



Laboratory Report No: E029038

Client Name: David Lane Associates

Contact Name: David Lane

Client Reference: Trinity Point

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plus cover page

Date: 09/11/06

This report supercedes reports issued on: N/A

Final

Certificate of Analysis



Laboratory Identification		mb																
Sample Identification		QC																
Depth (m)		--																
Sampling Date recorded on COC		--																
Laboratory Extraction (Preparation) Date		6/11/06																
Laboratory Analysis Date		6/11/06																
Method : E022.2		EQL																
Acid extractable metals (M7)		1																
Arsenic		0.1	<1															
Cadmium		1	<0.1															
Chromium		2	<1															
Copper		1	<2															
Nickel		2	<1															
Lead		2	<2															
Zinc		5	<5															

Results expressed in mg/kg dry weight unless otherwise specified

Comments:

E022.2: 0.5g digested in nitric/hydrochloric acid. Analysis by ICP-MS.



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Laboratory Identification		53196	53197	53198	53199	53200	53201	53202	53203	53204	53205
Sample Identification		TP-IF-1	TP-IF-2	TP-IF-3	TP-IF-4	TP-IF-4a	TP-TA-1	TP-TA-2	TP-TA-2a	TP-S-1	TP-S-2
Depth (m)		--	--	--	--	--	--	--	--	--	--
Sampling Date recorded on COC		27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06
Laboratory Extraction (Preparation) Date		6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06
Laboratory Analysis Date		6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06
Method : E026.2 Acid extractable mercury Mercury		EQL 0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.05	<0.05	0.12	0.22

Results expressed in mg/kg dry weight unless otherwise specified

Comments:

E026.2: 0.5g digested with nitric/hydrochloric acid. Analysis by CV-ICP-MS or FIMS.

Laboratory Identification		53206	53207	53208	53209	53210	53211	53212	53213	53214	53215
Sample Identification		TP-S-3	TP-S-3a	TP-SP3-1	TP-SP3-2	TP-ST1-4	TP-ST1-5	TP-ST1-6	TP-ST1-7	TP-ST1-8	TP-ST2-9
Depth (m)		--	--	--	--	--	--	--	--	--	--
Sampling Date recorded on COC		27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06
Laboratory Extraction (Preparation) Date		6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06
Laboratory Analysis Date		6/11/06	6/11/06	6/11/06	7/11/06	7/11/06	7/11/06	7/11/06	7/11/06	7/11/06	7/11/06
Method : E026.2 Acid extractable mercury Mercury	EQL 0.05	<0.05	<0.05	0.06	0.08	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

Results expressed in mg/kg dry weight unless otherwise specified

Comments:

E026.2: 0.5g digested with nitric/hydrochloric acid. Analysis by CV-ICP-MS or FIMS.



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Laboratory Identification		53216	53217	53218	53219	53220	53221	53222	53223	53224	53225
Sample Identification		TP-ST2-10	TP-ST2-11	TP-ST2-12	TP-ST2-13	TP-ST3-1	TP-ST3-2	TP-ST3-3	TP-ST3-4	TP-ST3-5	TP-ST3-5a
Depth (m)		--	--	--	--	--	--	--	--	--	--
Sampling Date recorded on COC		27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06
Laboratory Extraction (Preparation) Date		6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06
Laboratory Analysis Date		7/11/06	7/11/06	7/11/06	7/11/06	7/11/06	7/11/06	7/11/06	7/11/06	7/11/06	7/11/06
Method : E026.2 Acid extractable mercury Mercury		EQL 0.05									
		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

Results expressed in mg/kg dry weight unless otherwise specified

Comments:

E026.2: 0.5g digested with nitric/hydrochloric acid. Analysis by CV-ICP-MS or FIMS.

Laboratory Identification		53206d	53206r	53213d	53213r	53222d	53222r	53207s	53223s	crm	lcs
Sample Identification		QC	QC	QC	QC	QC	QC	QC	QC	QC	QC
Depth (m)		--	--	--	--	--	--	--	--	--	--
Sampling Date recorded on COC		--	--	--	--	--	--	--	--	--	--
Laboratory Extraction (Preparation) Date		6/11/06	--	6/11/06	--	6/11/06	--	6/11/06	6/11/06	6/11/06	6/11/06
Laboratory Analysis Date		6/11/06	--	7/11/06	--	7/11/06	--	6/11/06	7/11/06	7/11/06	6/11/06
Method : E026.2 Acid extractable mercury Mercury		EQL 0.05									
		<0.05	--	<0.05	--	<0.05	--	95%	107%	102%	95%

Results expressed in mg/kg dry weight unless otherwise specified

Comments:

E026.2: 0.5g digested with nitric/hydrochloric acid. Analysis by CV-ICP-MS or FIMS.



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Laboratory Identification		mb																	
Sample Identification		QC																	
Depth (m)		--																	
Sampling Date recorded on COC		--																	
Laboratory Extraction (Preparation) Date		6/11/06																	
Laboratory Analysis Date		6/11/06																	
Method : E026.2 Acid extractable mercury		EQL 0.05																	
Mercury		<0.05																	

Results expressed in mg/kg dry weight unless otherwise specified

Comments:

E026.2: 0.5g digested with nitric/hydrochloric acid. Analysis by CV-ICP-MS or FIMS.



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Laboratory Identification		53204	53205	53206	53207	53208	53209	53206d	53206r	53207s	lcs
Sample Identification		TP-S-1	TP-S-2	TP-S-3	TP-S-3a	TP-SP3-1	TP-SP3-2	QC	QC	QC	QC
Depth (m)		--	--	--	--	--	--	--	--	--	--
Sampling Date recorded on COC		27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	--	--	--	--
Laboratory Extraction (Preparation) Date		6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	--	6/11/06	6/11/06
Laboratory Analysis Date		6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	--	6/11/06	6/11/06
Method : E022.1											
TCLP metals (M7)		EQL									
Arsenic		<10	<10	<10	<10	<10	<10	<10	--	103%	102%
Cadmium		1	1	<1	<1	<1	<1	<1	--	96%	95%
Chromium		<50	<50	<50	<50	<50	<50	<50	--	98%	98%
Copper		<50	<50	<50	<50	<50	<50	<50	--	101%	95%
Nickel		<50	<50	<50	<50	<50	<50	<50	--	96%	92%
Lead		<10	<10	<10	<10	<10	<10	<10	--	97%	94%
Zinc		720	680	<50	<50	390	450	<50	--	102%	95%

Results expressed in ug/l unless otherwise specified

Comments:

E022.1: Filtered TCLP leachate acidified with nitric/hydrochloric acid. Analysis by ICP-MS. Results are expressed as in the leachate.



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Laboratory Identification		mb																
Sample Identification		QC																
Depth (m)		--																
Sampling Date recorded on COC		--																
Laboratory Extraction (Preparation) Date		6/11/06																
Laboratory Analysis Date		6/11/06																
Method : E022.1		EQL																
TCLP metals (M7)		10																
Arsenic		<10																
Cadmium		<1																
Chromium		<50																
Copper		<50																
Nickel		<50																
Lead		<10																
Zinc		<50																

Results expressed in ug/l unless otherwise specified

Comments:

E022.1: Filtered TCLP leachate acidified with nitric/hydrochloric acid. Analysis by ICP-MS. Results are expressed as in the leachate.



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Laboratory Identification		53204	53205	53206	53207	53208	53209	53206d	53206r	53207s	lcs
Sample Identification		TP-S-1	TP-S-2	TP-S-3	TP-S-3a	TP-SP3-1	TP-SP3-2	QC	QC	QC	QC
Depth (m)		--	--	--	--	--	--	--	--	--	--
Sampling Date recorded on COC		27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	6/11/06	6/11/06	6/11/06	6/11/06
Laboratory Extraction (Preparation) Date		6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06
Laboratory Analysis Date		7/11/06	7/11/06	7/11/06	7/11/06	7/11/06	7/11/06	7/11/06	7/11/06	7/11/06	7/11/06
Method : E026.1 TCLP mercury		EQL 1	<1	<1	<1	<1	<1	<1	--	93%	95%

Results expressed in ug/l unless otherwise specified

Comments:

E026.1: Filtered TCLP leachate acidified with nitric/hydrochloric acid. Analysis by CV-ICP-MS or FIMS. Results are expressed as per the leachate.

