



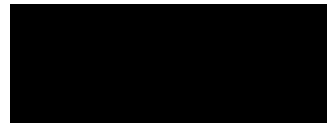
i2 Analytical Ltd.
7 Woodshots Meadow,
Croxley Green
Business Park,
Watford,
Herts,
WD18 8YS

t: 01923 225404
f: 01923 237404
e: reception@i2analytical.com

e: [Redacted]

Analytical Report Number : 22-71126

Project / Site name:	Stoney Hill	Samples received on:	14/07/2022
Your job number:	28367	Samples instructed on/ Analysis started on:	14/07/2022
Your order number:		Analysis completed by:	27/07/2022
Report Issue Number:	1	Report issued on:	27/07/2022
Samples Analysed:	6 water samples		



Reporting Specialist
For & on behalf of i2 Analytical Ltd.

Standard Geotechnical, Asbestos and Chemical Testing Laboratory located at: ul. Pionierów 39, 41 -711 Ruda Śląska, Poland.

Accredited tests are defined within the report, opinions and interpretations expressed herein are outside the scope of accreditation.

Standard sample disposal times, unless otherwise agreed with the laboratory, are :

soils	- 4 weeks from reporting
leachates	- 2 weeks from reporting
waters	- 2 weeks from reporting
asbestos	- 6 months from reporting

Excel copies of reports are only valid when accompanied by this PDF certificate.

Any assessments of compliance with specifications are based on actual analytical results with no contribution from uncertainty of measurement. Application of uncertainty of measurement would provide a range within which the true result lies. An estimate of measurement uncertainty can be provided on request.

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Lab Sample Number	2348713				2348714				2348715				2348716				2348717			
Sample Reference	W27				W10A				LTP				VP73				W242			
Sample Number	None Supplied				None Supplied				None Supplied				None Supplied				None Supplied			
Depth (m)	6.96				10.30				0.00				11.87				7.59			
Date Sampled	12/07/2022				12/07/2022				12/07/2022				12/07/2022				12/07/2022			
Time Taken	1115				1055				1250				1200				1215			
Analytical Parameter (Water Analysis)	Units	Limit of detection	Accreditation Status																	

PCBs by GC-MS

PCB Congener	Units	Limit of detection	Accreditation Status	2348713	2348714	2348715	2348716	2348717
PCB Congener 28	µg/l	0.02	NONE	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
PCB Congener 52	µg/l	0.02	NONE	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
PCB Congener 101	µg/l	0.02	NONE	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
PCB Congener 118	µg/l	0.02	NONE	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
PCB Congener 138	µg/l	0.02	NONE	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
PCB Congener 153	µg/l	0.02	NONE	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
PCB Congener 180	µg/l	0.02	NONE	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02

PCBs by GC-MS

Total PCBs	Units	Limit of detection	Accreditation Status	2348713	2348714	2348715	2348716	2348717
Total PCBs	µg/l	0.14	NONE	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14

PCBs – WHO12

PCB Congener	Units	Limit of detection	Accreditation Status	2348713	2348714	2348715	2348716	2348717
PCB Congener 77	µg/l	0.02	NONE	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
PCB Congener 81	µg/l	0.02	NONE	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
PCB Congener 105	µg/l	0.02	NONE	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
PCB Congener 114	µg/l	0.02	NONE	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
PCB Congener 118	µg/l	0.02	NONE	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
PCB Congener 123	µg/l	0.02	NONE	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
PCB Congener 126	µg/l	0.02	NONE	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
PCB Congener 156	µg/l	0.02	NONE	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
PCB Congener 157	µg/l	0.02	NONE	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
PCB Congener 167	µg/l	0.02	NONE	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
PCB Congener 169	µg/l	0.02	NONE	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
PCB Congener 189	µg/l	0.02	NONE	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020

Total PCBs – WHO12

Total PCBs	Units	Limit of detection	Accreditation Status	2348713	2348714	2348715	2348716	2348717
Total PCBs	µg/l	0.3	NONE	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300

