

NT Filter

2007. 2. 15

1.

Thread Filter NT Filter 3 μ m 가 가
 Filter . NT Filter (Criptosporidium, Giadia)

. NT Filter

Thread

Filter



Thread Filter (Burpham, U.K)

2.

-
-
-
-

가

- (Clarification) – 가

- -
- -
- (Reverse Osmosis)

가

- (Color)
-
-
- (Algae)
- Criptosporidium
- Giadia

Thread Filter 4

가

3.

1989

10

19

Presentation

가

Atkins Fulford Ltd.

4.

가

Thread Filter

가

Chlorophyll

Algae

Chlorophyll
가 Criptosporidium Giardia

가

Thread Filter
가

Thread

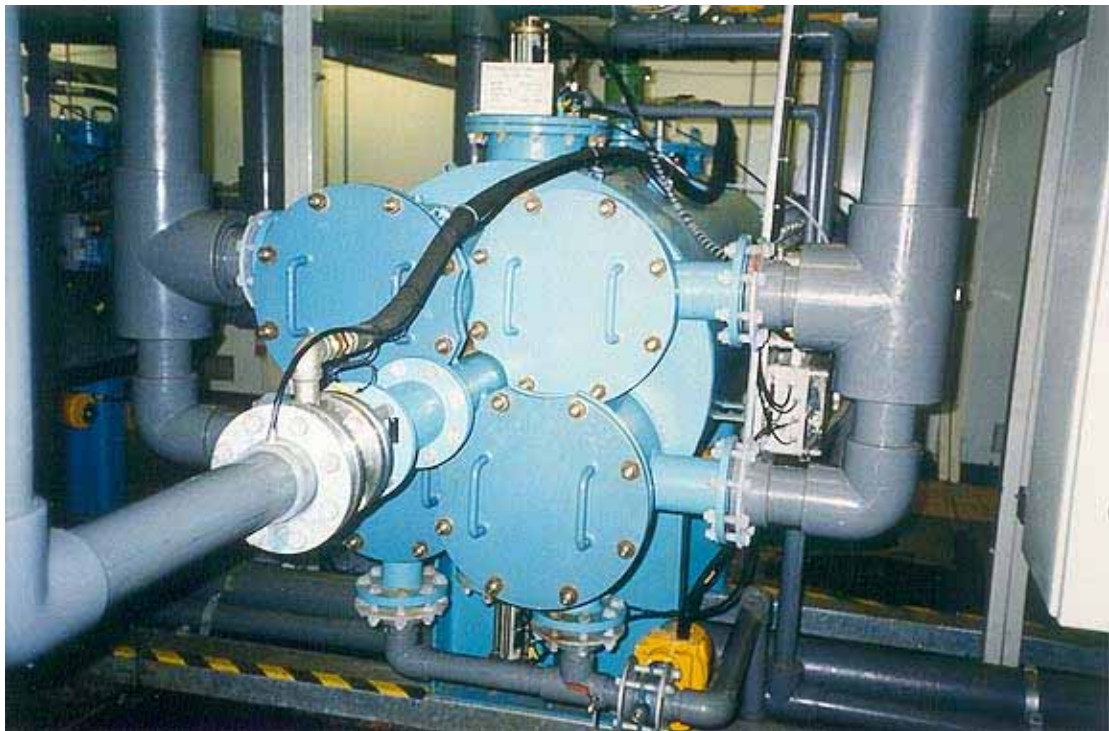
Filter

5. Thread Filter

(The Drinking Water Inspectorate)

가

가



Thread Filter

(Burpham, U.K)

가

Atkins Fulford Ltd.

Thread Filter

Thread Filter (Model: MT33P MTG)

Thread Filter

Filtration Ltd., Israel

Atkins Fulford Ltd.