Laboratory Identification		mb									
Sample Identification		QC									
Depth (m)		--									
Sampling Date recorded on COC		--									
Laboratory Extraction (Preparation) Date		6/11/06									
Laboratory Analysis Date		7/11/06									
Method : E026.1 TCLP mercury		EQL 1	<1								

Results expressed in ug/l unless otherwise specified

Comments:

E026.1: Filtered TCLP leachate acidified with nitric/hydrochloric acid. Analysis by CV-ICP-MS or FIMS. Results are expressed as per the leachate.



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This report supercedes reports issued on: N/A

Laboratory Identification		53196	53197	53198	53199	53200	53201	53202	53203	53204	53205
Sample Identification		TP-IF-1	TP-IF-2	TP-IF-3	TP-IF-4	TP-IF-4a	TP-TA-1	TP-TA-2	TP-TA-2a	TP-S-1	TP-S-2
Depth (m)		--	--	--	--	--	--	--	--	--	--
Sampling Date recorded on COC		27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06
Laboratory Extraction (Preparation) Date		3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06
Laboratory Analysis Date		6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06
Method : E005.2											
Moisture	EQL	12	12	8	13	12	8	11	12	59	55
	--										

Results expressed in % w/w unless otherwise specified

Comments:

E005.2: Moisture by gravimetric analysis. Results are in % w/w.

Laboratory Identification		53206	53207	53208	53209	53210	53211	53212	53213	53214	53215
Sample Identification		TP-S-3	TP-S-3a	TP-SP3-1	TP-SP3-2	TP-ST1-4	TP-ST1-5	TP-ST1-6	TP-ST1-7	TP-ST1-8	TP-ST2-9
Depth (m)		--	--	--	--	--	--	--	--	--	--
Sampling Date recorded on COC		27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06
Laboratory Extraction (Preparation) Date		3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06
Laboratory Analysis Date		6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06
Method : E005.2											
Moisture	EQL	14	15	26	53	8	14	14	13	14	8
	--										

Results expressed in % w/w unless otherwise specified

Comments:

E005.2: Moisture by gravimetric analysis. Results are in % w/w.



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This report supercedes reports issued on: N/A

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Laboratory Identification		53216	53217	53218	53219	53220	53221	53222	53223	53224	53225
Sample Identification		TP-ST2-10	TP-ST2-11	TP-ST2-12	TP-ST2-13	TP-ST3-1	TP-ST3-2	TP-ST3-3	TP-ST3-4	TP-ST3-5	TP-ST3-5a
Depth (m)		--	--	--	--	--	--	--	--	--	--
Sampling Date recorded on COC		27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06
Laboratory Extraction (Preparation) Date		3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06
Laboratory Analysis Date		6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06
Method : E005.2											
Moisture	EQL	--									
		10	6	9	12	16	14	22	16	13	13

Results expressed in % w/w unless otherwise specified

Comments:

E005.2: Moisture by gravimetric analysis. Results are in % w/w.

Laboratory Identification		53206d	53206r	53213d	53213r	53222d	53222r
Sample Identification		QC	QC	QC	QC	QC	QC
Depth (m)		--	--	--	--	--	--
Sampling Date recorded on COC		--	--	--	--	--	--
Laboratory Extraction (Preparation) Date		3/11/06	--	3/11/06	--	3/11/06	--
Laboratory Analysis Date		6/11/06	--	6/11/06	--	6/11/06	--
Method : E005.2							
Moisture	EQL	--					
		12	15%	14	7%	23	4%

Results expressed in % w/w unless otherwise specified

Comments:

E005.2: Moisture by gravimetric analysis. Results are in % w/w.



Quality, Service, Support

Report Date : 3/11/2006
Report Time : 12:20:51PM

Sample Receipt Notice (SRN) for E029038



Client Details		Laboratory Reference Information	
Client Name: David Lane Associates Client Phone: 02 4938 3800 Client Fax: 02 4938 3811 Contact Name: David Lane Contact Email: dlassociates@bigpond.com Client Address: "Ayrfield" Lot 18 Old North Road North Rothbury NSW 2335 Project Name: Trinity Point Project Number: - Not provided - CoC Number: - Not provided - Purchase Order: - Not provided - Surcharge: No surcharge applied (results by 6:30pm on due date) Sample Matrix: SOIL		Please have this information ready when contacting Labmark. Laboratory Report: E029038 Quotation Number: - Not provided, standard prices apply Laboratory Address: Unit 1, 8 Leighton Pl. Asquith NSW 2077 Phone: 61 2 9476 6533 Fax: 61 2 9476 8219 Sample Receipt Contact: Jakleen El Galada Email: jakleen.galada@labmark.com.au Reporting Contact: Jyothi Lal Email: jyothi.lal@labmark.com.au	
Date Sampled (earliest date): 27/10/2006 Date Samples Received: 02/11/2006 Date Sample Receipt Notice issued: 03/11/2006 Date Preliminary Report Due: 09/11/2006		NATA Accreditation: 13542 TGA GMP License: 185-336 (Sydney) APVMA License: 6105 (Sydney) AQIS Approval: NO356 (Sydney) AQIS Entry Permit: 200409998 (Sydney)	

Sample Condition:

COC received with samples. Report number and lab ID's defined on COC.
Samples received in good order .
Samples received with cooling media: No cooling media .
Samples received ambient.
Security seals not required. Direct Labmark's custody taken .
Sample container & sample integrity suitable .

Comments:

Holding Times:

Date received allows for sufficient time to meet Technical Holding Times.

Preservation:

Chemical preservation of samples satisfactory for requested analytes.

Important Notes:

Sample disposal of environmental samples shall be 31 days (water) and 3 months (soil, HN03 preserved samples) after laboratory receipt, unless otherwise requested in writing by the client. Samples requested to be held in non-refrigerated storage shall incur \$5.00/ sample/ 3 months. Additional refrigerated storage shall incur \$20/ sample/ 3 months. Combination prices apply only if requested. Transfer of report ownership from LabMark to the client shall occur once full and final payment has been settled and verified. All report copies may be retracted where full payment does not occur within the agreed settlement period.

Analysis comments:

Subcontracted Analyses:

Thank you for choosing Labmark to analyse your project samples.
Additional information on www.labmark.com.au



Quality, Service, Support

Report Date : 3/11/2006
Report Time : 12:20:51PM

Sample Receipt Notice (SRN) for E029038



The table below represents LabMark's understanding and interpretation of the customer supplied sample COC request. Please confirm that your COC request has been entered correctly. Due to THT and TAT requirements, testing shall commence immediately as per this table, unless the customer intervenes with a correction prior to testing.

