

██████████
Telford & Wrekin Council
Addenbrooke House
Ironmasters Way
Town Centre
Telford

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: ██████████

Analytical Report Number : 19-71870

Replaces Analytical Report Number : 19-71870, issue no. 1

Project / Site name:	Stoney Hill	Samples received on:	14/11/2019
Your job number:	EI 236	Samples instructed on:	14/11/2019
Your order number:		Analysis completed by:	28/11/2019
Report Issue Number:	2	Report issued on:	02/12/2019
Samples Analysed:	1 water sample		

████████████████████
Senior Quality 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.

Analytical Report Number: 19-71870

Project / Site name: Stoney Hill

Lab Sample Number				1362161				
Sample Reference				W142				
Sample Number				None Supplied				
Depth (m)				2.72				
Date Sampled				08/11/2019				
Time Taken				1115				
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				
------------	------	------	------	--------	--	--	--	--

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	µg/l	0.3	NONE	< 0.300				

Environmental Forensics

1-chloro-4-nitrobenzene	µg/l	0.2	NONE	< 0.2				
-------------------------	------	-----	------	-------	--	--	--	--

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

Analytical Report Number : 19-71870

Project / Site name: Stoney Hill

Water matrix abbreviations: Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Water (PrW)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
PCB's 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

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 30°C.