

CERTIFICATE OF ANALYSIS

Batch No:	22-73603		Page 1 of 3
<i>Final Report</i>	43836		
<i>Client:</i>	Environmental and Analytical Laboratories	<i>Laboratory</i>	Scoresby Laboratory
<i>Contact:</i>	Michael Glazier	<i>Address</i>	Caribbean Business Park, 22 Dalmore Drive, Scoresby, VIC 3179
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		<i>Contact:</i>	Brad Snibson Client Manager Brad.Snibson@alsglobal.com
 <i>PO No:</i>	 P0197464	 <i>Date Sampled:</i>	 11-Oct-2022
<i>Sampler Name:</i>		<i>Date Samples Received:</i>	14-Oct-2022
<i>ALS Program Ref:</i>	EAL	<i>Date Issued:</i>	04-Nov-2022
<i>Program Description:</i>	Analysis for EAL		
<i>Client Ref:</i>	Analysis		

The hash (#) below indicates methods not covered by NATA accreditation in the performance of this service.

<i>Analysis</i>	<i>Method</i>	<i>Laboratory</i>	<i>Analysis</i>	<i>Method</i>	<i>Laboratory</i>
BTEXN	WP074	Scoresby	CHC	WP084	Scoresby
PAH	WP075B	Scoresby	TOC (SFA)	WP005SF 002SF	Scoresby
TRH F2	# WP071	Scoresby	TRH & TPH (>C10)	WP071	Scoresby
TRH (C6-C10) & F1	WP074 (F1 not NATA)	Scoresby			

TOC is analysed as NPOC and VOCs if present may be compromised when removing inorganic carbon.

Signatories

<i>Name</i>	<i>Title</i>	<i>Name</i>	<i>Title</i>
Chatura Perera	Team Leader Nutrients	Hao Zhang	Team Leader Organics
Kosta Christopoulos	Deputy Team Leader Organics		

Samples not collected by ALS and are tested as received.
Calculated results are based on raw data.

Samples are tested within holding time unless otherwise stated.

Batch No: 22-73603
 Report Number: 43836
 Client: Environmental and Analytical Laboratories
 ALS Program Ref: EAL
 Program Description: Analysis for EAL



Sample No	Site Code	Site Description	Sample Type	Sampled Date/Time
7836507	NONE	22Oct-0112	WATER	11/10/22 07:35
7836508	NONE	22Oct-0113	WATER	11/10/22 07:25
7836509	NONE	22Oct-0114	WATER	11/10/22 07:15