GRID REVIEW TABLE				Requested Analysis																							
No.	Date	Depth	Client Sample ID	BTEX by P&T	Acid extractable mercury	TCLP mercury	Acid extractable metals (M7)	TCLP metals (M7)	Moisture	Organochlorine Pesticides (OC)	Organophosphorus Pesticides (OP)	Polyaromatic Hydrocarbons (PAH)	TCLP PAHs	Polychlorinated Biphenyls (PCB)	PREP Not Reported	PREP Not Reported	TCLP Preparation	Petroleum Hydrocarbons (TPH)	Volatile TPH by P&T (VTPH)								
53196	27/10		TP-IF-1		●		●		●			●			●												
53197	27/10		TP-IF-2		●		●		●			●			●												
53198	27/10		TP-IF-3		●		●		●			●			●												
53199	27/10		TP-IF-4	●	●		●		●	●	●	●		●	●				●	●							
53200	27/10		TP-IF-4a	●	●		●		●	●	●	●		●	●				●	●							
53201	27/10		TP-TA-1		●		●		●	●	●	●		●	●												
53202	27/10		TP-TA-2		●		●		●	●	●	●		●	●												
53203	27/10		TP-TA-2a		●		●		●	●	●	●		●	●												
53204	27/10		TP-S-1		●	●	●	●	●			●	●		●	●	●	●									
53205	27/10		TP-S-2		●	●	●	●	●			●	●		●	●	●	●									
53206	27/10		TP-S-3	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●							
53207	27/10		TP-S-3a	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●							
53208	27/10		TP-SP3-1	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●							
53209	27/10		TP-SP3-2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●							
53210	27/10		TP-ST1-4		●		●		●			●			●												
53211	27/10		TP-ST1-5		●		●		●			●			●												
53212	27/10		TP-ST1-6		●		●		●			●			●												
53213	27/10		TP-ST1-7		●		●		●	●	●	●		●	●												
53214	27/10		TP-ST1-8		●		●		●	●	●	●		●	●												
53215	27/10		TP-ST2-9		●		●		●			●			●												
53216	27/10		TP-ST2-10		●		●		●			●			●												
53217	27/10		TP-ST2-11		●		●		●			●			●												
53218	27/10		TP-ST2-12		●		●		●			●			●												
53219	27/10		TP-ST2-13		●		●		●			●			●												
53220	27/10		TP-ST3-1		●		●		●			●			●												
53221	27/10		TP-ST3-2		●		●		●			●			●												
53222	27/10		TP-ST3-3		●		●		●			●			●												
53223	27/10		TP-ST3-4		●		●		●			●			●												
53224	27/10		TP-ST3-5		●		●		●	●	●	●		●	●												
53225	27/10		TP-ST3-5a		●		●		●	●	●	●		●	●												
Totals:				6	30	6	30	6	30	13	13	30	6	13	30	6	6	6	6								

Thank you for choosing Labmark to analyse your project samples.
Additional information on www.labmark.com.au



Quality, Service, Support

Report Date : 3/11/2006
Report Time : 12:20:51PM

Sample Receipt Notice (SRN) for E029038



				Requested Analysis															
No.	Date	Depth	Client Sample ID	M8 - M7-T_S	M8 - M7-TCLP_W														
53196	27/10		TP-IF-1	●															
53197	27/10		TP-IF-2	●															
53198	27/10		TP-IF-3	●															
53199	27/10		TP-IF-4	●															
53200	27/10		TP-IF-4a	●															
53201	27/10		TP-TA-1	●															
53202	27/10		TP-TA-2	●															
53203	27/10		TP-TA-2a	●															
53204	27/10		TP-S-1	●	●														
53205	27/10		TP-S-2	●	●														
53206	27/10		TP-S-3	●	●														
53207	27/10		TP-S-3a	●	●														
53208	27/10		TP-SP3-1	●	●														
53209	27/10		TP-SP3-2	●	●														
53210	27/10		TP-ST1-4	●															
53211	27/10		TP-ST1-5	●															
53212	27/10		TP-ST1-6	●															
53213	27/10		TP-ST1-7	●															
53214	27/10		TP-ST1-8	●															
53215	27/10		TP-ST2-9	●															
53216	27/10		TP-ST2-10	●															
53217	27/10		TP-ST2-11	●															
53218	27/10		TP-ST2-12	●															
53219	27/10		TP-ST2-13	●															
53220	27/10		TP-ST3-1	●															
53221	27/10		TP-ST3-2	●															
53222	27/10		TP-ST3-3	●															
53223	27/10		TP-ST3-4	●															
53224	27/10		TP-ST3-5	●															
53225	27/10		TP-ST3-5a	●															
Totals:				30	6														

Thank you for choosing Labmark to analyse your project samples.
Additional information on www.labmark.com.au

LABMARK

NATA 13542, AQIS N0356

Client Details

Safety Precaution: laboratory sample bottles may contain preservation acid / chemicals, refer to SAFETEX label on bottle.

~~SECRET~~

Dispatch samples to:
Unit11/8 Leighton Place
Asquith NSW 2077
Australia

Telephone: 612-9476 6533
Facsimile: 612-9476 8219
After hours (DB): 0409 449684
After hours (IP): 0419 689300
E-mail: ros.schacht@labmark.com.au
Web : www.labmark.com.au

Company & Address: David hare Associates
Project Manager: David hare Sampler: David hare
Project Name: Trinity Point
Project Number:

Date Required: Normal
Lab. Quote No:

Global Specifications I require

(default is Not required if Not ticked):

1. Urgent TAT required? (please circle: 1 day 2 days 3 days days)
 2. Fast TAT Guarantee required? (Surcharge may apply - Receipt cutoff time 3.00pm)
 3. Do you wish sediment present in waters to be included in organic/ inorganic extractions?
 1. Additional QAOQC reported where sample batches submitted are < 10 samples?
 3. Do you require DIFFERENT standard EQL's from those stated @ www.labmark.com.au?
 3. Do you wish chromatograms to be supplied? (Additional fee applies).
 Electronic data transfer (circle: fax xts csv pdf)?

Note1: Additional water sample must be submitted for lab. duplicate & spike analysis.
Note2: Contact lab if consolidating multiple analyses into a single sample container.

[illegible]

Comments (Highly contaminated samples):

*Metals (circles): Sn, Pb, Cu, Ni, Pd, Zn, Hg, Cr, Co, Fe.
Fe³⁺ Be, B, Al, V, Mn, Fe, Co, Se, Sr, Sn, Mo, Ag, Ba, Ti, Bi, Sb

Relinquished by (print): Nicola Rees Signed: _____

Relinquished by (print): _____ Signed: _____

2000

Date:

Received By: RC

Seal Serial # _____ Date 2/11 Time: 11:30

Date: 4/11/01 Time: 1:00
Date: _____ Time: _____

LABMARK

NATA 13542, AQIS N0356

Client Details

Safety Pre

Safety Precaution: laboratory sample bottles may contain ozone

100000

Telephone: 612-9476 6533
Facsimile: 612-9476 8219
After hours (DB): 0409 449684
After hours (IP): 0419 689300
E-mail: ros.schacht@labmark.com.au,
Web: www.labmark.com.au

Company & Address:

DLA

**Unit 1/8 Leighton Place
Asquith NSW 2077
Australia**

After hours (DB): 0409 449684
After hours (IP): 0419 669300
E-mail: ros.schacht@labmark.com.au
Web: www.labmark.com.au

Project Manager:

2.

Australia

After hours (IP): 0419 689300
E-mail: ros.schacht@labmark.com.au
Web: www.labmark.com.au

Project Name:

Point

Project Number:

Point

Global Specifications I require

Default is Not required if Not ticked):

1. Urgent TAT required? (please circle: 1 day 2 days 3 days days)

2. Fast TAT Guarantee required? (Surcharge may apply - Receipt cutoff time 3.00pm)

3. Do you wish sediment present in waters to be included in organic/inorganic extractions?

4. Additional UCLC reported where sample batches submitted are < 10 samples?

3. Do you require DIFFERENT standard EQL's from those stated @ www.labmark.com.au?

7. Do you wish chromalogs to be supplied? (Additional fee applies).

7. EXECUTING DATA TRANSFER (circle): FAX ☒ DISK ☒

Note2: Contact lab if consolidating multiple samples.

NOTE: Contact help if consolidating multiple analyses into a single sample container.

[illegible]

Comments (Highly contaminated samples):

*Metals (circle): As , Ca , Cr , Cu , Mn , Pb , Zn , Hg , Cr^{3+} , Cr^{6+} , Fe^{3+} , Fe^{2+} , Be , B , Al , V , Mn , Fe , Co , Se , Sr , Sn , Mo , Ag , Ba , Tl , Bi , Sb

Relinquished by (print): Nicola Rees Signed: _____

2008

Relinquished by (print): _____

7

Signature: _____

100

Page 1

...JULINE.

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LABMARK

NATA 13542, AQIS N0356

Dispatch samples to:
Unit 1/8 Leighton Place
Asquith NSW 2077
Australia

Telephone: 612-9476 6533
Facsimile: 612-9476 8219
After hours (DB): 0409 449884
After hours (IP): 0419 689300
E-mail: ros.schecht@labmark.com.au
Web: www.labmark.com.au

Client Details

Company & Address: _____
Project Manager: _____
Project Name: _____
Project Number: _____

CHAIN OF CUSTODY

Safety Precaution: laboratory sample bottles may contain preservation acid / chemicals, refer to SAFETEX label on bottle.

