

[Redacted]

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Analytical Report Number : 19-67723

Project / Site name:	Stoney Hill	Samples received on:	22/10/2019
Your job number:	EI236	Samples instructed on:	22/10/2019
Your order number:		Analysis completed by:	30/10/2019
Report Issue Number:	1	Report issued on:	30/10/2019
Samples Analysed:	8 water samples		

[Redacted Signature]

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: 19-67723

Project / Site name: Stoney Hill

Lab Sample Number					1340390	1340391	1340392	1340393	1340394
Sample Reference					10A	27	69	VP73	104
Sample Number					None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)					None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Date Sampled					Deviating	Deviating	Deviating	Deviating	Deviating
Time Taken					None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Water Analysis)	Units	Limit of detection	Accreditation Status						

PCBs by GC-MS

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

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	µg/l	0.3	NONE	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300

Environmental Forensics

p-Chloronitrobenzene	µg/l	1	NONE	< 1	< 1	< 1	< 1	< 1
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Analytical Report Number: 19-67723

Project / Site name: Stoney Hill

Lab Sample Number				1340395	1340396	1340397		
Sample Reference				139	86	LTP		
Sample Number				None Supplied	None Supplied	None Supplied		
Depth (m)				None Supplied	None Supplied	None Supplied		
Date Sampled				Deviating	Deviating	Deviating		
Time Taken				None Supplied	None Supplied	None Supplied		
Analytical Parameter (Water Analysis)	Units	Limit of detection	Accreditation Status					

PCBs by GC-MS

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

PCBs by GC-MS

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

PCB Congener 77	µg/l	0.02	NONE	< 0.020	< 0.020	< 0.020		
PCB Congener 81	µg/l	0.02	NONE	< 0.020	< 0.020	< 0.020		
PCB Congener 105	µg/l	0.02	NONE	< 0.020	< 0.020	< 0.020		
PCB Congener 114	µg/l	0.02	NONE	< 0.020	< 0.020	< 0.020		
PCB Congener 118	µg/l	0.02	NONE	< 0.020	< 0.020	< 0.020		
PCB Congener 123	µg/l	0.02	NONE	< 0.020	< 0.020	< 0.020		
PCB Congener 126	µg/l	0.02	NONE	< 0.020	< 0.020	< 0.020		
PCB Congener 156	µg/l	0.02	NONE	< 0.020	< 0.020	< 0.020		
PCB Congener 157	µg/l	0.02	NONE	< 0.020	< 0.020	< 0.020		
PCB Congener 167	µg/l	0.02	NONE	< 0.020	< 0.020	< 0.020		
PCB Congener 169	µg/l	0.02	NONE	< 0.020	< 0.020	< 0.020		
PCB Congener 189	µg/l	0.02	NONE	< 0.020	< 0.020	< 0.020		
Total PCBs	µg/l	0.3	NONE	< 0.300	< 0.300	< 0.300		

Environmental Forensics

p-Chloronitrobenzene	µg/l	1	NONE	< 1	< 1	< 1		
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Analytical Report Number : 19-67723

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 30oC.

Sample Deviation Report



Sample ID	Other_ID	Sample Type	Job	Sample Number	Sample Deviation Code	test_name	test_ref	Test Deviation code
	104	W	19-67723	1340394	a			
10A		W	19-67723	1340390	a			
	139	W	19-67723	1340395	a			
	27	W	19-67723	1340391	a			
	69	W	19-67723	1340392	a			
	86	W	19-67723	1340396	a			
LTP		W	19-67723	1340397	a			
VP73		W	19-67723	1340393	a			