Thread Filter

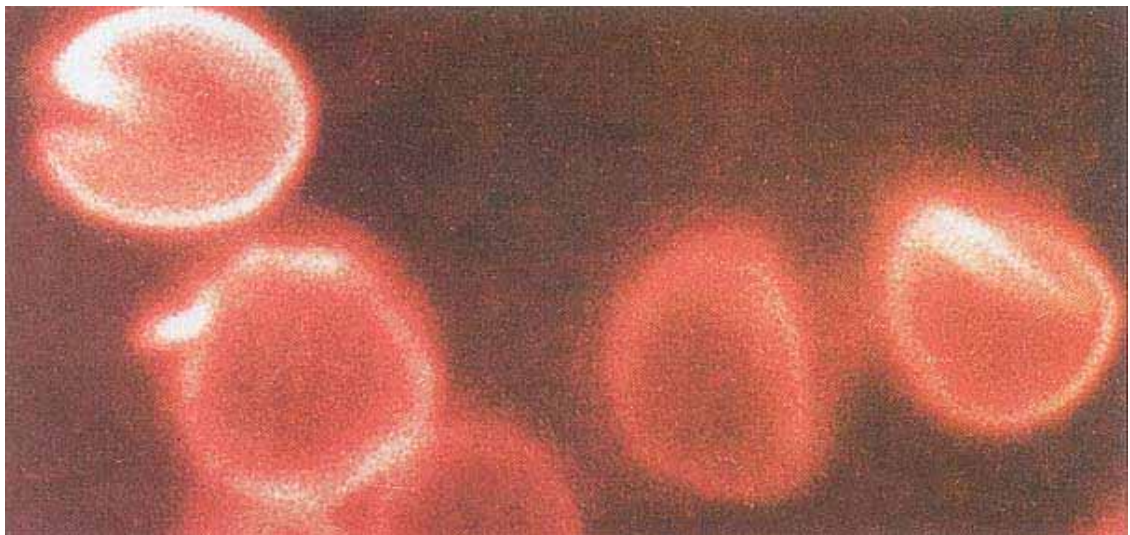
가

6. Criptosporidium & Giadia

Criptosporidium
Criptosporidium

가 4 - 6 μm
가

Giadia



Water Sample
()

Criptosporidium
()

가?

가

가

가

Criptosporidium
Criptosporidium

Thread Filter
Giardia

7.

Criptosporidium

Criptosporidium
가

가 가

가 가 가
가 가
Criptosporidium Criptosporidium

Criptosporidium

Criptosporidium
Thread Filter

8.

Criptosporidium
가

Kalsep

Thread Filter

Fibrotex

50 m³/h

가

System

System P.C.I, Acumen Memtech Memcor
System Sub-Micron Membrane System

Cartridge Filter

Criptosporidium Cartridge Filter
가

9.

Criptosporidium 가
100 %

Thread Filter 가 Atkins Fulford Ltd.
System 2 Log 99 %
Hospital The Scottish Parasite Diagnostic Laboratory The Water Reach Center Stobhill

Thread Filter 2 4 Log 99.99 %

10. **Monitoring**

Criptosporidium

가

On-Line Criptosporidium Monitoring On-Line
Monitoring

Criptosporidium 가 4 – 6 μ m

5 μ m 85 %

Criptosporidium 99 %

Filter 가 Criptosporidium 99 %

5 μm 95 %
2 μm 90 %

Atkins Fulford Ltd. Thread Filter

11.