Environmental Forensics

Parameter	Units	Limit of detection	Accreditation Status	2348713	2348714	2348715	2348716	2348717
p-Chloronitrobenzene	ug/L	1	NONE	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

U/S = Unsuitable Sample I/S = Insufficient Sample

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Lab Sample Number				2348718
Sample Reference				W139
Sample Number				None Supplied
Depth (m)				7.95
Date Sampled				12/07/2022
Time Taken				1235
Analytical Parameter (Water Analysis)	Units	Limit of detection	Accreditation Status	

PCBs by GC-MS

PCB Congener 28	µg/l	0.02	NONE	< 0.02
PCB Congener 52	µg/l	0.02	NONE	< 0.02
PCB Congener 101	µg/l	0.02	NONE	< 0.02
PCB Congener 118	µg/l	0.02	NONE	< 0.02
PCB Congener 138	µg/l	0.02	NONE	< 0.02
PCB Congener 153	µg/l	0.02	NONE	< 0.02
PCB Congener 180	µg/l	0.02	NONE	< 0.02

PCBs by GC-MS

Total PCBs	µg/l	0.14	NONE	< 0.14
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PCBs – WHO12

PCB Congener 77	µg/l	0.02	NONE	< 0.020
PCB Congener 81	µg/l	0.02	NONE	< 0.020
PCB Congener 105	µg/l	0.02	NONE	< 0.020
PCB Congener 114	µg/l	0.02	NONE	< 0.020
PCB Congener 118	µg/l	0.02	NONE	< 0.020
PCB Congener 123	µg/l	0.02	NONE	< 0.020
PCB Congener 126	µg/l	0.02	NONE	< 0.020
PCB Congener 156	µg/l	0.02	NONE	< 0.020
PCB Congener 157	µg/l	0.02	NONE	< 0.020
PCB Congener 167	µg/l	0.02	NONE	< 0.020
PCB Congener 169	µg/l	0.02	NONE	< 0.020
PCB Congener 189	µg/l	0.02	NONE	< 0.020

Total PCBs – WHO12

Total PCBs	µg/l	0.3	NONE	< 0.300
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Environmental Forensics

p-Chloronitrobenzene	ug/L	1	NONE	< 1.0
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U/S = Unsuitable Sample I/S = Insufficient Sample

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Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
PCBs By GC-MS in water	Determination of PCB by extraction with acetone and hexane followed by GC-MS.	In-house method based on USEPA 8082	L028-PL	W	NONE
PCBs WHO 12 in water	Determination of PCB by extraction with acetone and hexane followed by GC-MS.	In-house method based on USEPA 8082	L028-UK	W	NONE
EF - Chloronitrobenzenes in water	EF - Chloronitrobenzenes in water	In-house methods		W	NONE

For method numbers ending in 'UK' analysis have been carried out in our laboratory in the United Kingdom.

For method numbers ending in 'PL' analysis have been carried out in our laboratory in Poland.

Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30oC.

Unless otherwise indicated, site information, order number, project number, sampling date, time, sample reference and depth are provided by the client. The instructed on date indicates the date on which this information was provided to the laboratory.

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This deviation report indicates the sample and test deviations that apply to the samples submitted for analysis. Please note that the associated result(s) may be unreliable and should be interpreted with care.

Sample ID	Other ID	Sample Type	Lab Sample Number	Sample Deviation	Test Name	Test Ref	Test Deviation
LTP	None Supplied	W	2348715	b	EF - Chloronitrobenzenes in water	None Supplied	b
VP73	None Supplied	W	2348716	b	EF - Chloronitrobenzenes in water	None Supplied	b
W10A	None Supplied	W	2348714	b	EF - Chloronitrobenzenes in water	None Supplied	b
W139	None Supplied	W	2348718	b	EF - Chloronitrobenzenes in water	None Supplied	b
W242	None Supplied	W	2348717	b	EF - Chloronitrobenzenes in water	None Supplied	b
W27	None Supplied	W	2348713	b	EF - Chloronitrobenzenes in water	None Supplied	b