

Kylie Roche
Kimberly-Clark
Aber Park
Aber Road
Coleshill Mill
Flint
Clwyd
CH6 5EX

Dear Kylie

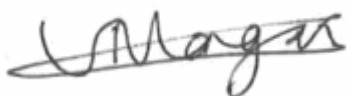
Please find attached the results for the batch of 1 samples described below.

Samples Registered on:	11-Aug-2017
Analysis Started on:	11-Aug-2017
Analysis Completed on:	24-Aug-2017
Results for Batch Number	20112368
Your Purchase Order Number:	4300533021

You will be invoiced shortly by our accounts department.

If we can be of further assistance then please do not hesitate to contact us.

Yours sincerely



Vici Morgan
Customer Services Team Manager

Tel: 0800 092 0786

nls@environment-agency.gov.uk

Opinions and interpretations expressed herein are outside the scope of UKAS Accreditation. Details of analytical procedures and performance data are available on request. The date of sample analysis is available on request.

The Environment Agency carries out analytical work to high standards and within the scope of its UKAS accreditation, but has no knowledge of whether the circumstances or the validity of the procedures used to obtain the samples provided to the laboratory were representative of the need for which the information was required.

The Environment Agency and/or its staff does not therefore accept any liability for the consequences of any acts or omissions made on the basis of the analysis or advice or interpretation provided.

Client: Kimberly-Clark

Project: 13907 Priority Hazardous Substances

Quote Description: Priority Hazardous Substances

Folder No: 003955410

Sampled on: 10-Aug-17 @ 10:00

Comments: TET Sump

Quote No: 13907

Matrix: Trade to Controlled Waters

Analyte	Result	Units	Flag	MRV	Accred	Lab ID	Testcode
DDT : Sum of components	<0.00800	ug/l			None	NLS	864
PAH : Total :- {Polynuclear Aromatic Hydrocarbons}	<0.0800	ug/l			None	NLS	864
Cadmium, Dissolved	<0.1	ug/l	DD	0.1	UKAS	SX	33
Lead, Dissolved	<2	ug/l	DD	2	UKAS	SX	33
Nickel, Dissolved	27.3	ug/l	DD	1	UKAS	SX	33
Cadmium	<0.1	ug/l	DD	0.1	UKAS	SX	34
Lead	<2	ug/l	DD	2	UKAS	SX	34
Nickel	9.01	ug/l	DD	1	UKAS	SX	34
Mercury, Dissolved	<0.01	ug/l	DD	0.01	UKAS	SX	248
Mercury	0.0437	ug/l	DD	0.01	UKAS	SX	247
4-Nonylphenol Branched	<0.3	ug/l	DD	0.2	UKAS	NM	56
ELEVATED_MRV : Matrix interference							
Aldrin	<0.002	ug/l	DD	0.002	UKAS	SX	848
DDE -pp	<0.002	ug/l	DD	0.002	UKAS	SX	848
DDT -op	<0.004	ug/l	DD	0.004	UKAS	SX	848
DDT -pp	<0.004	ug/l	DD	0.004	UKAS	SX	848
Dieldrin	<0.004	ug/l	DD	0.004	UKAS	SX	848
Endosulfan A	<0.01	ug/l	DD	0.01	UKAS	SX	848
Endosulfan B	<0.01	ug/l	DD	0.01	UKAS	SX	848
Endrin	<0.004	ug/l	DD	0.004	UKAS	SX	848
HCH -alpha	<0.004	ug/l	DD	0.004	UKAS	SX	848
HCH -beta	NoResult	ug/l	DD	0.004	UKAS	SX	848
HCH -delta	<0.004	ug/l	DD	0.004	UKAS	SX	848
HCH -epsilon	<0.004	ug/l	DD	0.004	UKAS	SX	848
HCH -gamma :- {Lindane}	0.0162	ug/l	DD	0.004	UKAS	SX	848
Hexachlorobenzene	<0.002	ug/l	DD	0.002	UKAS	SX	848
Hexachlorobutadiene	<0.004	ug/l	DD	0.004	UKAS	SX	848
Isodrin	<0.004	ug/l	DD	0.004	UKAS	SX	848
Pentachlorobenzene	<0.002	ug/l	DD	0.002	UKAS	SX	848
TDE - pp	<0.004	ug/l	DD	0.004	UKAS	SX	848
Trifluralin	<0.04	ug/l	DD	0.04	UKAS	SX	848
Atrazine	<0.01	ug/l	DD	0.01	UKAS	SX	849
Chlorfenvinphos	<0.01	ug/l	DD	0.01	UKAS	SX	849
Chlorpyrifos-ethyl	<0.01	ug/l	DD	0.01	UKAS	SX	849
Simazine	<0.01	ug/l	DD	0.01	UKAS	SX	849
Tributyl Tin as Cation	<0.003	ug/l	DC, DD	0.003	None	SX	59