Sampler: D.L.

Project Name: Twenty Pt

Project Number:

Global Specifications I require

Required if Not Ticked):

1. Urgent TAT required? (please circle: 1 day 2 days 3 days days)

2. Fast TAT Guarantee required? (Surcharge may apply - Receipt cutoff time 3.00pm)

3.3. Do you wish sediment present in waters to be included in organic/inorganic extractions?

11. Additional QAC reported where sample batches submitted are < 10 samples?

b. Do you require DIFFERENT standard EQL's from those stated @ www.labmark.com.au?

3. Do you wish encephalograms to be supplied? (Additional fee applies).

: Electronic data transfer (EDT): FAX XLS .CSV PDF ??

Note 1: Additional water sample must be submitted for lab. duplicate & spike analysis.

NOTE: Contact lab if consolidating multiple analyses into a single sample container.

[illegible]

Metals (circle)	Comments (Highly contaminated samples):
(As), (Cd), (Cr), (Cu), (Ni), (Pb), (Zn), Hg, Cr ⁶⁺ , Cr ³⁺ , Fe ²⁺	

Be, B, Al, V, Mn, Fe, Co, Se, Sr, Sn, Mo, Ag, Ba, Ti, Bi, Sb

Reinquished by (print): Nicola Rose

Relinquished by (print): _____ Signed: _____

Date: 11.1.06

Date: 7/1/2014

Received By:

Received By:

12

2

Date:

Date: _____

Time:

TIME:

Appendix 4

Sample Logs

Appendix 5

Log of all Samples from 59 Lakeview Road, Trinity Point, Morisset Park

Location	Sample Number	GPS	Composition	Comments
Low Density Area	TP-VL1	0363510 6333672	Grass cover, brown silty soil, under tree cover.	
Low Density Area	TP-VL2	0363558 6333779	Grass cover, brown silty soil, no tree cover.	TP-Dup1
Low Density Area	TP-VL3	0363578 6333830	Grass cover, brown silty soil, under tree cover.	
Low Density Area	TP-VL4	0363577 6333901	50% grass cover, 50% dusty ground, softly compacted brown silty soil.	TP-Dup6 TP-Dup6a
Low Density Area	TP-VL5	0363594 6333990	Long grass cover with deep roots, grey compacted sandy soils.	
Low Density Area	TP-VL6	0363598 6334106	Black, wet clay soils, only ten (10) metres from waterline.	
Low Density Area	TP-VL7	0363597 6333709	Grass cover, brown silty soils, under tree cover.	
Low Density Area	TP-VL8	0363609 6333770	Grass cover, brown silty soils, under tree cover.	
Low Density Area	TP-VL9	0363604 6333822	Grass cover, brown silty soils, under tree cover.	
Low Density Area	TP-VL10	0363636 6333915	Bare dusty soil at surface, grey sandy soil.	TP-Dup7
Low Density Area	TP-VL11	0363651 6333965	Grass cover, brown/grey sandy soil.	
Low Density Area	TP-VL12	0363660 6334019	Black soils with gravel fragments for surface cover (fill material)	
Low Density Area	TP-VL13	0363723 6334011	Black soils with gravel fragments for surface cover (fill material)	
Low Density Area	TP-VL14	0363726 6333947	Long grass cover, brown silty soils.	
Low Density Area	TP-VL15	0363718 6333890	Short grass cover, brown sandy soils, under tree cover.	

Log of all Samples Cont'd

Location	Sample Number	GPS	Composition	Comments
Low Density Area	TP-VL16	0363727 6333813	Bare dusty soil at surface, brown sandy soil.	
Low Density Area	TP-VL17	0363758 6333780	40% grass cover, brown silty soil.	
Low Density Area	TP-VL18	0363853 6333806	40% grass cover, brown silty soil.	TP-Dup8 TP-Dup8a
Low Density Area	TP-VL19	0363985 6333807	40% grass cover, brown silty soil.	
Low Density Area	TP-VL20	0363796 6333983	Grass cover, brown silty soils.	
Low Density Area	TP-VL21	0363799 6334031	Black/grey sandy soils with gravel intermixed (fill material).	
Low Density Area	TP-VL22	0363833 6334100	Short-mid grass cover, brown silty soils.	
Low Density Area	TP-VL23	0363766 6334184	Short grass cover, brown/black soils. Located on the Peninsula.	
Low Density Area	TP-VL24	0363824 6334162	Short grass cover, brown/black soils.	
Low Density Area	TP-VL25	0363871 6334144	Short grass cover, brown/black soils.	
Low Density Area	TP-VL26	0363936 6334110	Short grass cover, brown/black soils.	
Low Density Area	TP-VL27	0363925 6334068	Short grass cover, brown/black soils.	
Medium Density Area	TP-V1	0363813 6333894	Brown silty soil, under tree cover.	
Medium Density Area	TP-V2	0363209 6333872	Brown silty soil.	
Medium Density Area	TP-V3	0363802 6333913	Brown silty soil, under tree cover.	

Log of all Samples Cont'd

Location	Sample Number	GPS	Composition	Comments
Medium Density Area	TP-V4	0363789 6333928	Brown silty soil, under tree cover.	
Medium Density Area	TP-V5	0363781 6333959	Brown silty soil, under tree cover.	
Medium Density Area	TP-V6	0363783 6333990	Brown silty soil.	TP-Dup2 TP-Dup2a
Medium Density Area	TP-V7	0363794 6333973	Brown silty soil, under tree cover.	
Medium Density Area	TP-V8	0363808 6333952	Brown silty soil, under tree cover.	
Medium Density Area	TP-V9	0363821 6333914	Brown silty soil, under tree cover.	
Medium Density Area	TP-V10	0363829 6333890	Brown silty soil.	
Medium Density Area	TP-V11	0363832 6333857	Compacted gravel road.	
Medium Density Area	TP-V12	0363863 6333849	Compacted gravel road.	
Medium Density Area	TP-V13	0363860 6333885	Compacted gravel road.	
Medium Density Area	TP-V14	0363843 6333913	Compacted gravel road.	TP-Dup4
Medium Density Area	TP-V15	0363832 6333942	Compacted gravel road.	
Medium Density Area	TP-V16	0363827 6333969	Compacted gravel road.	
Medium Density Area	TP-V17	0363801 6334001	Compacted gravel road.	
Medium Density Area	TP-V18	0363811 6334027	Brown silty soil.	

Log of all Samples Cont'd

Location	Sample Number	GPS	Composition	Comments
Medium Density Area	TP-V19	0363827 6334052	Brown silty soil, under tree cover.	
Medium Density Area	TP-V20	0363841 6334018	Brown silty soil, under tree cover.	
Medium Density Area	TP-V21	0363853 6333993	Brown silty soil.	
Medium Density Area	TP-V22	0363861 6333973	Brown silty soil, under tree cover.	
Medium Density Area	TP-V23	0363874 6333930	Brown silty soil, under tree cover.	
Medium Density Area	TP-V24	0363881 6333893	Brown silty soil, under tree cover.	
Medium Density Area	TP-V25	0363879 6333877	Brown silty soil.	
Medium Density Area	TP-V26	0363878 6333847	Brown silty soil, under tree cover.	
Medium Density Area	TP-V27	0363915 6333833	Compacted gravel road.	
Medium Density Area	TP-V28	0363911 6333868	Compacted gravel road.	
Medium Density Area	TP-V29	0363908 6333900	Compacted gravel road.	TP-Dup3 TP-Dup3a
Medium Density Area	TP-V30	0363904 6333928	Compacted gravel road.	
Medium Density Area	TP-V31	0363901 6333960	Rye grass cover, hard compact clay soils.	
Medium Density Area	TP-V32	0363897 6333993	Compacted gravel road.	
Medium Density Area	TP-V33	0363891 6334022	Bark chip compost cover, orange clays.	

