



ALS Environmental Ltd

Torrington Avenue
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CV4 9GU

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www.alsenvironmental.co.uk

**Miss May
KEPAK
Pengarnddu Industrial Estate
Dowlais Top
Merthyr CF48 2TA
Glamorgan**

24 November 2020

Test Report: COV/1938098/2020

Dear Miss May

Analysis of your sample(s) received on 15 October 2020 is now complete and we have pleasure in enclosing the appropriate test report(s).

An invoice for the analysis carried out will be sent under separate cover.

Should you have any queries regarding this report(s) or any part of our service, please contact Customer Services on +44 (0)24 7642 1213 who will be happy to discuss your requirements.

If you would like to arrange any further analysis, please contact Customer Services. To arrange container delivery or sample collection, please call the Couriers Department directly on 024 7685 6562.

Thank you for using ALS Environmental Ltd and we look forward to receiving your next samples.

Yours Sincerely,

Signed:

Name:

P. Johal

Title:

Waste Business Manager



Report Summary

**Miss Helena May
KEPAK
Pengarnddu Industrial Estate
Dowlais Top
Merthyr
Glamorgan
CF48 2TA**



ANALYSED BY



Date of Issue: 24 November 2020

Report Number: COV/1938098/2020

Issue 1

This issue replaces
all previous issues

Job Description: PP8/W1/TPH Analysis

Job Location: Merthyr Tydfil

**Number of Samples
included in this report 3**

Job Received: 15 October 2020

**Number of Test Results
included in this report 38**

Analysis Commenced: 17 October 2020

Signed:

A handwritten signature in black ink, appearing to read 'P. Johal'.

Name: P. Johal

Date: 24 November 2020

Title: Waste Business Manager

ALS Environmental Ltd was not responsible for sampling unless otherwise stated.

Information on the methods of analysis and performance characteristics are available on request.

Opinions and interpretations expressed herein are outside the scope of UKAS accreditation. The results relate only to the items tested and where relevant sampled.

Tests marked 'Not UKAS Accredited' in this Report/Certificate are not included in the UKAS Accreditation Schedule for our laboratory.

This test report is not a statement of conformity to any specification or standard.

This communication has been sent to you by ALS Environmental Ltd. Registered in England and Wales. Registration No. 02148934. Registered Office: ALS Environmental Limited, Torrington Avenue, Coventry, CV4 9GU.

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Certificate of Analysis

ANALYSED BY



Report Number: **COV/1938098/2020**

Laboratory Number: **19781860**

Sample Source: **KEPAK**

Sample Point Description:

Sample Description: **8 x PP8**

Sample Matrix: **Trade Effluent**

Sample Date/Time: **15 October 2020 07:00**

Sample Received: **15 October 2020**

Analysis Complete: **24 November 2020**

Issue **1**

Sample **1** of **3**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Oil and Grease	2.09	mg/l	24/11/2020	Y S	SUBCON
pH	6.8	pH units	17/10/2020	Y Cov	WAS039
Ammoniacal Nitrogen as N	9.00	mg/l	19/10/2020	Y Cov	WAS036
Total Suspended Solids	42.0	mg/l	22/10/2020	Y Cov	WAS006
Dissolved Oxygen, Fixed	<0.5	mg/l	19/10/2020	N Cov	WAS052
COD (Total)	260	mg/l	20/10/2020	Y Cov	WAS040
Azinphos-ethyl	<0.043	ug/l	10/11/2020	Y Cov	GEO47
Azinphos-methyl	<0.035	ug/l	10/11/2020	Y Cov	GEO47
Carbophenothion	<0.067	ug/l	10/11/2020	Y Cov	GEO47
Chlorfenvinphos	<0.044	ug/l	10/11/2020	Y Cov	GEO47
Chlorpyrifos	<0.032	ug/l	10/11/2020	Y Cov	GEO47
Diazinon	0.063	ug/l	10/11/2020	Y Cov	GEO47
Dichlorvos	<0.025	ug/l	10/11/2020	Y Cov	GEO47
Dimethoate	<0.07	ug/l	10/11/2020	Y Cov	GEO47
Fenitrothion	<0.045	ug/l	10/11/2020	Y Cov	GEO47
Fenthion	<0.049	ug/l	10/11/2020	Y Cov	GEO47
Malathion	<0.049	ug/l	10/11/2020	Y Cov	GEO47
Mevinphos	<0.042	ug/l	10/11/2020	Y Cov	GEO47
Parathion-ethyl	<0.043	ug/l	10/11/2020	Y Cov	GEO47
Parathion-methyl	<0.038	ug/l	10/11/2020	Y Cov	GEO47
Phorate	<0.060	ug/l	10/11/2020	Y Cov	GEO47
Phosalone	<0.074	ug/l	10/11/2020	Y Cov	GEO47
Pirimiphos-methyl	<0.045	ug/l	10/11/2020	Y Cov	GEO47