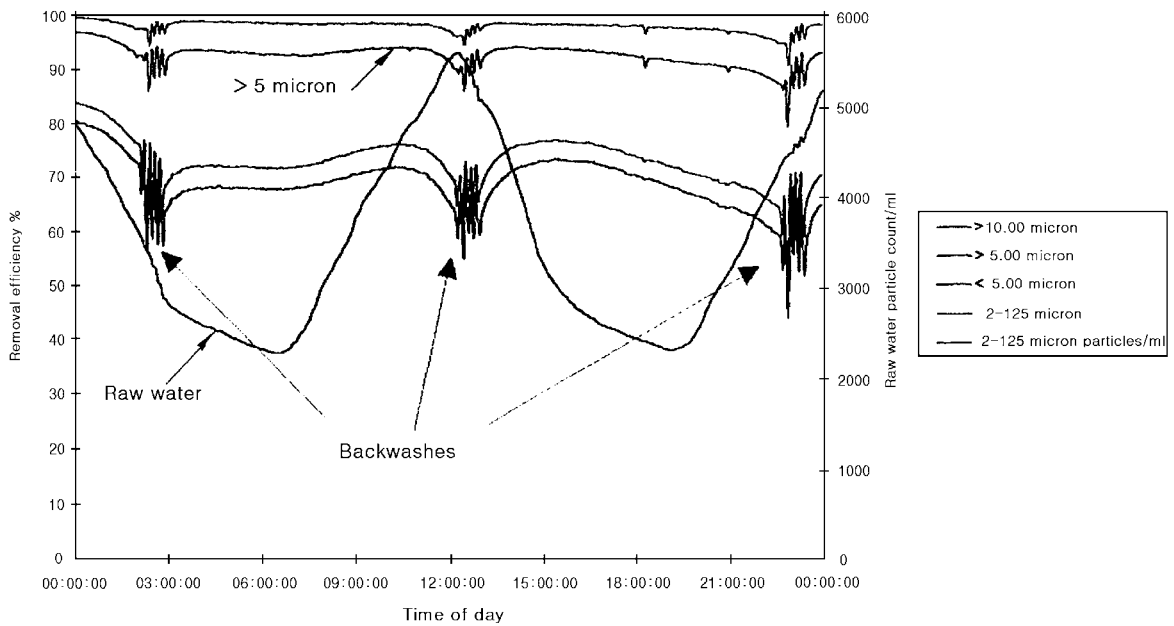
Criptosporidium On-Line Filter Cycle Filter Monitoring

Thread Filter 가

-
- 0.4 Bar
- System Thread Filter 가
- System 가

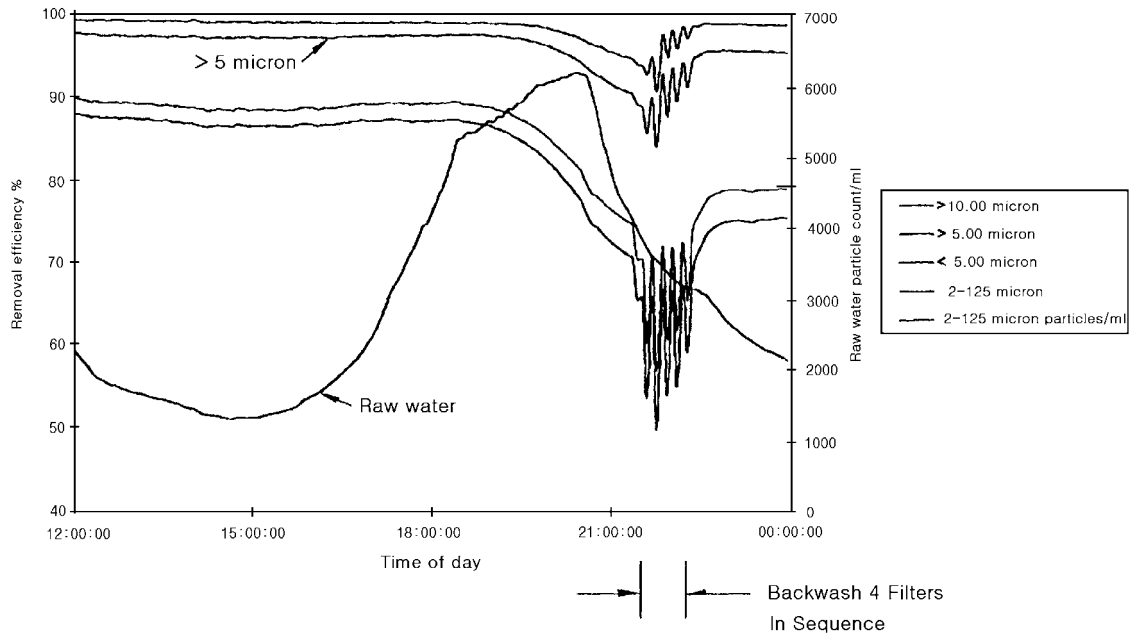
1, 2 & 3

Average particle removal on the Atkins Fulford Microfilters at Burpham WSW, 01/06/97. Flow through plant = 19MI/day, number of filters on line = 8.