Log of all Samples Cont'd

Location	Sample Number	GPS	Composition	Comments
Medium Density Area	TP-V34	0363879 6334049	Medium compacted orange/brown clay.	
Medium Density Area	TP-V35	0363879 6334078	Loosely compacted dark brown silty soil and orange clay.	
Medium Density Area	TP-V36	0363916 6334080	Grass cover, dark brown silty soil.	
Medium Density Area	TP-V37	0363926 6334047	Compacted, dark disturbed soil.	
Medium Density Area	TP-V38	0363933 6334014	40% grass cover, loosely compacted dark brown silty soil.	
Medium Density Area	TP-V39	0363939 6333986	Grass cover, dark brown silty soil.	
Medium Density Area	TP-V40	0363942 6333957	Grass cover, light brown, medium compacted silty soil.	
Medium Density Area	TP-V41	0363948 6333924	Grass cover, dark brown silty soil.	
Medium Density Area	TP-V42	0363958 6333902	Grass cover, dark brown silty soil.	TP-Dup6
Medium Density Area	TP-V43	0363977 6333817	Grass cover, dark brown silty soil.	
Medium Density Area	TP-V44	0363970 6333853	Grass cover, dark brown silty soil.	

Date

Sampling was conducted on Friday 19th January, 2007 at 59 Lakeview Road, Trinity Point, Morisset Park, NSW, between 10:3am–1:00pm.

Weather

Interchanging between clear and overcast periods, temperature ranged from 24° – 28°, with a mild north easterly breeze (evident on the far eastern side of the site only).

Comments

A small section on the western edge of the high density sampling contained two (2) stockpiles of material from the site. These stockpiles appear to consist of gravel, soil and rubble materials, with approximate volumes of 4m³ and 3m³.

Appendix 5

Sample Inventory

Sample Inventory – Soils.

Sample ID	Depth	Date	BTEX	C ₆ -C ₉	C ₁₀ -C ₃₆	PAH	BaP	PCB	OCP	OPP	As	Cd	Cr	Cu	Pb	Hg	Ni	Zn
High Density Sampling Area																		
MP-SP1S-1	0-0.1m	8.09.06	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MP-SP1-2	0-0.1m	8.09.06	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MP-SP1Sa	0-0.1m	8.09.06	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MP-SP2N-1	0-0.1m	8.09.06				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
MP-SP2N-2	0-0.1m	8.09.06	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MP-1S	2.5m	8.09.06	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MP-2S	2.5m	8.09.06				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
MP-1E	2.5m	8.09.06	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MP-1Ea	2.5m	8.09.06	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MP-2E	2.5m	8.09.06				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
MP-B1	3m	8.09.06	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MP-B2	3m	8.09.06				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
MP-1N	2.5m	8.09.06				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
MP-2N	2.5m	8.09.06	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MP-1W	2.5m	8.09.06				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
MP-2W	2.5m	8.09.06	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Sample Inventory – Cont'd

Sample ID	Depth	Date	BTEX	C ₆ -C ₉	C ₁₀ -C ₃₆	PAH	BaP	PCB	OCP	OPP	As	Cd	Cr	Cu	Pb	Hg	Ni	Zn
MP-2Wa	2.5m	8.09.06	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-IF-1	0-0.1m	27.10.06				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-IF-2	0-0.1m	27.10.06				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-IF-3	0-0.1m	27.10.06				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-IF-4	0-0.1m	27.10.06	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-IF-4a	0-0.1m	27.10.06	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-TA-1	0-0.3m	27.10.06				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-TA-2	0-0.3m	27.10.06				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-TA-2a	0-0.3m	27.10.06				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-S-1	0-0.3m	27.10.06				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-S-2	0-0.3m	27.10.06				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-S-3	0-0.3m	27.10.06	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-S-3a	0-0.3m	27.10.06	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-SP3-1	0-0.1m	27.10.06	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-SP3-2	0-0.1m	27.10.06	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-ST1-4	2.5m	27.10.06				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-ST1-5	2.5m	27.10.06				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-ST1-6	2.5m	27.10.06				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓

Sample Inventory – Cont'd

Sample ID	Depth	Date	BTEX	C ₆ -C ₉	C ₁₀ -C ₃₆	PAH	BaP	PCB	OCP	OPP	As	Cd	Cr	Cu	Pb	Hg	Ni	Zn
TP-ST1-7	3m	27.10.06				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-ST1-8	3m	27.10.06				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TPST1-9	3m	27.10.06				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-ST2-10	2.5m	27.10.06				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-ST2-11	2.5m	27.10.06				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-ST2-12	3m	27.10.06				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-ST2-13	3m	27.10.06				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-ST3-1	2.5m	27.10.06				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-ST3-2	2.5m	27.10.06				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-ST3-3	2.5m	27.10.06				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-ST3-4	3m	27.10.06				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-ST3-5	3m	27.10.06				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-ST3-5a	3m	27.10.06				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Medium Density Sampling Area																		
TP-V1	0-0.3m	19.01.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-V2	0-0.3m	19.01.0				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-V3	0-0.3m	19.01.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-V4	0-0.3m	19.01.0				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓

Sample Inventory – Cont'd

Sample ID	Depth	Date	BTEX	C ₆ -C ₉	C ₁₀ -C ₃₆	PAH	BaP	PCB	OCP	OPP	As	Cd	Cr	Cu	Pb	Hg	Ni	Zn
TP-V5	0-0.3m	19.01.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-V6	0-0.3m	19.01.0				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-Dup2		19.01.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-Dup2a		19.01.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-V7	0-0.3m	19.01.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-V8	0-0.3m	19.01.0				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-V9	0-0.3m	19.01.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-V10	0-0.3m	19.01.0				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-V11	0-0.3m	19.01.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-V12	0-0.3m	19.01.0				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-V13	0-0.3m	19.01.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-V14	0-0.3m	19.01.0				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-Dup4		19.01.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-V15	0-0.3m	19.01.0				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-V16	0-0.3m	19.01.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-V17	0-0.3m	19.01.0				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-V18	0-0.3m	19.01.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Sample Inventory – Cont'd

Sample ID	Depth	Date	BTEX	C ₆ -C ₉	C ₁₀ -C ₃₆	PAH	BaP	PCB	OCP	OPP	As	Cd	Cr	Cu	Pb	Hg	Ni	Zn
TP-V19	0-0.3m	19.01.0				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-V20	0-0.3m	19.01.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-V21	0-0.3m	19.01.0				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-V22	0-0.3m	19.01.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-V23	0-0.3m	19.01.0				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-V24	0-0.3m	19.01.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-V25	0-0.3m	19.01.0				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-V26	0-0.3m	19.01.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-V27	0-0.3m	19.01.0				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-V28	0-0.3m	19.01.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-V29	0-0.3m	19.01.0				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-Dup3		19.01.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-Dup3a		19.01.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-V30	0-0.3m	19.01.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-V31	0-0.3m	19.01.0				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-V32	0-0.3m	19.01.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-V33	0-0.3m	19.01.0				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓

Sample Inventory – Cont'd

Sample ID	Depth	Date	BTEX	C ₆ -C ₉	C ₁₀ -C ₃₆	PAH	BaP	PCB	OCP	OPP	As	Cd	Cr	Cu	Pb	Hg	Ni	Zn
TP-V34	0-0.3m	19.01.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-V35	0-0.3m	19.01.0				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-V36	0-0.3m	19.01.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-V37	0-0.3m	19.01.0				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-V38	0-0.3m	19.01.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-V39	0-0.3m	19.01.0				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-V40	0-0.3m	19.01.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-V41	0-0.3m	19.01.0				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-V42	0-0.3m	19.01.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-Dup5		19.01.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-V43	0-0.3m	19.01.0				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-V44	0-0.3m	19.01.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Low Density Sampling Area																		
TP-VL1	0-0.3m	19.01.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-VL2	0-0.3m	19.01.0				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-Dup1	0-0.3m	19.01.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-VL3	0-0.3m	19.01.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Sample Inventory – Cont'd

