NICHOLLS
BOREHOLES & GROUND SOURCE

Certification and sampling

Project name: Greenacres, Hurston Lane, Storrington, RH20 4HH

Date submitted: 24.04.25

As agreed with the local EHO, post filtration samples were collected from the kitchen taps at each of the 6 properties. It was agreed that a full suite would be required for one property with the remaining only requiring bacteria only.

Certification.
Nicholls engineers are certified under the DWI certification of persons scheme for sampling private water supplies in accordance with ISO 5667-11.
The engineer for this set of sampling was Mr Vangau his certificate number is CATG-PWS-662

Sampling.
During the sampling the engineer ensured that samples were not contaminated and oversaw the transportation of the samples in a temperature-controlled container for storage within a temperature controlled refrigerator at Nicholls office until the collection. The collection of the samples was done by a South East Water courier, who transferred to a temperature controlled vehicle and transported to South East Waters laboratory within 24 hours of sampling. Water samples were analysed by South East Water Scientific Services, which is a UKAS accredited lab.

Sample results.
Please refer to the lab certificates below. Certificate numbers listed below.

- NICHOLLSBO-1390488-2-FINAL-4988520
- NICHOLLSBO-1390504-1-FINAL-4988521
- NICHOLLSBO-1390505-1-FINAL-4988522
- NICHOLLSBO-1390506-1-FINAL-4988523
- NICHOLLSBO-1390507-1-FINAL-4988524
- NICHOLLSBO-1390508-1-FINAL-4988525

South East Water Scientific Services
3 Columbus Drive, Farnborough
Hampshire, GU14 0NZ
E-Mail: sales@southeastwater.co.uk
Website: www.sewscientificservices.co.uk

south east water
scientific services

ANALYTICAL REPORT

NICHOLLS BOREHOLES
Brownings Barn
Glasshouse Lane
Kirdford
West Sussex
RH14 0LW

Certificate Number: 1390488-2 Final
Supercedes report 1390488-1

Order Number: BH1361

Date Received: 11/03/2025

Date Reported: 11/04/2025

Lab Ref.	Sample Details	Method	Test	Result	Units	Limit	Flag
4988520	Desc: BH1361 HOUSE 1 Order No: BH1361 Received Date: 11/03/2025 Tested Date: 11/03/2025 Sampling Date: 10/03/2025 03:00 Sample Type: GW : Ground Water Product: SS-DWREGS	255	Ammonium (Ammonia and Ammonium Ions)	<0.020	mg/l	<0.500	
		245	Nitrate	1.6	mg/l	<50.0	
		225	Nitrite	<0.004	mg/l	<0.500	
		calc	Nitrite/Nitrate	0.032	mg/l	<1.000	*
		305	Sulphate	54.9	mg/l	<250.0	
		230	Odour - Qualitative	None			*
		230	Odour - Quantitative	0			
		230	Taste - Qualitative	None			*
		230	Taste - Quantitative	0			*
		430	Colony Count 3 Days at 22°C	0	cfu/ml		
		400	E coli	0	mpn/100ml	0	
		400	Total Coliforms	0	mpn/100ml	0	
		660	Colour	<2	mg/l Pt/Co	<20	
		660	Conductivity	585	uS/cm		
		660	Hydrogen Ion (pH)	7.7	pH_unit	6.5 to 9.5	
		660	Turbidity	<0.120	NTU	<4.000	
		ext	Acrylamide	<0.006	µg / l	<0.100	
		ext	Epichloroydrin	<0.1	µg / l	<0.11	*
		ext	Vinyl Chloride	<0.113	µg / l	<0.500	
		3401	Bromate	<0.8	µg / l	<10.0	
		390	Enterococci	0	cfu/100ml	0	
		5413	Total Cyanide	<4.1	µg / l	<50.0	
		765	Mercury	0.11	µg / l	<1.00	
		745	Antimony	<0.2	µg / l	<5.0	
		745	Arsenic	<1.0	µg / l	<10.0	
		745	Selenium	<0.8	µg / l	<10.0	
		740	Boron	0.083	mg/l	<1.000	
		740	Calcium	117.0	mg/l		
		740	Magnesium	6.2	mg/l		
		740	Sodium	17.6	mg/l	<200.0	
		3371	Fluoride	0.142	mg/l	<1.500	
		3545	2,4,5-T	<0.007	µg / l	<0.100	

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ext - Analysis subcontracted to an external laboratory

UKAS TESTING
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Certificate Number: 1390488-2 Final
Supercedes report 1390488-1

