



Appendix 3

B. A. Hydro Solutions Ltd.

3 & 4 The Sidings

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Providing Effective Surface & Groundwater Solutions

LABORATORY REPORT - Page 1 of 2

Client:	Nicholls Boreholes	Certificate No:	23240946-1
	Brownings Barn	Order No:	-
	Glass House Lane	Date Reported:	31/01/2024
	Kirdford	Site Name:	BH1500
	RH14 0LW	Sample Desc:	Borehole

Test	Results	Limit	Units	Comment	Sample Details
Alkalinity	336	-	mg/l		
Aluminium	<20.00	200	µg/l		
Ammonium	0.056	0.5	mg/l		Sampling Date: 25/01/2024
Boron	<50.00	1000	µg/l		Sampling Time: 12:00
Calcium	184.8	-	mg/l		Date Received: 26/01/2024
Chloride	45.6	250	mg/l		Date Tested: 26/01/2024
Copper	<100.00	2000	µg/l		
Fluoride	143	1500	ug/l		
Dissolved Iron (Fe II)	35	-	µg/l		
Total Iron (FeII+FeIII)	395	200	µg/l	*	
Lead	<2.00	10	µg/l		
Magnesium	0.49	-	mg/l		
Manganese	36	50	µg/l		
Nitrate	<22.00	50	mg/l		
Nitrite	<50.00	500	µg/l		
Nitrite/Nitrate	<0.46	≤1	-		
Phosphate	<0.15	-	mg/l		
Potassium	6.49	-	mg/l		
Sodium	46	200	mg/l		
Sulphate	122	250	mg/l		
Electrical Conductivity	941	2500	µS/cm		
Calcium Hardness	462	-	mg/l		
Total Hardness as CaCO3	464	-	mg/l	V Hard	
Magnesium Hardness	2	-	mg/l		
pH	6.91	6.5-9.5	pH units		
Total Dissolved Solids	463	-	mg/l		
Turbidity	4.80	4	NTU	*	

Disclaimers:

The results provided are not UKAS accredited and can only be used for non-regulatory purposes

* Denotes concentrations above UK drinking water standards

Denotes results which must be treated with caution due to sampling, transit or storage issues prior to delivery to laboratory

</> Denotes concentration found within sample below/above the equipment's detection level

— Indicates test has been repeated due to uncertainty or testing issues

\$ Indicates sample was tested outside of the stability period, validity of results may be affected

All analytical quality control associated with these results was satisfactory, details are available on request

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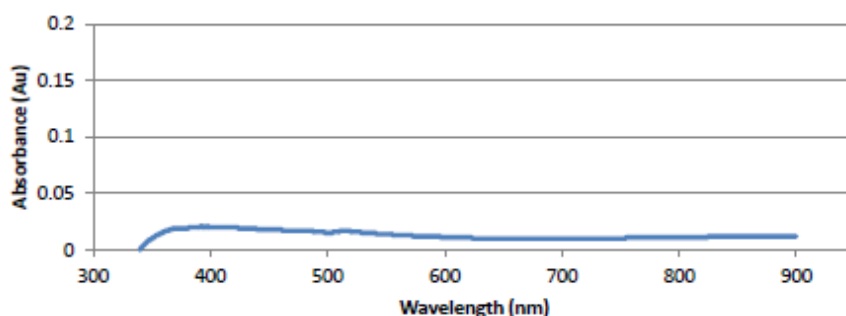
LABORATORY REPORT - Page 2 of 2

Client: Nicholls Boreholes
Brownings Barn
Glass House Lane
Kirdford
RH14 0LW

Certificate No: 23240946-1
Order No: -
Date Reported: 31/01/2024
Site Name: BH1500
Sample Desc: Borehole

Test	Results	Limit	Units	Comment	Sample Details
E.coli	0	0	cfu/100ml		Sampling Date: 25/01/2024
Total Coliforms	1	0	cfu/100ml	*	Sampling Time: 12:00
Enterococci	0	0	cfu/100ml		Date Received: 26/01/2024
TVC 3 at 22°C	116	no abnormal change	cfu/ml		Date Tested: 26/01/2024
TVC 2 at 37°C	15		cfu/ml		

Absorbance vs. Wavelength



Patrycja Malinowska
Laboratory Manager

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ANALYTICAL REPORT

Page 1 of 3

NICHOLLS BOREHOLES

Brownings Barn

Glasshouse Lane

Kirdford

West Sussex

RH14 0LW

Date Received: 21/03/2024

Certificate Number:

1226740-4 Final

Supersedes report 1226740-3

Order Number:

AL068

Date Reported:

13/05/2024

Lab Ref.	Sample Details	Method	Test	Result	Units	Limit	Flag
4727037	Desc: BOREHOLE SUPPLY AL068 Order No: AL068 Received Date: 21/03/2024 Tested Date: 21/03/2024 Sampling Date: 20/03/2024 14:50 Sample Type: GW : Ground Water Product: SS-DWREGS	255	Ammonium (Ammonia and Ammonium Ions)	0.116	mg/l	<0.500	
		215	Chloride	67.08	mg/l	<250.00	
		245	Nitrate	<0.9	mg/l	<50.0	
		225	Nitrite	<0.004	mg/l	<0.500	
		calc	Nitrite/Nitrate	0.000	mg/l	<1.000	*
		305	Sulphate	119.8	mg/l	<250.0	
		205	Total Hardness	184.7	mg/l		
		230	Odour - Qualitative	None			*
		230	Odour - Quantitative	0			
		430	Colony Count 3 Days at 22°C	>300	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	855	uS/cm		
		660	Hydrogen Ion (pH)	7.1	pH Unit	6.5 to 9.5	
		660	Turbidity	5.990	NTU	<4.000	
		ext	Acrylamide	<0.008	µg / l	<0.100	
		ext	Epichlorohydrin	<0.1	µg / l	<0.10	*
		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	<0.04	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	<0.040	mg/l	<1.000	
		740	Calcium	181.7	mg/l		
		740	Magnesium	5.8	mg/l		
		3371	Fluoride	0.172	mg/l	<1.500	
		3545	2,4,5-T	<0.007	µg / l	<0.100	
		3545	2,4-D	<0.007	µg / l	<0.100	

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F - Result Exceeds The Maximum Pcv As Defined In The Water Supply (Water Quality) (Amendment) Regulations 2018
ext - Analysis subcontracted to an external laboratory



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Certificate Number: 1226740-4 Final
Supersedes report
1226740-3
Order Number: AL068

Lab Ref.	Sample Details	Method	Test	Result	Units	Limit	Flag
4727037	Continued from Page 1	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 (MOPP)	<0.005	µg / l	<0.100	
		3545	Tridopyr	<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	Chlorotoluron	<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	<0.50	µg / l		
		775	Dichlorobromomethane	<0.43	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	0.00	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	16.0	µg / l	<200.0	
		730	Iron	808.7	µg / l	<200.0	

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Certificate Number: 1226740-4 Final
Supercedes report
1226740-3
Order Number: AL068

Lab Ref.	Sample Details	Method	Test	Result	Units	Limit	Flag
4727037	Continued from Page 2	730	Manganese	41.4	µg / l	<50.0	
		735	Cadmium	<0.12	µg / l	<5.00	
		735	Chromium	<0.5	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		*
		4170	Aldrin	<0.007	µg / l	<0.030	
		4170	Dichlobenil	<0.006	µg / l	<0.100	
		4170	Dieldrin	<0.007	µg / l	<0.030	
		4170	Gamma-HCH (Lindane)	<0.005	µg / l	<0.100	
		4170	Heptachlor	<0.008	µg / l	<0.030	
		4170	Heptachlor Epoxide	<0.005	µg / l	<0.030	
		4170	Propyzamide	<0.005	µg / l	<0.100	
		4170	Tri-allate	<0.005	µg / l	<0.100	
		730	Iron (Free)	<7.3	µg / l		
		5374	Tribium	<8.5	Bq/l	<100.0	
		295	Gross Alpha	<0.02	Bq/l	<0.10	
		295	Gross Beta	<0.28	Bq/l	<1.00	
		740	Sodium	16.4	mg/l	<200.0	

The sample has exceeded its maximum stability time and as a result the test result(s) may be invalid.