Sample ID	Depth	Date	BTEX	C ₆ -C ₉	C ₁₀ -C ₃₆	PAH	BaP	PCB	OCP	OPP	As	Cd	Cr	Cu	Pb	Hg	Ni	Zn
TP-VL4	0-0.3m	19.01.0				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-Dup6	0-0.3m	19.01.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-Dup6a	0-0.3m	19.01.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-VL5	0-0.3m	19.01.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-VL6	0-0.3m	19.01.0				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-VL7	0-0.3m	19.01.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-VL8	0-0.3m	19.01.0				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-VL9	0-0.3m	19.01.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-VL10	0-0.3m	19.01.0				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-Dup7	0-0.3m	19.01.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-VL11	0-0.3m	19.01.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-VL12	0-0.3m	19.01.0				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-VL13	0-0.3m	19.01.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-VL14	0-0.3m	19.01.0				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-VL15	0-0.3m	19.01.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-VL16	0-0.3m	19.01.0				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-VL17	0-0.3m	19.01.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Sample Inventory – Cont'd

Sample ID	Depth	Date	BTEX	C ₆ -C ₉	C ₁₀ -C ₃₆	PAH	BaP	PCB	OCP	OPP	As	Cd	Cr	Cu	Pb	Hg	Ni	Zn
TP-VL18	0-0.3m	19.01.0				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-Dup8	0-0.3m	19.01.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-Dup8a	0-0.3m	19.01.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-VL19	0-0.3m	19.01.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-VL20	0-0.3m	19.01.0				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-VL21	0-0.3m	19.01.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-VL22	0-0.3m	19.01.0				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-VL23	0-0.3m	19.01.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-VL24	0-0.3m	19.01.0				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-VL25	0-0.3m	19.01.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP-VL26	0-0.3m	19.01.0				✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
TP-VL27	0-0.3m	19.01.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Rinsate		19.01.0				✓	✓											
Trip Blank		19.01.0	✓															
Trip Spike		19.01.0	✓															

Appendix 6

Tank Destruction Documentation

SMORGON

Recycling

Tuesday, 19 September 2006

Ms Patricia Wilson
Australian Demolition Industries
Po Box 130
West Wallsend NSW 2286

Dear Patricia

As per our recent conversation regarding 5,000 litres and 10,000 litres tanks ex Kendall Grange site at Morisset, which were delivered to our Hexham facility. The tanks were destroyed via our recycling process, and no part was kept for any further re use other than recycling of scrap metal.

Yours faithfully



Tony Urdarov
Area Account Manager
Smorgon Steel Recycling

Smorgon Steel Recycling

Telephone 02 49619700
Facsimile 0249619704

Division of Metalcorp Recyclers Pty Ltd. ABN 28 002 707 262

Appendix 7

Groundwater Bore Information

Groundwater Works Summary

For information on the meaning of fields please see [Glossary](#)
Document Generated on Friday, August 17, 2007

[Print Report](#)

[Works Details](#) [Site Details](#) [Form A](#) [Licensed](#) [Construction](#) [Water Bearing Zones](#) [Drillers Log](#)

Work Requested -- GW078084

Works Details ([top](#))

GROUNDWATER NUMBER GW078084
LIC-NUM 20BL166612
AUTHORISED-PURPOSES DOMESTIC STOCK
INTENDED-PURPOSES DOMESTIC STOCK
WORK-TYPE Bore
WORK-STATUS (Unknown)
CONSTRUCTION-METHOD Other
OWNER-TYPE
COMMENCE-DATE
COMPLETION-DATE 1996-05-22
FINAL-DEPTH (metres) 62.00
DRILLED-DEPTH (metres) 62.00
CONTRACTOR-NAME
DRILLER-NAME
PROPERTY N/A
GWMA - SYDNEY BASIN
GW-ZONE - LENNOX GROUNDWATER SOURCE
STANDING-WATER-LEVEL
SALINITY
YIELD

Site Details ([top](#))

REGION 20 - HUNTER
RIVER-BASIN
AREA-DISTRICT
CMA-MAP
GRID-ZONE
SCALE
ELEVATION
ELEVATION-SOURCE
NORTHING 6334696.00
EASTING 357181.00
LATITUDE 33 7' 1"
LONGITUDE 151 28' 9"
GS-MAP

AMG-ZONE 56
COORD-SOURCE
REMARK

Form-A (top)

COUNTY NORTHUMBERLAND
PARISH MANDOLONG
PORTION-LOT-DP LOT 13 DP 261891

Licensed (top)

COUNTY NORTHUMBERLAND
PARISH MANDOLONG
PORTION-LOT-DP 13 261891

Construction (top)

Negative depths indicate Above Ground Level;H-Hole;P-Pipe;OD-Outside Diameter;
ID-Inside Diameter;C-Cemented;SL-Slot Length;A-Aperture;GS-Grain Size;Q-Quantity

HOLE- NO	PIPE- NO	COMPONENT- CODE	COMPONENT- TYPE	DEPTH- FROM (metres)	DEPTH- TO (metres)	OD (mm)	ID (mm)	INTERVAL	DETAIL
1		Hole	Hole	0.00	62.00	150			Rotary Air
1	1	Casing	P.V.C.	0.30	6.20				C: 0- 6.2m; Driven into Hole

Water Bearing Zones (top)

FROM- DEPTH (metres)	TO- DEPTH (metres)	THICKNESS (metres)	ROCK- CAT- DESC	S- W-L	D-D- L	YIELD	TEST- HOLE- DEPTH (metres)	DURATION	SALINITY
6.20	6.50	0.30		5.00	10.00	0.05	10.00	1.00	Fresh
21.30	21.60	0.30		5.00	40.00	0.10	40.00	2.00	Fresh

Drillers Log (top)

FROM	TO	THICKNESS	DESC	GEO-MATERIAL COMMENT
0.00	0.50	0.50	Topsoil	
0.50	1.50	1.00	Clay Red	
1.50	3.80	2.30	Sandy Clay White	
3.80	6.20	2.40	Decomposed Sandstone Brown	
6.20	6.50	0.30	Sandstone Yellow (W.B.)	
6.50	10.00	3.50	Sandstone Yellow	
10.00	21.30	11.30	Mudstone Grey	
21.30	21.60	0.30	Sandstone Grey (W.B.)	
21.60	26.00	4.40	Sandstone Grey	

26.00	31.30	5.30	Shale
31.30	58.00	26.70	Conglomerate
58.00	62.00	4.00	Shale/Conglomerate

Warning To Clients: This raw data has been supplied to the Department of Infrastructure, Planning and Natural Resources (DIPNR) by drillers, licensees and other sources. The DIPNR does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying

Groundwater Works Summary

For information on the meaning of fields please see [Glossary](#)
Document Generated on Friday, August 17, 2007

[Print Report](#)

[Works Details](#) [Site Details](#) [Form A](#) [Licensed](#) [Construction](#) [Water Bearing Zones](#) [Drillers Log](#)

Work Requested -- GW011915

Works Details [\(top\)](#)

GROUNDWATER NUMBER GW011915
LIC-NUM 20BL004727
AUTHORISED-PURPOSES POULTRY (GROUNDWATER)
INTENDED-PURPOSES STOCK
WORK-TYPE Well
WORK-STATUS Supply Obtained
CONSTRUCTION-METHOD (Unknown)
OWNER-TYPE Private
COMMENCE-DATE
COMPLETION-DATE
FINAL-DEPTH (metres) 5.40
DRILLED-DEPTH (metres) 0.00
CONTRACTOR-NAME
DRILLER-NAME
PROPERTY N/A
GWMA 603 - SYDNEY BASIN
GW-ZONE - LENNOX GROUNDWATER SOURCE
STANDING-WATER-LEVEL
SALINITY
YIELD

Site Details [\(top\)](#)

REGION 20 - HUNTER
RIVER-BASIN 211 - MACQUARIE - TUGGERAH LAKES
AREA-DISTRICT
CMA-MAP 9231-4S
GRID-ZONE 56/1
SCALE 1:25,000
ELEVATION
ELEVATION-SOURCE (Unknown)
NORTHING 6329604.00
EASTING 363007.00
LATITUDE 33 9' 49"
LONGITUDE 151 31' 51"
GS-MAP 0055C1

AMG-ZONE 56
COORD-SOURCE PR.,ACC.MAP
REMARK

Form-A (top)

COUNTY NORTHUMBERLAND
PARISH WALLARAH
PORTION-LOT-DP 99

Licensed (top)