Order Number: BH1361

Lab Ref.	Sample Details	Method	Test	Result	Units	Limit	Flag
4988520	Continued from Page 1	3545	2,4-D	<0.007	µg / l	<0.100	
		3545	Bentazone	<0.007	µg / l	<0.100	
		3545	Bromoxynil	<0.007	µg / l	<0.100	
		3545	Dicamba	<0.020	µg / l	<0.100	
		3545	Dichlorprop	<0.003	µg / l	<0.100	
		3545	Fluroxypyr	<0.008	µg / l	<0.100	
		3545	MCPA	<0.008	µg / l	<0.100	
		3545	MCPB	<0.008	µg / l	<0.100	
		3545	Mecoprop (MCPP)	<0.005	µg / l	<0.100	
		3545	Triclopyr	<0.015	µg / l	<0.100	
		2587	Atrazine	<0.002	µg / l	<0.100	
		2587	Carbendazim	<0.001	µg / l	<0.100	
		2587	Carbetamide	<0.002	µg / l	<0.100	
		2587	Chlortoluron	<0.003	µg / l	<0.100	
		2587	Diuron	<0.004	µg / l	<0.100	
		2587	Epoxiconazole	<0.003	µg / l	<0.100	
		2587	Flutriafol	<0.003	µg / l	<0.100	
		2587	Isoproturon	<0.003	µg / l	<0.100	
		2587	Linuron	<0.003	µg / l	<0.100	
		2587	Oxadixyl	<0.003	µg / l	<0.100	
		2587	Pendimethalin	<0.007	µg / l	<0.100	
		2587	Prometryn	<0.002	µg / l	<0.100	
		2587	Propazine	<0.002	µg / l	<0.100	
		2587	Simazine	<0.003	µg / l	<0.100	
		2587	Terbutryn	<0.002	µg / l	<0.100	
		2587	Trietazine	<0.004	µg / l	<0.100	
		480	Benzo (a) pyrene	<0.003	µg / l	<0.010	
		480	Benzo(1,12)perylene	<0.003	µg / l		
		480	Benzo(11,12)fluoranthene	<0.003	µg / l		
		480	Benzo(3,4)fluoranthene	<0.003	µg / l		
		480	Indeno(1,2,3-cd)pyrene	<0.003	µg / l		
		calc	PAH Total	0.000	ug/l	<0.100	*
		775	1,1,1 Trichloroethane	<0.60	µg / l		
		775	1,2-Dichloroethane	<0.12	µg / l	<3.00	
		775	Benzene	<0.02	µg / l	<1.00	
		775	Dibromochloromethane	1.03	µg / l		
		775	Dichlorobromomethane	0.52	µg / l		
		775	Tetrachloroethene	<0.15	µg / l	<10.00	
		calc	Tetrachloroethene/Trichloroethene- Sum	0.00	µg / l		*
		775	Tetrachloromethane	<0.11	µg / l	<3.00	
		calc	Total Trihalomethanes	1.55	µg / l	<100.00	*
		775	Tribromomethane	<0.60	µg / l		
		775	Trichloroethene	<0.10	µg / l	<10.00	
		775	Trichloromethane	<0.50	µg / l		
		730	Aluminium	<6.1	µg / l	<200.0	

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Certificate Number: 1390488-2 Final
Supercedes report 1390488-1

Order Number: BH1361

Lab Ref.	Sample Details	Method	Test	Result	Units	Limit	Flag
4988520	Continued from Page 2	730	Iron	<7.3	µg / l	<200.0	
		730	Manganese	17.3	µg / l	<50.0	
		735	Cadmium	<0.12	µg / l	<5.00	
		735	Chromium	<1.0	µg / l	<50.0	
		730	First Draw Copper	<0.009	mg/l	<2.000	
		730	First Draw Lead	<0.9	µg / l	<10.0	
		730	First Draw Nickel	<0.9	µg / l	<20.0	
		360	Clostridium perfringens (including spore	0	cfu/100ml	0	
		calc	Pesticides - Total Substances	0.000	ug/l		*
		5823	Aldrin	<0.007	µg / l	<0.030	
		5823	Dichlobenil	<0.004	µg / l	<0.100	
		5823	Dieldrin	<0.006	µg / l	<0.030	
		5823	Gamma-HCH (Lindane)	<0.010	µg / l	<0.100	
		5823	Heptachlor	<0.009	µg / l	<0.030	
		5823	Heptachlor Epoxide	<0.005	µg / l	<0.030	
		5823	Propyzamide	<0.005	µg / l	<0.100	
		5823	Tri-allate	<0.005	µg / l	<0.100	
		730	Iron (Free)	<7.3	µg / l		
		295	Gross Alpha	<0.02	Bq/l	<0.10	
		295	Gross Beta	<0.28	Bq/l	<1.00	
		250	Total Organic Carbon	0.7	mg/l		
		calc	Hardness (CaCO3)	281.8	mg CaCO3/l		*
		205	Total Hardness	112.7	mg/l		

[redacted]

Richard Brown

Laboratory Manager

Nicholls Countryside Construction Ltd
Brownings Barn, Glasshouse Lane
Kirdford, West Sussex, RH14 0LW

Tel: 01403 820750
Fax: 01403 820721
enquiries@nichollsboreholes.co.uk

www.nichollsltd.com
www.nichollsboreholes.co.uk
Company Registration No: 04576707

South East Water Scientific Services
3 Columbus Drive, Farnborough
Hampshire, GU14 0NZ
E-Mail: sales@southeastwater.co.uk
Website: www.sewscientificservices.co.uk