Richard Brown
Laboratory Manager

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scientific services

ANALYTICAL REPORT

Page 1 of 3

NICHOLLS BOREHOLES

Brownings Barn

Glasshouse Lane

Kirdford

West Sussex

RH14 0LW

Collected From: MONAGHAN MUSHROOMS, STORRINGTON ROAD, RH20 3EQ

Date Received: 23/05/2024

Certificate Number:

1254812-2 Final

Supersedes report 1254812-1

Order Number:

BH1500 - NEW WELL AB

Date Reported:

12/06/2024

Lab Ref.	Sample Details	Method	Test	Result	Units	Limit	Flag
4771665	Desc: NEW BOREHOLE - NEW WELL AB	740	Boron	<0.040	mg/l	<1.000	
	Collect From: MONAGHAN MUSHROOMS, STORRINGTON ROAD, RH20 3EQ	740	Magnesium	4.8	mg/l		
	Order No: BH1500 - NEW WELL AB	740	Sodium	15.5	mg/l	<200.0	
	Received Date: 23/05/2024	255	Ammonium (Ammonia and Ammonium Ions)	0.068	mg/l	<0.500	
	Tested Date: 23/05/2024	215	Chloride	50.17	mg/l	<250.00	
	Sampling Date: 22/05/2024 11:10	245	Nitrate	<0.9	mg/l	<50.0	
	Sample Type: GW : Ground Water	225	Nitrite	<0.004	mg/l	<0.500	
	Product: SS-DWREGS	calc	Nitrite/Nitrate	0.000	mg/l	<1.000	*
		305	Sulphate	132.0	mg/l	<250.0	
		205	Total Hardness	183.7	mg/l		
		3545	2,4,5-T	<0.007	µg / l	<0.100	
		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	Oxadbyl	<0.003	µg / l	<0.100	

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Certificate Number: 1254812-2 Final
Supercedes report
1254812-1
Order Number: BH1500 - NEW WELL AB

Lab Ref.	Sample Details	Method	Test	Result	Units	Limit	Flag
4771665	Continued from Page 1	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	
		360	Clostridium perfringens (including spore)	0	cfu/100ml	0	
		390	Enterococci	0	cfu/100ml	0	
		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	<0.50	µg / l		
		775	Dichlorobromomethane	<0.43	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	0.00	µg / l	<100.00	*
		775	Tribromomethane	<0.60	µg / l		
		775	Trichloroethene	<0.10	µg / l	<10.00	
		775	Trichloromethane	<0.50	µg / l		
		745	Antimony	<0.2	µg / l	<5.0	
		745	Arsenic	<1.0	µg / l	<10.0	
		745	Selenium	<0.8	µg / l	<10.0	
		3401	Bromate	<0.8	µg / l	<10.0	
		735	Cadmium	<0.12	µg / l	<5.00	
		735	Chromium	<0.5	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	3.0	µg / l	<20.0	
		3371	Fluoride	0.140	mg/l	<1.500	
		295	Gross Alpha	<0.02	Bq/l	<0.10	
		730	Aluminium	16.3	µg / l	<200.0	
		730	Iron	546.4	µg / l	<200.0	F
		730	Manganese	31.0	µg / l	<50.0	
		765	Mercury	<0.04	µg / l	<1.00	
		660	Colour	<2	mg/l Pt/Co	<20	
		660	Conductivity	854	uS/cm		
		660	Hydrogen Ion (pH)	7.1	pH_unit	6.5 to 9.5	
		660	Turbidity	2.466	NTU	<4.000	
		5413	Total Cyanide	<4.1	µg / l	<50.0	
		5374	Tritium	<8.5	Bq/l	<100.0	
		430	Colony Count 3 Days at 22°C	140	cfu/ml		
		4170	Aldrin	<0.007	µg / l	<0.030	
		4170	Dichlobenil	<0.006	µg / l	<0.100	
		4170	Dieldrin	<0.007	µg / l	<0.030	

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Certificate Number: 1254812-2 Final
Supercedes report
1254812-1
Order Number: BH1500 - NEW WELL AB

Lab Ref.	Sample Details	Method	Test	Result	Units	Limit	Flag
4771665	Continued from Page 2	4170	Gamma-HCH (Lindane)	<0.005	µg / l	<0.100	
		4170	Heptachlor	<0.008	µg / l	<0.030	
		4170	Heptachlor Epoxide	<0.005	µg / l	<0.030	
		4170	Propyzamide	<0.005	µg / l	<0.100	
		4170	Tri-alleate	<0.005	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	*
		ext	Acrylamide	<0.008	µg / l	<0.100	
		ext	Epichlorohydrin	<0.1	µg / l	<0.10	*
		230	Odour - Qualitative	Farmy, Burnt matches			*
		230	Odour - Quantitative	2			F
		400	E coli	0	mpn/100ml	0	
		400	Total Coliforms	0	mpn/100ml	0	
		calc	Pesticides - Total Substances	0.000	ug/l		*
		295	Gross Alpha	<0.02	Bq/l	<0.10	
		295	Gross Beta	<0.28	Bq/l	<1.00	
		730	Iron (Free)	<7.3	µg / l		