COUNTY NORTHUMBERLAND
PARISH WALLARAH
PORTION-LOT-DP 4 755266

Construction (top)

Negative depths indicate Above Ground Level;H-Hole;P-Pipe;OD-Outside Diameter;
ID-Inside Diameter;C-Cemented;SL-Slot Length;A-Aperture;GS-Grain Size;Q-Quantity

HOLE- NO	PIPE- NO	COMPONENT- CODE	COMPONENT- TYPE	DEPTH- FROM (metres)	DEPTH- TO (metres)	OD (mm)	ID (mm)	INTERVAL	DETAIL
1	1	Casing	Concrete	0.00	0.00	1219			(Unknown)

Water Bearing Zones (top)

no details

Drillers Log (top)

no details

Warning To Clients: This raw data has been supplied to the Department of Infrastructure, Planning and Natural Resources (DIPNR) by drillers, licensees and other sources. The DIPNR does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice

Groundwater Works Summary

For information on the meaning of fields please see [Glossary](#)
Document Generated on Friday, August 17, 2007

[Print Report](#)

[Works Details](#) [Site Details](#) [Form A](#) [Licensed](#) [Construction](#) [Water Bearing Zones](#) [Drillers Log](#)

Work Requested -- GW034600

Works Details ([top](#))

GROUNDWATER NUMBER GW034600
LIC-NUM 20BL027667
AUTHORISED-PURPOSES DOMESTIC REGULATION OF FLOW WASTE DISPOSAL
INTENDED-PURPOSES DOMESTIC
WORK-TYPE Bore open thru rock
WORK-STATUS (Unknown)
CONSTRUCTION-METHOD (Unknown)
OWNER-TYPE Private
COMMENCE-DATE
COMPLETION-DATE 1971-11-01
FINAL-DEPTH (metres) 60.90
DRILLED-DEPTH (metres) 61.00
CONTRACTOR-NAME
DRILLER-NAME
PROPERTY N/A
GWMA 603 - SYDNEY BASIN
GW-ZONE - LENNOX GROUNDWATER SOURCE
STANDING-WATER-LEVEL
SALINITY
YIELD

Site Details ([top](#))

REGION 20 - HUNTER
RIVER-BASIN 211 - MACQUARIE - TUGGERAH LAKES
AREA-DISTRICT
CMA-MAP 9231-4S
GRID-ZONE 56/1
SCALE 1:25,000
ELEVATION
ELEVATION-SOURCE (Unknown)
NORTHING 6332873.00
EASTING 367678.00
LATITUDE 33 8' 5"
LONGITUDE 151 34' 53"
GS-MAP 0055C1

AMG-ZONE 56
 COORD-SOURCE GD.,ACC.MAP
 REMARK

Form-A (top)

COUNTY NORTHUMBERLAND
 PARISH WALLARAH
 PORTION-LOT-DP 75

Licensed (top)

COUNTY NORTHUMBERLAND
 PARISH WALLARAH
 PORTION-LOT-DP 1 755266

Construction (top)

Negative depths indicate Above Ground Level;H-Hole;P-Pipe;OD-Outside Diameter;
 ID-Inside Diameter;C-Cemented;SL-Slot Length;A-Aperture;GS-Grain Size;Q-Quantity

HOLE- NO	PIPE- NO	COMPONENT- CODE	COMPONENT- TYPE	DEPTH- FROM (metres)	DEPTH- TO (metres)	OD (mm)	ID (mm)	INTERVAL	DETAIL
1	1	Casing	P.V.C.	-0.60	7.90	127			Cemented

Water Bearing Zones (top)

FROM- DEPTH (metres)	TO- DEPTH (metres)	THICKNESS (metres)	ROCK-CAT- DESC	S- W-L	D- D- L	YIELD	TEST- HOLE- DEPTH (metres)	DURATION	SALINITY
18.20	18.20	0.00	Consolidated	5.70		0.06			(Unknown)

Drillers Log (top)

FROM	TO	THICKNESS	DESC	GEO-MATERIAL	COMMENT
0.00	0.30	0.30	Soil		
0.30	1.68	1.38	Clay Ironstone		
1.68	5.48	3.80	Clay		
5.48	7.01	1.53	Sandstone Soft		
7.01	18.28	11.27	Sandstone Water Supply		
18.28	36.57	18.29	Conglomerate		
36.57	41.14	4.57	Shale		
41.14	60.96	19.82	Conglomerate		

Warning To Clients: This raw data has been supplied to the Department of Infrastructure, Planning and Natural Resources (DIPNR) by drillers, licensees and other sources. The DIPNR does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

Groundwater Works Summary

For information on the meaning of fields please see [Glossary](#)
Document Generated on Friday, August 17, 2007

[Print Report](#)

[Works Details](#) [Site Details](#) [Form A](#) [Licensed](#) [Construction](#) [Water Bearing Zones](#) [Drillers Log](#)

Work Requested -- GW078060

Works Details ([top](#))

GROUNDWATER NUMBER	GW078060
LIC-NUM	20BL166816
AUTHORISED-PURPOSES	DOMESTIC
INTENDED-PURPOSES	DOMESTIC
WORK-TYPE	Bore
WORK-STATUS	(Unknown)
CONSTRUCTION-METHOD	Rotary
OWNER-TYPE	
COMMENCE-DATE	
COMPLETION-DATE	1998-03-17
FINAL-DEPTH (metres)	28.00
DRILLED-DEPTH (metres)	28.00
CONTRACTOR-NAME	
DRILLER-NAME	
PROPERTY	N/A
GWMA	- BOTANY BAY SAND BEDS
GW-ZONE	- LENNOX GROUNDWATER SOURCE
STANDING-WATER-LEVEL	15.00
SALINITY	
YIELD	1.25

Site Details ([top](#))

REGION	20 - HUNTER
RIVER-BASIN	
AREA-DISTRICT	
CMA-MAP	
GRID-ZONE	
SCALE	
ELEVATION	
ELEVATION-SOURCE	
NORTHING	6330898.00
EASTING	360787.00
LATITUDE	33 9' 6"
LONGITUDE	151 30' 26"
GS-MAP	

AMG-ZONE 56
 COORD-SOURCE
 REMARK

Form-A (top)

COUNTY NORTHUMBERLAND
 PARISH MORISSET
 PORTION-LOT-DP LOT 501 DP 788556

Licensed (top)

COUNTY NORTHUMBERLAND
 PARISH MORISSET
 PORTION-LOT-DP 501 788556

Construction (top)

Negative depths indicate Above Ground Level;H-Hole;P-Pipe;OD-Outside Diameter;
 ID-Inside Diameter;C-Cemented;SL-Slot Length;A-Aperture;GS-Grain Size;Q-Quantity

HOLE- NO	PIPE- NO	COMPONENT- CODE	COMPONENT- TYPE	DEPTH- FROM (metres)	DEPTH- TO (metres)	OD (mm)	ID (mm)	INTERVAL	DETAIL
1		Hole	Hole	0.00	11.50	210			Down Hole Hammer
1		Hole	Hole	11.50	28.00	150			Down Hole Hammer
1	1	Casing	PVC Class 9	0.70	11.50	160	144		C: 1-11.5m; Screwed and Glued; Seated on Bottom

Water Bearing Zones (top)

FROM- DEPTH (metres)	TO- DEPTH (metres)	THICKNESS (metres)	ROCK- CAT- DESC	S-W- L	D-D- L	YIELD	TEST- HOLE- DEPTH (metres)	DURATION	SALINITY
21.50	23.50	2.00		15.00	28.00	1.25	28.00	2.00	Fresh

Drillers Log (top)

FROM	TO	THICKNESS	DESC	GEO-MATERIAL	COMMENT
0.00	0.40	0.40	Topsoil		
0.40	8.80	8.40	Clay Grey		
8.80	21.50	12.70	Mudstone Grey		
21.50	23.50	2.00	Conglomerate WB		
23.50	28.00	4.50	Conglomerate		