Analysis - Analyte

	Sample No. Site Code Units	7836507 NONE	7836508 NONE	7836509 NONE
CHC - 1,2,3,4-Tetrachlorobenzene	mg/L	<0.001		
CHC - 1,2,3,5-Tetrachlorobenzene	mg/L	<0.001		
CHC - 1,2,3-Trichlorobenzene	mg/L	<0.001		
CHC - 1,2,4,5-Tetrachlorobenzene	mg/L	<0.001		
CHC - 1,2,4-Trichlorobenzene	mg/L	<0.001		
CHC - 1,2-Dichlorobenzene	mg/L	<0.001		
CHC - 1,3,5-Trichlorobenzene	mg/L	<0.001		
CHC - 1,3-Dichlorobenzene	mg/L	<0.001		
CHC - 1,4-Dichlorobenzene	mg/L	<0.001		
CHC - 2-Chloronaphthalene	mg/L	<0.001		
CHC - Benzal Chloride	mg/L	<0.001		
CHC - Benzotrichloride	mg/L	<0.001		
CHC - Benzylchloride	mg/L	<0.001		
CHC - Hexachlorobutadiene	mg/L	<0.001		
CHC - Hexachlorocyclopentadiene	mg/L	<0.001		
CHC - Hexachloroethane	mg/L	<0.001		
CHC - Pentachlorobenzene	mg/L	<0.001		
BTEXN - Benzene	mg/L		<0.001	<0.001
BTEXN - BTEX (Sum)	mg/L		<0.002	<0.002
BTEXN - Ethyl Benzene	mg/L		<0.001	<0.001
BTEXN - Toluene	mg/L		<0.001	<0.001
BTEXN - Total Xylenes	mg/L		<0.002	<0.002
BTEXN - Xylene - m & p	mg/L		<0.002	<0.002
BTEXN - Xylene - o	mg/L		<0.001	<0.001
TRH (C6-C10) & F1 - TPH C6-C9	mg/L		<0.1	<0.1
TRH (C6-C10) & F1 - TRH C6-C10	mg/L		<0.1	<0.1
TRH (C6-C10) & F1 - TRH C6-C10 minus BTEX	mg/L		<0.1	<0.1
TRH & TPH (>C10) - Sum of TPH C10-C36	mg/L		0.9	0.5
TRH & TPH (>C10) - Sum of TRH>C10-C40	mg/L		1.1	0.7
TRH & TPH (>C10) - TPH C10-C14	mg/L		0.1	<0.1
TRH & TPH (>C10) - TPH C15-C28	mg/L		0.5	0.3
TRH & TPH (>C10) - TPH C29-C36	mg/L		0.3	0.3
TRH & TPH (>C10) - TRH>C10-C16	mg/L		0.1	<0.1
TRH F2 - TRH>C10-C16 minus Naphthalene	mg/L		0.1	<0.1
TRH & TPH (>C10) - TRH>C16-C34	mg/L		0.8	0.5
TRH & TPH (>C10) - TRH>C34-C40	mg/L		0.2	0.2
PAH - Acenaphthene	mg/L		<0.001	<0.001
PAH - Acenaphthylene	mg/L		<0.001	<0.001
PAH - Anthracene	mg/L		<0.001	<0.001
PAH - Benz(a)anthracene	mg/L		<0.001	<0.001
PAH - Benzo(a)pyrene	mg/L		<0.001	<0.001
PAH - Benzo(b)fluoranthene	mg/L		<0.001	<0.001
PAH - Benzo(g,h,i)perylene	mg/L		<0.001	<0.001
PAH - Benzo(k)fluoroanthene	mg/L		<0.001	<0.001
PAH - Chrysene	mg/L		<0.001	<0.001
PAH - Dibenz(a,h)anthracene	mg/L		<0.001	<0.001
PAH - Fluoranthene	mg/L		<0.001	<0.001
PAH - Fluorene	mg/L		<0.001	<0.001
PAH - Indeno(1,2,3-cd)pyrene	mg/L		<0.001	<0.001

Batch No:

22-73603

Report Number:

43836

Client:

Environmental and Analytical Laboratories

ALS Program Ref:

EAL

Program Description:

Analysis for EAL



		7836507 NONE	7836508 NONE	7836509 NONE
PAH - Naphthalene	mg/L		<0.001	<0.001
PAH - Phenanthrene	mg/L		<0.001	<0.001
PAH - p-Terphenyl-d14	%		109.1	124.1
PAH - Pyrene	mg/L		<0.001	<0.001
PAH - Total PAH	mg/L		<0.001	<0.001
TOC (SFA) - Total Organic Carbon	mg/L	32		

Sample No	Site Code	Site Description	Sample Type	Sampled Date/Time
7836510	NONE	22Oct-0115	WATER	11/10/22 07:05

Analysis - Analyte

	Sample No. Site Code Units	7836510 NONE
CHC - 1,2,3,4-Tetrachlorobenzene	mg/L	<0.001
CHC - 1,2,3,5-Tetrachlorobenzene	mg/L	<0.001
CHC - 1,2,3-Trichlorobenzene	mg/L	<0.001
CHC - 1,2,4,5-Tetrachlorobenzene	mg/L	<0.001
CHC - 1,2,4-Trichlorobenzene	mg/L	<0.001
CHC - 1,2-Dichlorobenzene	mg/L	<0.001
CHC - 1,3,5-Trichlorobenzene	mg/L	<0.001
CHC - 1,3-Dichlorobenzene	mg/L	<0.001
CHC - 1,4-Dichlorobenzene	mg/L	<0.001
CHC - 2-Chloronaphthalene	mg/L	<0.001
CHC - Benzal Chloride	mg/L	<0.001
CHC - Benzotrichloride	mg/L	<0.001
CHC - Benzylchloride	mg/L	<0.001
CHC - Hexachlorobutadiene	mg/L	<0.001
CHC - Hexachlorocyclopentadiene	mg/L	<0.001
CHC - Hexachloroethane	mg/L	<0.001
CHC - Pentachlorobenzene	mg/L	<0.001
TOC (SFA) - Total Organic Carbon	mg/L	24

A blank space indicates no test performed.