

APPENDIX IV

SHADOW SCRUTINY PANEL

DRAFT WATER RESOURCES (JERSEY) LAW

(Letter by JNWC dated 17 August 2004: Section G refers)



The Jersey **COPY** New Waterworks Company Limited

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Tuesday, 17 August 2004

Senator E.P. Vibert
Chairman – Shadow Scrutiny Panel
Scrutiny Office
States Building
Royal Square
St Helier
Jersey JE1 1BA

Dear Senator Vibert

SHADOW SCRUTINY PANEL DRAFT WATER RESOURCES (JERSEY) LAW 200-

Thank you for your letter dated the 10th August 2004, regarding the above matter.

Please find below information which I trust will address the queries raised in your letter :

1. The Queen's Valley Reservoir was completed in November 1991, when impounding of water commenced.
2. The Desalination Plant has been operated for eleven separate periods since 1992 and nine of these were for water resource purposes. The remaining two other periods were for reducing nitrate levels in Val de la Mare Reservoir.
3. The following table shows the years the Desalination plant was operated for water resource purposes since 1992, the contribution the desalinated water made, both as a percentage of the total water supplied during the period of operation and, the total water supplied by the Company for that particular year.

TABLE SHOWING THE PERCENTAGE OF DESALINATED WATER PRODUCED FOR ADDITIONAL WATER RESOURCE PURPOSES 1992 TO 2003

YEAR	1992	1996	1999	2001	2002	2003
PERIOD OF OPERATION	4 Mar to 10 April	3 Jan to 12 Feb 29 Oct to 2 Dec	22 May to 30 Jun 15 Sep to 24 Nov	13 Nov to 31 Dec	1 Jan to 21 Jan 3 Oct to 7 Nov	27 Jun to 13 Oct
% OF DESALINATED WATER SUPPLIED DURING THE ABOVE PERIOD (S)	37.6%	29.3%	23.7%	30.2%	23.8%	26.4%
% OF DESALINATED WATER SUPPLIED DURING THE YEAR	3.6%	5.3%	7.3%	3.5%	3.9%	8.3%

continued

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4. We consider the primary role of the Desalination Plant to be an alternative water resource.
5. The Company operates five ground water boreholes in the southern part of St Ouen's Bay, which can provide up to 5% of our annual demand (2003 = 3%) and because of their location, we consider that they could be vulnerable to saline intrusion.

The Hydrogeological map of the Island produced by the British Geological Survey (BGS) indicates that saline intrusion has occurred in parts of St Clement and Grouville.

I trust the aforementioned is helpful to you. Please let me know if you would like any further information.

Yours sincerely



Howard N Snowden
Managing Director & Engineer