TEST REPORT

Send To 13790 DOULTON WATER FILTERS UNIT 4 LYMEDALE CROSS INDUSTRIAL ESTATE NEWCASTLE-UNDER-LYME **STAFFORDSHIRE ST5 9BT** UNITED KINGDOM Attn: MRS. JOY DELANEY

Customer 13790 DOULTON WATER FILTERS **UNIT 4 LYMEDALE CROSS INDUSTRIAL ESTATE** NEWCASTLE-UNDER-LYME STAFFORDSHIRE ST5 9BT UNITED KINGDOM Attn: MRS. JOY DELANEY

Plant 13792 FAIREY INDUSTRIAL CERAMICS LTD. UNIT 4 LYMEDALE CROSS INDUSTRIAL ESTATE NEWCASTLE-UNDER-LYME STAFFORDSHIRE ST5 9BT UNITED KINGDOM Attn: MRS. JOY DELANEY

HCP/STERASYL Counter-Top Connected to Sink Faucet Product:

Test Type: FR - Five Year - Retest

The enclosed report details the results of the testing performed by NSF on your product(s). Your program representative will contact you if there are any remaining issues concerning the evaluation/certification of this product.

Please contact your representative if you have any questions. We thank you for having your product(s) tested by NSF.

Reviewer:

Kurtis Kneen - Director, Chemistry Lab

Status: **Pass**

CC :	030 - Drinking Water Treatment Units
	Laura Moorman
	02 - Europe

PA Project : 204237 PA Job : ML02

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Standard 53 Live Cyst Reduction

Tracking ID: Project #: Region: NSF Field Representative:

PW00903 030 02 Laura Moorman

Lab Number:	S410053391
Description:	HCP/STERASYL Counter-Top Connected to Sink Faucet
Sampled:	SEP 29, 2004
Received:	OCT 04, 2004
Listing Status:	Five Year - Retest
Filter Capacity:	n/a
Maximum Rated Operating Pressure:	n/a
Model Number of Tested Equipment:	HCP/STERASYL
NSF Standard:	53
Rated Service Flow:	n/a
Volume of Unit:	n/a

Parameter	<u>R</u>	esult	<u>Units</u>	Entered
Cyst Live (Cryptosporidium) Reduction Test - Parent (Memb	prane Filtration, Std. 53)			
System Type Countertop connected to faucet				27-OCT-04
Manufacturers Estimated System Flow Rate		1.05	gpm	27-OCT-04
Dynamic Line Pressure		60	psig	27-OCT-04
Cycling Time On		10	minutes	27-OCT-04
Cycling Time Off		10	minutes	27-OCT-04
Required Percent Reduction (min.)		99.95	percent	27-OCT-04
Actual Percent Reduction	:	>99.99	percent	27-OCT-04
Cryptosporidium Reduction Test		Pass		27-OCT-04
Lab Number:	S410053392			

Description:	Flush Conditioning Effluent 1
Sampled:	SEP 29, 2004
Received:	OCT 04, 2004

Parameter		<u>Result</u>	<u>Units</u>	Entered
Cyst Live (Cryptosporidium) Reduction Test - Proger	ny (Membrane Filtration, Std. 53)			
Flow Rate		1.18	gpm	27-OCT-04
Cryptosporidium		<1	oocysts/L	27-OCT-04
Lab Number:	S410053393			

Description:
Sampled:
Received:

S410053393

Flush Conditioning Effluent 2 SEP 29, 2004 OCT 04, 2004

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Parameter	<u>Result</u>	<u>Units</u>	Entered
Cyst Live (Cryptosporidium) Reduction Test - Progeny (Membrane Filtration, Std. 53)			
Flow Rate	1.20	gpm	27-OCT-04
Cryptosporidium	<1	oocysts/L	27-OCT-04

Lab Number:	S410053394
Description:	Eighth Cycle Influent
Sampled:	SEP 29, 2004
Received:	OCT 04, 2004

<u>Parameter</u>		<u>Result</u>	<u>Units</u>	Entered
Cryptosporidium		1.12E5	oocysts/L	27-OCT-04
Lab Number:	S410053395			

1

Description:	Eighth Cycle Effluent
Sampled:	SEP 29, 2004
Received:	OCT 04, 2004

Parameter	<u>Result</u>	<u>Units</u>	Entered
Cyst Live (Cryptosporidium) Reduction Test - Progeny (Membrane Filtration, Std. 53)			
Flow Rate	1.21	gpm	27-OCT-04
Cryptosporidium	<1	oocysts/L	27-OCT-04
Actual Percent Reduction	>99.99	percent	27-OCT-04

Lab Number:	S410053396
Description:	Eighth Cycle Effluent 2
Sampled:	SEP 29, 2004
Received:	OCT 04, 2004

Parameter	<u>Result</u>	<u>Units</u>	Entered
Cyst Live (Cryptosporidium) Reduction Test - Progeny (Membrane Filtration, Std. 53)			
Flow Rate	1.21	gpm	27-OCT-04
Cryptosporidium	<1	oocysts/L	27-OCT-04
Actual Percent Reduction	>99.99	percent	27-OCT-04

Lab Number: Description: Sampled: Received:

S410053397

25% Flow Reduction Influent SEP 29, 2004 OCT 04, 2004

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Parameter		Result	<u>Units</u>	Entered
Cryptosporidium		1.35E5	oocysts/L	27-OCT-04
	S410053398			

Lab Number:	5410053396
Description:	25% Flow Reduction Effluent 1
Sampled:	SEP 29, 2004
Received:	OCT 04, 2004

Parameter	<u>Result</u>	<u>Units</u>	Entered
Cyst Live (Cryptosporidium) Reduction Test - Progeny (Membrane Filtration, Std. 53)			
Flow Rate	0.94	gpm	27-OCT-04
Cryptosporidium	<1	oocysts/L	27-OCT-04
Actual Percent Reduction	>99.99	percent	27-OCT-04

Lab Number:	S410053399
Description:	25% Flow Reduction Effluent 2
Sampled:	SEP 29, 2004
Received:	OCT 04, 2004

Parameter	Result	<u>Units</u>	Entered
Cyst Live (Cryptosporidium) Reduction Test - Progeny (Membrane Filtration, Std. 53)			
Flow Rate	0.92	gpm	27-OCT-04
Cryptosporidium	<1	oocysts/L	27-OCT-04
Actual Percent Reduction	>99.99	percent	27-OCT-04

Lab Number:	S410053400
Description:	50% Flow Reduction Influent
Sampled:	SEP 29, 2004
Received:	OCT 04, 2004

Parameter		<u>Result</u>	<u>Units</u>	Entered
Cryptosporidium		1.45E5	oocysts/L	27-OCT-04
Lab Number:	S410053401			
Description:	50% Flow Reduction Effluent 1			
Sampled:	SEP 29, 2004			
Received:	OCT 04, 2004			
Parameter		<u>Result</u>	<u>Units</u>	Entered

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Parameter	<u>Result</u>	<u>Units</u>	Entered
Cyst Live (Cryptosporidium) Reduction Test - Progeny (Membrane Filtration, Std. 53)			
Flow Rate	0.55	gpm	27-OCT-04
Cryptosporidium	<1	oocysts/L	27-OCT-04
Actual Percent Reduction	>99.99	percent	27-OCT-04

Lab Number:	S410053402
Description:	50% Flow Reduction Effluent 2
Sampled:	SEP 29, 2004
Received:	OCT 04, 2004

Parameter	<u>Result</u>	<u>Units</u>	Entered
Cyst Live (Cryptosporidium) Reduction Test - Progeny (Membrane Filtration, Std. 53)			
Flow Rate	0.58	gpm	27-OCT-04
Cryptosporidium	<1	oocysts/L	27-OCT-04
Actual Percent Reduction	>99.99	percent	27-OCT-04

Lab Number:	S410053403
Description:	75% Flow Reduction Influent
Sampled:	SEP 29, 2004
Received:	OCT 04, 2004

Parameter		<u>Result</u>	<u>Units</u>	Entered
Cryptosporidium		1.11E5	oocysts/L	27-OCT-04
Lab Number:	S410053404			

Description:	75% Flow Reduction Effluent 1
Sampled:	SEP 29, 2004
Received:	OCT 04, 2004

Parameter	<u>Result</u>	<u>Units</u>	Entered
Cyst Live (Cryptosporidium) Reduction Test - Progeny (Membrane Filtration, Std. 53)			
Flow Rate	0.29	gpm	27-OCT-04
Cryptosporidium	<1	oocysts/L	27-OCT-04
Actual Percent Reduction	>99.99	percent	27-OCT-04

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Lab Number:

Description: Sampled: Received:

S410053405

75% Flow Reduction Effluent 2 SEP 29, 2004 OCT 04, 2004

Parameter		<u>Result</u>	<u>Units</u>	Entered
Cyst Live (Cryptosporidium) Reduction Test - Proge	eny (Membrane Filtration, Std. 53)			
Flow Rate		0.30	gpm	27-OCT-04
Cryptosporidium		<1	oocysts/L	27-OCT-04
Actual Percent Reduction		>99.99	percent	27-OCT-04
Lab Number:	S410053406			

Description: Sampled: Received:

Tank Water Sample SEP 29, 2004 OCT 04, 2004

Parameter	<u>Result</u>	<u>Units</u>	Entered
Water Analysis, Mechanical Filtration			
рН	7.16		27-OCT-04
Temperature	19	degrees C	27-OCT-04
Turbidity	ND(0.10)	NTU	27-OCT-04
Hardness, Total	94	mg/L CaCO3	20-OCT-04
Solids Total Dissolved	260	mg/L	21-OCT-04

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All work performed at NSF International, 789 Dixboro Road Ann Arbor, MI 48105

References to Testing Procedures:

Parameter/Test Description

Cyst Live (Cryptosporidium) Reduction Test - Parent (Membrane Filtration, Std. 53) Cyst Live (Cryptosporidium) Reduction Test - Progeny (Membrane Filtration, Std. 53) Hardness, Total, SM 2340C Solids, Total Dissolved, (180C), SM 2540C Water Analysis, Mechanical Filtration

ND = Not Detectable at Reporting Limit.

NSF Reference

- M901OR
- M058
- I5202340C
- 14202540C
- E908

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