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Appendix 8

Meteorological Data



Climate statistics for Australian locations

Monthly climate statistics

All years of record

Site information

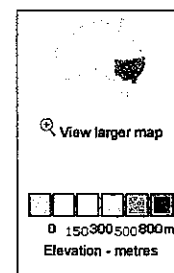
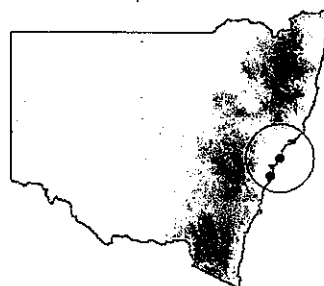
Site name: NORAH HEAD LIGHTHOUSE
Site number: 061273
Latitude: 33.28 °S Longitude: 151.58 °E
Elevation: 27 m
Commenced: 1969 Status: Open
Latest available data: 30 Jun 2005

Additional Information

Additional site information

Nearest alternative sites

- 061366 NORAH HEAD AWS (0.1km)
- 061087 GOSFORD (NARARA RESEARCH STATION) AWS (26.0km)
- 061351 PEATS RIDGE (WARATAH ROAD) (30.8km)



☐ ☐ View: ☒ Main statistics ☐ All available | ☐ Period: Use all years of data ☐ | ☐ Table size: ☒ Normal ☐ Large

Statistics	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Years
Temperature														
Mean maximum temperature (°C)	25.0	25.2	24.4	22.7	20.1	17.8	17.3	18.5	20.2	21.8	22.6	24.7	21.7	32 1969 2004
Mean minimum temperature (°C)	19.3	19.6	18.4	15.7	12.9	10.2	9.3	9.9	11.9	14.2	16.0	18.2	14.6	32 1969 2004
Rainfall														
Mean rainfall (mm)	106.4	142.0	129.0	118.1	132.3	126.5	78.8	70.7	75.1	78.9	96.6	80.6	1229.6	35 1969 2004
Decile 5 (median) rainfall (mm)	86.0	107.9	114.3	89.0	116.7	100.8	68.6	48.1	54.6	57.4	103.4	66.2	1195.8	32 1969 2004
Mean number of days of rain ≥ 1 mm	9.1	9.2	10.3	8.3	10.1	8.8	7.8	6.6	7.3	8.1	9.8	8.0	103.4	35 1969 2005
Other daily elements														
Mean daily sunshine (hours)														
Mean number of clear days	6.6	5.5	7.4	8.6	8.0	9.0	10.8	12.2	9.4	7.3	5.9	7.1	97.8	34 1969 2004
Mean number of cloudy days	12.4	12.3	11.4	10.4	11.6	10.4	9.0	7.9	8.5	11.2	12.1	11.6	128.8	34 1969 2004
9 am conditions														
Mean 9am temperature (°C)	22.1	22.1	21.3	19.3	16.0	13.2	12.3	13.9	16.4	18.6	19.4	21.4	18.0	34 1969 2004
Mean 9am relative humidity (%)	82	83	81	79	79	78	76	72	70	72	76	78	77	29 1969 2004
Mean 9am wind speed (km/h)	15.4	16.1	14.7	13.3	13.2	13.9	12.9	13.1	13.8	15.4	15.6	15.2	14.4	30 1969 2004
3 pm conditions														
Mean 3pm temperature (°C)	23.7	23.9	23.0	21.2	18.8	16.6	16.1	17.1	18.4	19.6	20.9	23.0	20.2	34 1969 2004
Mean 3pm relative humidity (%)	76	77	75	73	71	68	66	63	65	70	73	73	71	29 1969 2004
Mean 3pm wind speed (km/h)	22.9	22.5	21.2	19.8	17.4	17.8	16.7	19.3	22.2	22.8	23.5	23.2	20.8	30 1969 2004

red = highest value blue = lowest value

Product IDCJCM0028 Prepared at Wed 15 Aug 2007 02:25:18 AM EST

Monthly statistics are only included if there are more than 10 years of data. The number of years (provided in the 2nd last column of the table) may differ between elements if the observing program at the site changed. More detailed data for individual sites can be obtained by contacting the Bureau.

Related Links

- This page URL: http://www.bom.gov.au/climate/averages/tables/cw_061273.shtml
- About climate averages: <http://www.bom.gov.au/climate/cdo/about/about-stats.shtml>
- Bureau of Meteorology website: <http://www.bom.gov.au>

Page created: Wed 15 Aug 2007 02:25:18 AM EST

Appendix 9

Asbestos Clearance Certification



DAVID LANE ASSOCIATES
ABN 36 926 003 197
Environment Health Safety

6th October 2006

DL1779

Mr Craig Shepherd
Johnson Property Group
268 Old Northern Road
Castle Hill NSW 2154

Dear Sir

**Asbestos Clearance Certification
Trinity Point Residential Development
Former St John of God
Henry Street Morisset Park NSW**

Following the removal of identified asbestos contaminated materials from the property currently identified as Trinity Point Residential Development and formerly the St John of God Property asbestos clearance inspections of the areas were undertaken. The investigations were conducted in accordance with Part 11; "Clearance to Reoccupy an Asbestos Work Area" of the NOHSC: 2002 *Code of Practice for the Safe Removal of Asbestos – 2nd Edition* 2005.

Visual inspections were conducted over the areas on Thursday 5th October 2006 by Mr David Lane, Occupational Hygienist, of David Lane Associates.

It was concluded that the relevant areas identified on the site were free of visible asbestos based material at the time of inspection.

The inspections indicate the previously conducted asbestos contamination removal from the property has been successfully undertaken and created a safe environment for both access and future planned works.

Yours Faithfully
DAVID LANE ASSOCIATES

A handwritten signature in black ink, appearing to read 'DLane', is written over a faint, larger signature that is partially visible in the background.

David Lane
Director

SYDNEY

3 Isabella Street, Camperdown NSW 2050 • Phone: 9517 1153 • Fax: 9517 3188 • E-mail: dlassociates@bigpond.com

NEWCASTLE

778 Old North Road, Rothbury NSW 2335 • Phone: 4938 3800 • Fax: 4938 3811 • E-mail: dolane@bigpond.com



DAVID LANE ASSOCIATES
ABN 36 926 003 197
Environment Health Safety

12th February 2006

Mr Tony Fenwick
Australain Demolition Industries
PO Box 130
West Wallsend
NSW 2286

Dear Mr Fenwick,

**Asbestos Clearance Certification
St John of God Site
Lakeview Road Morisset Park**

The property located at Morisset Park (6 hectares) formerly contained the St John of God premises and facilities including a Gymnasium, Multiple Unit Accommodation, Swimming Pool, Tennis Court, Play Equipment and Cricket Nets.

Asbestos containing materials were previously identified in the older structures located on the Site now undogoing re-development.

Following the removal of identified asbestos contaminated materials by Australian Demolition Industries an asbestos clearance investigation of the site was undertaken. This investigation was conducted in accordance with Part 11; "Clearance to Reoccupy an Asbestos Work Area" of the NOHSC:2002 *Code of Practice for the Safe Removal of Asbestos – 2nd Edition* 2005. Accordingly, visual inspections were conducted on Wednesday 10th August 2006 by David Lane, Occupational Hygienist, of David Lane Associates.

It was concluded that the area was free of visible asbestos and possible associated friable content at the time of inspection. Refer to **Table 1**.

SYDNEY

3 Isabella Street, Camperdown NSW 2050 • Phone: 9517 1153 • Fax: 9517 3188 • E-mail: dlassociates@bigpond.com

NEWCASTLE

778 Old North Road, Rothbury NSW 2335 • Phone: 4938 3800 • Fax: 4938 3811 • E-mail: dolane@bigpond.com

Table 1 Visual Inspection Details

Clearance Certification – Visual Inspection		
Date	Location	Result
10/8/2006	Gynasium and Adjacent Area	No Visible Surface Asbestos Fragments at Time Of Inspection
10/8/2006	Unit Accomodation and Adjacent Area	No Visible Surface Asbestos Fragments at Time Of Inspection

It is concluded that the asbestos removal and subsequent detailing of this area has been successfully undertaken and has created a safe environment for both access and future works.

Yours Faithfully

DAVID LANE ASSOCIATES



David Lane
Director