Description amended



Richard Brown
Laboratory Manager

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A result of 0 cfu denotes none found in volume analysed
F - Result Exceeds The Maximum Pcv As Defined In The Water Supply (Water Quality) (Amendment) Regulations 2018
ext - Analysis subcontracted to an external laboratory



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Website: www.southeastwater.co.uk

south east water
scientific services

ANALYTICAL REPORT

Page 1 of 3

NICHOLLS BOREHOLES

Brownings Barn
Glasshouse Lane
Kirdford
West Sussex
RH14 0LW

Collected From: MONAHAGHN MUSHROOMS, 74 STORINGTON ROAD, RH20 3EQ

Date Received: 17/05/2024

Certificate Number:

1251794-3 Final
Supercedes report 1251794-2

Order Number:

BH1500 NEW WELL

Date Reported:

12/06/2024

Lab Ref.	Sample Details	Method	Test	Result	Units	Limit	Flag
4767229	Desc: BOREHOLE RAW - NEW WELL	3545	2,4,5-T	<0.007	µg / l	<0.100	
	CONTAMINATION	3545	2,4-D	<0.007	µg / l	<0.100	
	Collect From: MONAHAGHN	3545	Bentazone	<0.007	µg / l	<0.100	
	MUSHROOMS, 74 STORINGTON	3545	Bromoxynil	<0.007	µg / l	<0.100	
	ROAD, RH20 3EQ	3545	Dicamba	<0.020	µg / l	<0.100	
	Order No: BH1500 NEW WELL	3545	Dichlorprop	<0.003	µg / l	<0.100	
	Received Date: 17/05/2024	3545	Fluroxypyr	<0.008	µg / l	<0.100	
	Tested Date: 17/05/2024	3545	MCPA	<0.008	µg / l	<0.100	
	Sampling Date: 16/05/2024 12:20	3545	MCPB	<0.008	µg / l	<0.100	
	Sample Type: GW : Ground Water	3545	Mecoprop (MOPP)	<0.005	µg / l	<0.100	
	Product: SS-DWREGS	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	
		4170	Aldrin	<0.007	µg / l	<0.030	
		4170	Dichlobenil	<0.006	µg / l	<0.100	
		4170	Dieldrin	<0.007	µg / l	<0.030	
		4170	Gamma-HCH (Lindane)	<0.005	µg / l	<0.100	
		4170	Heptachlor	<0.008	µg / l	<0.030	

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Certificate Number: 1251794-3 Final
Supercedes report
1251794-2
Order Number: BH1500 NEW WELL

