PVC and Gatic/ Monument:

YES / NO

WELL MEASUREMENTS

STATIC WATER LEVEL (SWL):

m BTOC

or m BGL or m BTOM

FREE PRODUCT:

Yes or Thickness (m):

TOTAL DEPTH OF WELL (TD): ~7m

m BTOC

or m BGL or m BTOM

PURGING DETAILS / OBSERVATIONS

50 /00	/				Foot Valve	Bailer Oth		-	
03/07	DATE: 02/05/2014		WATER LEVEL AFTER PURGE:		2-63 08/05/2014		mBTOC / mBGL / mBTOM		
MAX. DRAWDOWN (m)				INTAKE DEPTH:				mBTOC / mBGL / mBTOM	
CUMUL. VOLUME PURGED			DO (mg/L)	E.C. mS/cm <u>or</u> μS/cm	pH (standard units)	Redox (mV)	TEMP. (°C)	TURB, (NTUs)	
			± 10 %	± 3 %	± 0.05	± 10			
Lquinoriani			4.87	652	4.94	157	4.8		
					4.87	177	21.8	Á	
			2.49	654	4.89	185	21.7	- (P)	

	CUMUL. VOLUME PURGED (Litres)	CUMUL. VOLUME PURG PURGED RATE (Litres) Equilibrium Requirements	CUMUL. VOLUME PURGE PURGED RATE (Litres) Equilibrium Requirements	CUMUL. VOLUME PURGE RATE (Litres) Equilibrium Requirements ± 10 % 4.87 2.85 2.49	CUMUL. VOLUME PURGE PURGE PURGE (Litres) Equilibrium Requirements ± 10 % ± 3 % 4. δ7 652 2-85 653 2.49 654	CUMUL. VOLUME PURGE RATE (Litres) Equilibrium Requirements ### 10 % ### 13 % ## 10.05 ### 4.87 2.49 659 4.89	CUMUL VOLUME PURGE PURGE PURGE (Litres) PURGE RATE DO (mg/L) E.C. mS/cm or μS/cm or μS/cm pH (standard units) Redox (mV) Equilibrium Requirements ± 10 % ± 3 % ± 0.05 ± 10 2-85 652 4.94 157 2-85 657 4.87 177 2.49 654 4.89 185	CUMUL. VOLUME PURGE (Litres) PURGE RATE DO (mg/L) E.C. mS/cm or μS/cm pH (standard units) Redox (mV) TEMP. (°C) Equilibrium Requirements ± 10 % ± 3 % ± 0.05 ± 10 ± 0.2 2 - 85 653 4 . 87 177 21 . 8 2 - 85 654 4 . 89 185 21 - 7	

RECHARGE OBSERVATIONS

Slow (80% recharge > 2 Hours)

Fast (80% recharge < 2 Hours)

SAMPLING DETAILS

METHOD:	Bladder Pump F	Peristaltic High Volu	me Pump Foot	Valve	Bailer	Other:	
DATE & TIME:	08/05/2014	15:45	WATER LEVEL	(m)	2.63m	mBTOC / mBGL / mBTOM	
	7 /		Blind Replicate I	D:			
SAMPLE ID:	JL08052	014-03	Split Duplicate II	D:			
FINAL WATER QUALITY	DO (mg/L)	E.C. mS/cm <u>or</u> μS/cm	pH (standard units)		edox mV)	TEMP. (°C)	TURB, (NTUs)
READINGS:	2.49	654	4.89	189	S	21.7	
DESCRIPTION: Colour		Turbidity:		Odour:		Other	

PURGE VOLUME CALCULATOR:

Length of Water Column (m) = TD (m) - SWL (m) =

One Well Volumes (L) = Length of Water Column x 2 (50mm Dia.) or 7.8 (100mm Dia.) =

Three Well Volumes (L) =

NOTES: m BTOC = metres Below Top of Casing / m BGS = metres Below Ground Surface / m BTOM = metres Below Top of Monument

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SIGNATURE:

Revision Date: 30 August 2010

GEE-F001 Groundwater Sampling Field Data