1) Thread Filter

Average particle removal on the Atkins Fulford Microfilters at Burpham WSW, 28/05/97. Flow through plant = 19MI/day, number of filters on line = 9.

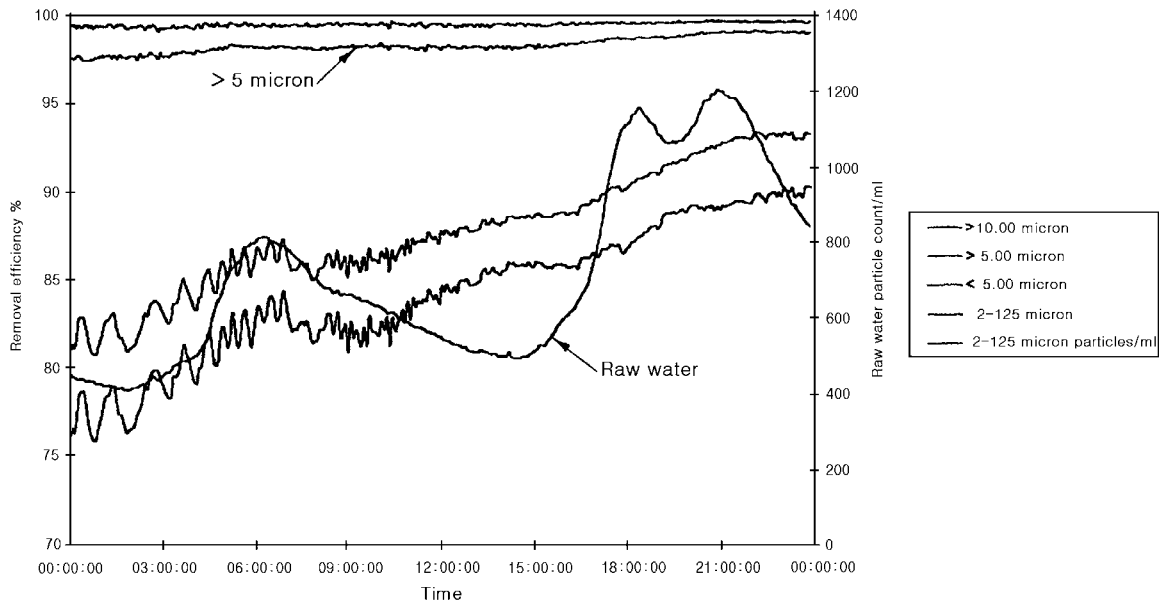


2) Thread Filter

2

0.4 Bar

Average particle removal on the Atkins Fulford Microfilters at Burpham WSW, 29/04/97.



3) Thread Filter

3

12.

Atkins Fulford Ltd. Criptosporidium

		System	Filter Model		(m ³ /day)
Burpham		2 Stage	MTG	9	19,000
Hardham		1 Stage	MTG	2	5,700
Garn Dolbenmaen		1 Stage	NT33P	1	400
River Hill		1 Stage	MTG	1	7,000
Lough Island		2 Stage	MTG	7	15,000
Langham		1 Stage	MTG	3	7,000

13.

Thread Filter 가

Criptosporidium Giadia

가

가

가

Atkins Fulford

Ltd.

가

가

●)

Thread Filter
Atkins Fulford Ltd, U.K 가

Filtration Ltd., Israel

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