Lab Ref.	Sample Details	Method	Test	Result	Units	Limit	Flag
4767229	Continued from Page 1	4170	Heptachlor Epoxide	<0.005	µg / l	<0.030	
		4170	Propylamide	<0.005	µg / l	<0.100	
		4170	Tri-allylate	<0.005	µg / l	<0.100	
		ext	3:3 FTCA (356-02-5)	<0.010	µg / l		
		ext	4:2 FTSA (757124-72-4)	<0.001	µg / l		
		ext	5:3 FTCA (914637-49-3)	<0.001	µg / l		
		ext	6:2 CI-PFESA (756426-58-1)	<0.001	µg / l		
		ext	6:2 FTAB (34455-29-3)	<0.001	µg / l		
		ext	6:2 FTSA (27619-97-2)	<0.001	µg / l		
		ext	7:3 FTCA (812-70-4)	<0.001	µg / l		
		ext	8:2 CI-PFESA (763051-92-9)	<0.001	µg / l		
		ext	8:2 FTSA (39108-34-4)	<0.001	µg / l		
		ext	DONA (919005-14-4)	<0.001	µg / l		
		ext	ElFOSA (4151-50-2)	<0.001	µg / l		
		ext	ElFOSE (1691-99-2)	<0.001	µg / l		
		ext	FBSA (30334-69-1)	<0.001	µg / l		
		ext	FhSA (41997-13-1)	<0.001	µg / l		
		ext	FOSA (754-91-6)	<0.001	µg / l		
		ext	HFPO-DA (Gen X) (13252-13-6)	<0.001	µg / l		
		ext	HFPO-TA (13252-14-7)	<0.005	µg / l		
		ext	MeFOSA (31506-32-8)	<0.001	µg / l		
		ext	MeFOSE (24448-09-7)	<0.001	µg / l		
		ext	NEFOSAA (2991-50-6)	<0.001	µg / l		
		ext	NFDHA (151772-58-6)	<0.001	µg / l		
		ext	NMeFOSAA (2355-31-9)	<0.001	µg / l		
		ext	PFBA (375-22-4)	<0.001	µg / l		
		ext	PFBS (375-73-5)	<0.001	µg / l		
		ext	PFDA (365-76-2)	<0.001	µg / l		
		ext	PFDoA (307-55-1)	<0.001	µg / l		
		ext	PFDoS (79780-39-5)	<0.001	µg / l		
		ext	PFDS (335-77-3)	<0.001	µg / l		
		ext	PfchS (133201-07-7/646-83-3)	<0.001	µg / l		
		ext	PFEESA (113507-82-7)	<0.001	µg / l		
		ext	PFHpA (375-85-9)	<0.001	µg / l		
		ext	PFHpS (375-92-8)	<0.001	µg / l		
		ext	PFHxA (307-24-4)	<0.001	µg / l		
		ext	PFHxDA (67905-19-5)	<0.001	µg / l		
		ext	PFHxS (355-46-4)	<0.001	µg / l		
		ext	PFMOBA (863090-89-5)	<0.001	µg / l		
		ext	PFMOPRA (377-73-1)	<0.001	µg / l		
		ext	PFNA (375-95-1)	<0.001	µg / l		
		ext	PFNS (68259-12-1)	<0.001	µg / l		
		ext	PFOA (335-67-1)	<0.001	µg / l		
		ext	PFODA (16517-11-6)	<0.001	µg / l		
		ext	PFOS (1763-23-1)	<0.001	µg / l		

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Certificate Number: 1251794-3 Final
Supercedes report
1251794-2
Order Number: BH1500 NEW WELL

Lab Ref.	Sample Details	Method	Test	Result	Units	Limit	Flag
4767229	Continued from Page 2	ext	PFPeA (2706-90-3)	<0.001	µg / l		
		ext	PFPeS (2706-91-4)	<0.001	µg / l		
		ext	PFTeA (376-06-7)	<0.001	µg / l		
		ext	PFTrDA (72629-94-8)	<0.001	µg / l		
		ext	PFluA (2058-94-8)	<0.001	µg / l		
		ext	PFluDS (749786-16-1)	<0.001	µg / l		

Descriptions amended



Richard Brown
Laboratory Manager

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south east water
scientific services