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Certificate of Analysis

ANALYSED BY



Report Number: **COV/1938098/2020**

Laboratory Number: **19781860**

Issue **1**

Sample **1** of **3**

Sample Source: **KEPAK**

Sample Point Description:

Sample Description: **8 x PP8**

Sample Matrix: **Trade Effluent**

Sample Date/Time: **15 October 2020 07:00**

Sample Received: **15 October 2020**

Analysis Complete: **24 November 2020**

Test Description	Result	Units	Analysis Date	Accreditation	Method
Propetamphos	<0.035	ug/l	10/11/2020	Y Cov	GEO47
Triazophos	<0.042	ug/l	10/11/2020	Y Cov	GEO47
Anionic surfactants (MBAS)	0.204	mg/l	23/10/2020	Y S	SUBCON

Analyst Comments for 19781860:

Reporting limits raised for pesticides due to nature of sample matrix.

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:

Name: **P. Johal**

Date: **24 November 2020**

Title: **Waste Business Manager**

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Certificate of Analysis

ANALYSED BY



Report Number: **COV/1938098/2020**

Laboratory Number: **19781861**

Issue **1**

Sample **2** of **3**

Sample Source: **KEPAK**

Sample Point Description:

Sample Description: **W1 x 2**

Sample Matrix: **Trade Effluent**

Sample Date/Time: **15 October 2020 07:00**

Sample Received: **15 October 2020**

Analysis Complete: **24 November 2020**

Test Description	Result	Units	Analysis Date	Accreditation		Method
Oil and Grease	1.11	mg/l	27/10/2020	Y	S	SUBCON
pH	7.4	pH units	17/10/2020	Y	Cov	WAS039
Ammoniacal Nitrogen as N	10.1	mg/l	19/10/2020	Y	Cov	WAS036
Total Suspended Solids	12.0	mg/l	22/10/2020	Y	Cov	WAS006
Dissolved Oxygen, Unfixed	0.6	mg/l	19/10/2020	N	Cov	WAS052
COD (Total)	66.0	mg/l	20/10/2020	Y	Cov	WAS040

Analyst Comments for 19781861:

No Analyst Comment

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:

Name: **P. Johal**

Date: **24 November 2020**

Title: **Waste Business Manager**

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Certificate of Analysis

ANALYSED BY



Report Number: **COV/1938098/2020**

Laboratory Number: **19781862**

Issue **1**

Sample **3** of **3**

Sample Source: **KEPAK**

Sample Point Description:

Sample Description: **W2 x 2**

Sample Matrix: **Trade Effluent**

Sample Date/Time: **15 October 2020 07:00**

Sample Received: **15 October 2020**

Analysis Complete: **24 November 2020**

Test Description	Result	Units	Analysis Date	Accreditation		Method
Oil and Grease	<0.60	mg/l	27/10/2020	Y	S	SUBCON
pH	7.9	pH units	17/10/2020	Y	Cov	WAS039
Ammoniacal Nitrogen as N	<0.41	mg/l	19/10/2020	Y	Cov	WAS036
Total Suspended Solids	1.00	mg/l	22/10/2020	Y	Cov	WAS006
Dissolved Oxygen, Unfixed	6.9	mg/l	19/10/2020	N	Cov	WAS052
COD (Total)	<11.0	mg/l	20/10/2020	Y	Cov	WAS040

Analyst Comments for 19781862:

No Analyst Comment

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: CHE = Chester(CH5 3US), COV = Coventry(CV4 9GU), OTT = Otterbourne(SO21 2RU), S = Subcontracted, TRB = Subcontracted to Trowbridge(BA14 0XD), WAK = Wakefield(WF5 9TG), F = Data supplied by customer.

For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

Signed:

Name: **P. Johal**

Date: **24 November 2020**

Title: **Waste Business Manager**

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ANALYST COMMENTS FOR REPORT COV/1938098/2020

Issue 1

This issue replaces
all previous issues

Date of Issue: **24 November 2020**

Sample No	Analysis Comments
19781860	Reporting limits raised for pesticides due to nature of sample matrix.
19781861	
19781862	

Signed:

Name: **P. Johal**

Date: **24 November 2020**

Title: **Waste Business Manager**



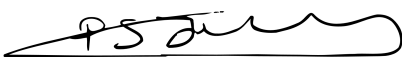
DETERMINAND COMMENTS FOR REPORT COV/1938098/2020

Date of Issue: 24 November 2020

ISSUE 1

This issue replaces
all previous issues

Sample No	Description	Determinand	Comments

Signed:		Name: P. Johal	Date: 24 November 2020
		Title: Waste Business Manager	

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