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ANALYTICAL REPORT

NICHOLLS BOREHOLES
Brownings Barn
Glasshouse Lane
Kirdford
West Sussex
RH14 0LW

Date Received: 11/03/2025

Certificate Number: 1390504-1 Final

Order Number: BH1361

Date Reported: 14/03/2025

Lab Ref.	Sample Details	Method	Test	Result	Units	Limit	Flag
4988521	Desc: BH1361 HOUSE 2 Order No: BH1361 Received Date: 11/03/2025 Tested Date: 11/03/2025 Sampling Date: 10/03/2025 03:05 Sample Type: GW : Ground Water Product: SS-DWREGS	430	Colony Count 2 Days at 37°C	0	cfu/ml		
		430	Colony Count 3 Days at 22°C	52	cfu/ml		
		400	E coli	0	mpn/100ml	0	
		400	Total Coliforms	0	mpn/100ml	0	
		360	Clostridium perfringens (including spore	0	cfu/100ml	0	
		390	Enterococci	0	cfu/100ml	0	

[redacted]
Richard D Brown
Laboratory Manager

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ANALYTICAL REPORT

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West Sussex
RH14 0LW

Date Received: 11/03/2025

Certificate Number: 1390505-1 Final

Order Number: BH1361

Date Reported: 14/03/2025

Lab Ref.	Sample Details	Method	Test	Result	Units	Limit	Flag
4988522	Desc: BH1361 HOUSE 3 Order No: BH1361 Received Date: 11/03/2025 Tested Date: 11/03/2025 Sampling Date: 10/03/2025 03:10 Sample Type: GW : Ground Water Product: SS-DWREGS	430	Colony Count 2 Days at 37°C	1	cfu/ml		
		430	Colony Count 3 Days at 22°C	0	cfu/ml		
		400	E coli	0	mpn/100ml	0	
		400	Total Coliforms	0	mpn/100ml	0	
		360	Clostridium perfringens (including spore	0	cfu/100ml	0	
		390	Enterococci	0	cfu/100ml	0	

[redacted]

Richard D Brown

Laboratory Manager

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Hampshire, GU14 0NZ
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ANALYTICAL REPORT

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Brownings Barn
Glasshouse Lane
Kirdford
West Sussex
RH14 0LW

Certificate Number: 1390506-1 Final

Order Number: BH1361

Date Received: 11/03/2025

Date Reported: 14/03/2025

Lab Ref.	Sample Details	Method	Test	Result	Units	Limit	Flag
4988523	Desc: BH1361 HOUSE 4 Order No: BH1361 Received Date: 11/03/2025 Tested Date: 11/03/2025 Sampling Date: 10/03/2025 03:25 Sample Type: GW : Ground Water Product: SS-DWREGS	430	Colony Count 2 Days at 37°C	1	cfu/ml		
		430	Colony Count 3 Days at 22°C	0	cfu/ml		
		400	E coli	0	mpn/100ml	0	
		400	Total Coliforms	0	mpn/100ml	0	
		360	Clostridium perfringens (including spore	0	cfu/100ml	0	
		390	Enterococci	0	cfu/100ml	0	

[redacted]

Richard D Brown

Laboratory Manager

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Certificate Number: 1390507-1 Final

Order Number: BH1361

Date Received: 11/03/2025

Date Reported: 14/03/2025

Lab Ref.	Sample Details	Method	Test	Result	Units	Limit	Flag
4988524	Desc: BH1361 HOUSE 5 Order No: BH1361 Received Date: 11/03/2025 Tested Date: 11/03/2025 Sampling Date: 10/03/2025 03:20 Sample Type: GW : Ground Water Product: SS-DWREGS	430	Colony Count 2 Days at 37°C	2	cfu/ml		
		430	Colony Count 3 Days at 22°C	0	cfu/ml		
		400	E coli	0	mpn/100ml	0	
		400	Total Coliforms	0	mpn/100ml	0	
		360	Clostridium perfringens (including spore	0	cfu/100ml	0	
		390	Enterococci	0	cfu/100ml	0	

[redacted]

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Laboratory Manager

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Date Received: 11/03/2025

Certificate Number: 1390508-1 Final
Order Number: BH1361
Date Reported: 14/03/2025

Lab Ref.	Sample Details	Method	Test	Result	Units	Limit	Flag
4988525	Desc: BH1361 HOUSE 6 Order No: BH1361 Received Date: 11/03/2025 Tested Date: 11/03/2025 Sampling Date: 10/03/2025 03:15 Sample Type: GW : Ground Water Product: SS-DWREGS	430	Colony Count 2 Days at 37°C	0	cfu/ml		
		430	Colony Count 3 Days at 22°C	2	cfu/ml		
		400	E coli	0	mpn/100ml	0	
		400	Total Coliforms	0	mpn/100ml	0	
		360	Clostridium perfringens (including spore	0	cfu/100ml	0	
		390	Enterococci	0	cfu/100ml	0	

[redacted]

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