Anthracene	<0.01	ug/l	DD	0.01	UKAS	SX	852
Benzo(a)pyrene	<0.01	ug/l	DD	0.01	UKAS	SX	852
Benzo(b)fluoranthene	<0.01	ug/l	DD	0.01	UKAS	SX	852
Benzo(ghi)perylene	<0.01	ug/l	DD	0.01	UKAS	SX	852
Benzo(k)fluoranthene	<0.01	ug/l	DD	0.01	UKAS	SX	852
Fluoranthene	<0.01	ug/l	DD	0.01	UKAS	SX	852
Indeno(1,2,3-cd)pyrene	<0.01	ug/l	DD	0.01	UKAS	SX	852
Naphthalene	<0.01	ug/l	DD	0.01	UKAS	SX	852
Pentachlorophenol	0.534	ug/l	DD	0.02	UKAS	NM	62
1,2,3-Trichlorobenzene	<0.1	ug/l	DD	0.1	None	SX	1296
1,2,4-Trichlorobenzene	<0.1	ug/l	DD	0.1	None	SX	1296
1,2-Dichloroethane	<0.1	ug/l	DD	0.1	UKAS	SX	1296
1,3,5-Trichlorobenzene	<0.1	ug/l	DD	0.1	None	SX	1296
Benzene	<0.1	ug/l	DD	0.1	UKAS	SX	1296
Carbon tetrachloride :- {Tetrachloromethane}	<0.1	ug/l	DD	0.1	UKAS	SX	1296
Chloroform :- {Trichloromethane}	<0.1	ug/l	DD	0.1	UKAS	SX	1296
Dichloromethane :- {Methylene Dichloride}	<0.5	ug/l	DD	0.5	UKAS	SX	1296
Tetrachloroethylene :- {Perchloroethylene}	<0.1	ug/l	DD	0.1	UKAS	SX	1296
Trichloroethylene :- {Trichloroethene}	<0.1	ug/l	DD	0.1	None	SX	1296
Diuron	0.0149	ug/l	DD	0.01	None	SX	1131
Isoproturon	<0.01	ug/l	DD	0.01	None	SX	1131
2,2,4,4,5,5-Hexabromodiphenyl ether :- {PBDE 153}	<0.00006	ug/l	DD	0.00006	None	NM	137
2,2,4,4,5,6-Hexabromodiphenyl ether :- {PBDE 154}	<0.00006	ug/l	DD	0.00006	None	NM	137
2,2,4,4,5-Pentabromodiphenyl ether :- {PBDE 99}	<0.00006	ug/l	DD	0.00006	None	NM	137
2,2,4,4,6-Pentabromodiphenyl ether :- {PBDE 100}	<0.00006	ug/l	DD	0.00006	None	NM	137
2,2,4,4-Tetrabromodiphenyl ether :- {PBDE 47}	<0.00006	ug/l	DD	0.00006	None	NM	137
2,4,4-Tribromodiphenyl ether :- {PBDE 28}	<0.00006	ug/l	DD	0.00006	None	NM	137
Di-2-ethylhexyl phthalate :- {DEHP}	<0.3	ug/l	DD	0.3	None	NM	639

Method Description Summary for all samples in batch Number 20112368

33	SX M ICPMS Routine - Metals - filtered; acid digested; determined by ICPMS
34	SX M ICPMS Routine - Metals - acid digested; determined by ICPMS
56	NM O ALKYL PHENOLS - Nonyl; Octyl Phenols - solvent extracted; determined by GCMS
59	SX O TINS - Organotins (speciated) - solvent extracted; determined by GCMS
62	SX O PHENOLS or NM O PHENOLS - Phenols (speciated) - solvent extracted; PFB derivitised; determined by GCMS
137	NM O PBDE - Liquid/Liquid Extraction, clean-up with column chromatography and analysis via GCMS/NCI
247	SX M Mercury - determined by CV-AFS
248	SX M Mercury - filtered; determined by CV-AFS
639	NM O DEHP - solvent extracted; determined by GCMS
848	SX O OCP - OCPs, PCBs - solvent extracted; determined by GCMS (SIM)
849	SX O ONP - solvent extracted; determined by GCMS (SIM)
852	SX O PAH - (speciated) - solvent extracted; determined by GCMS
864	Parameter by calculation
1131	SX O Urocarb - direct aqueous injection by LCMS triple quad
1296	SX O VOLATILES - direct aqueous injected; determined by P and T GCMS



James Trout
Laboratory Site Manager

Any additional accompanying reports received should be used in conjunction with the formal PDF and not as a standalone report. The formal PDF report provides full details of the accreditation status, sample deviation information and any other relevant related information.

All reporting limits quoted are those achievable for clean samples of the relevant matrix. No allowance is made for instances when dilutions are necessary owing to the nature of the sample or insufficient volume of the sample being available. In these cases higher reporting limits may be quoted and will be above the MRV.

Minimum Reporting Value (MRV). A minimum concentration selected for reporting purposes (i.e. the less than value), which is higher than the statistically derived method limit of detection.

Solid sample results are determined on a "dried" sample fraction except for parameters where the method description identifies that "as received" sample was used.

Uncertainty of Measurement information relating to sample results is supplied upon request. Uncertainty is estimated from the performance of routine quality control standards, using the calculation $2 \times \text{Relative Standard Deviation} + \text{Bias}$. This is based on the guidance issued by the UKTAG Chemistry task team - Guidance on the implementation of the Quality Assurance/Quality Control requirements' associated with Commission Directive 2009/90/EC, Article 4 (UoM = $2 \times \% \text{RSD}$), with a contribution added for the bias.

Key to Results Flags:

DC Analysis started outside of specified stability time. It is possible that the results may be compromised.

DD Sample not transported in temperature controlled environment It is possible results may be compromised

The analysis start date specified is the date of the first test, dates for other analysis are available on request.

Please note all samples will be retained for 10 working days for aqueous samples and 30 working days for solid samples after reporting unless otherwise agreed with Customer Services

Key to Accreditation: UKAS = Methodology accredited to ISO/IEC 17025:2005, MCertS = Methodology accredited to MCertS Performance Standard for testing of soils, none = Methodology not accredited

Key to Lab ID: LE = Leeds, NM = Nottingham, SX = Starcross, SC = Sub-Contracted outside NLS, FI = Field Data - outside NLS, NLS = Calculated

Any subsequent version of this report denoted with a higher version number will supersede this and any previous versions

END OF TEST REPORT