ANALYTICAL REPORT

Page 1 of 3

NICHOLLS BOREHOLES

Brownings Barn
Glasshouse Lane
Kirdford
West Sussex
RH14 0LW

Collected From: MONAHAGHN MUSHROOMS, 74 STORINGTON ROAD, RH20 3EQ

Date Received: 17/05/2024

Certificate Number: 1251795-3 Final
Supercedes report 1251795-2

Order Number: BH1500 OLD WELL

Date Reported: 12/06/2024

Lab Ref.	Sample Details	Method	Test	Result	Units	Limit	Flag
4767230	Desc: BOREHOLE RAW - OLD WELL	ext.	3:3 FTCA (356-02-5)	<0.010	µg / l		
	CONTAMINATION	ext.	4:2 FTSA (757124-72-4)	<0.001	µg / l		
	Collect From: MONAHAGHN	ext.	5:3 FTCA (914637-49-3)	<0.001	µg / l		
	MUSHROOMS, 74 STORINGTON	ext.	6:2 CI-PFESA (756426-58-1)	<0.001	µg / l		
	ROAD, RH20 3EQ	ext.	6:2 FTAB (34455-29-3)	<0.001	µg / l		
	Order No: BH1500 OLD WELL	ext.	6:2 FTSA (27619-97-2)	<0.001	µg / l		
	Received Date: 17/05/2024	ext.	7:3 FTCA (812-70-4)	<0.001	µg / l		
	Tested Date: 17/05/2024	ext.	8:2 CI-PFESA (763051-92-9)	<0.001	µg / l		
	Sampling Date: 16/05/2024 11:44	ext.	8:2 FTSA (39108-34-4)	<0.001	µg / l		
	Sample Type: GW : Ground Water	ext.	DONA (919005-14-6)	<0.001	µg / l		
	Product: SS-DWREGS	ext.	ElFOA (4151-50-2)	<0.001	µg / l		
		ext.	ElFOSE (1691-99-2)	<0.001	µg / l		
		ext.	FBSA (30334-69-1)	<0.001	µg / l		
		ext.	FHSA (41997-13-1)	<0.001	µg / l		
		ext.	FOSA (754-91-6)	<0.001	µg / l		
		ext.	HFPO-DA (Gen X)	<0.001	µg / l		
		ext.	(13252-13-6)	<0.005	µg / l		
		ext.	HFPO-TA (13252-14-7)	<0.001	µg / l		
		ext.	MeFOA (31506-32-8)	<0.001	µg / l		
		ext.	MeFOSE (24448-09-7)	<0.001	µg / l		
		ext.	NMeFOSAA (2991-50-6)	<0.001	µg / l		
		ext.	NFDHA (151772-58-6)	<0.001	µg / l		
		ext.	NMeFOSAA (2355-31-9)	<0.001	µg / l		
		ext.	PFBA (375-22-4)	<0.001	µg / l		
		ext.	PFBS (375-73-5)	<0.001	µg / l		
		ext.	PFDA (365-76-2)	<0.001	µg / l		
		ext.	PFDaA (307-55-1)	<0.001	µg / l		
		ext.	PFDaS (79780-39-5)	<0.001	µg / l		
		ext.	PFDs (335-77-3)	<0.001	µg / l		
		ext.	PFDHS	<0.001	µg / l		
		ext.	(133201-07-7/646-83-3)	<0.001	µg / l		
		ext.	PFEESA (113507-82-7)	<0.001	µg / l		

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Certificate Number: 1251795-3 Final
Supercedes report
1251795-2
Order Number: BH1500 OLD WELL

Lab Ref.	Sample Details	Method	Test	Result	Units	Limit	Flag
4767230	Continued from Page 1	ext	PFHpA (375-85-9)	<0.001	µg / l		
		ext	PFHpS (375-92-8)	<0.001	µg / l		
		ext	PFHxA (307-24-4)	<0.001	µg / l		
		ext	PFHxDA (67905-19-5)	<0.001	µg / l		
		ext	PFHxS (355-46-4)	<0.001	µg / l		
		ext	PFMOBA (863090-89-5)	<0.001	µg / l		
		ext	PFMOPrA (377-73-1)	<0.001	µg / l		
		ext	PFNA (375-95-1)	<0.001	µg / l		
		ext	PFNS (68259-12-1)	<0.001	µg / l		
		ext	PFOA (335-67-1)	<0.001	µg / l		
		ext	PFODA (16517-11-6)	<0.001	µg / l		
		ext	PFOS (1763-23-1)	<0.001	µg / l		
		ext	PFPeA (2706-90-3)	<0.001	µg / l		
		ext	PFPeS (2706-91-4)	<0.001	µg / l		
		ext	PFTeA (376-06-7)	<0.001	µg / l		
		ext	PFTrDA (72629-94-8)	<0.001	µg / l		
		ext	PFUnA (2058-94-8)	<0.001	µg / l		
		ext	PFUnDS (749786-16-1)	<0.001	µg / l		
		4170	Aldrin	<0.007	µg / l	<0.030	
		4170	Dichlobenil	<0.006	µg / l	<0.100	
		4170	Dieldrin	<0.007	µg / l	<0.030	
		4170	Gamma-HCH (Lindane)	<0.005	µg / l	<0.100	
		4170	Heptachlor	<0.008	µg / l	<0.030	
		4170	Heptachlor Epoxide	<0.005	µg / l	<0.030	
		4170	Propyzamide	<0.005	µg / l	<0.100	
		4170	Tri-allate	<0.005	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	
		3545	2,4,5-T	<0.007	µg / l	<0.100	
		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	

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Certificate Number: 1251795-3 Final
Supercedes report
1251795-2
Order Number: BH1500 OLD WELL

Lab Ref.	Sample Details	Method	Test	Result	Units	Limit	Flag
4767230	Continued from Page 2	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 (MCP)	<0.005	µg / l	<0.100	
		3545	Tridopyr	<0.015	µg / l	<0.100	

Descriptions amended

Richard Brown
Laboratory Manager

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