# **Water Quality Report 2014**

Sampling under The Water Supply (Water Quality) Regulations, 2000, as amended



## Written by:

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#### FOREWORD...

#### Guernsey Water's mission:

"To deliver to its customers a reliable supply of high quality drinking water in sufficient quantities that satisfy normal daily demand at the lowest cost, consistent with meeting a high level of customer service and confidence."

In 2014, Guernsey Water provided 4,442 megalitres of water (over 4 times the volume of St Saviours Reservoir) to its customers.

The quality of water supplied with 99.91% of 6,990 analyses meeting the prescribed standards is excellent. The achievement of such a high compliance figure is due to the collective technical expertise of our staff that covers all aspects of the science and engineering of the public water supply.

Safe, clean drinking water is vital to public health and the wellbeing of our society. This is ever more important in the face of significant challenges to drinking water supplies from the impacts of climate change on the quality and availability of water resources. It is essential that good quality drinking water, and the investment by Guernsey Water necessary to achieve it, is maintained into the future.

#### 2014 Water Quality Key Performance Indicators

• Achieve 99.5% compliance for Maximum Admissible Concentrations at WTWs



• Achieve 98% compliance for Maximum Admissible Concentrations at service reservoirs



Achieve 99% compliance for Maximum Admissible Concentrations at customer taps



Guernsey Water has achieved its 2014 water quality targets with 100% compliance recorded at the Service Reservoirs and WTWs for the first time to date and overall compliance at its 2<sup>nd</sup> highest level, being marginally lower than the 2013 result. Guernsey Water continues to provide high quality drinking water to the satisfaction of its customer's requirements.

STEPHEN LANGLOIS
DIRECTOR OF WATER SERVICES

#### **SUMMARY...**

Tests taken from Guernsey Water's 3 operational treatment works, 3 service reservoirs, water tower and customers' taps in 3 water supply zones show that 99.91 per cent of the 6,990 analyses met all national and European Union standards. This shows a slight decrease compared to the 2013 overall compliance, which was 99.94 per cent and was the highest water quality compliance figure to date.

Guernsey Water is regulated by the Director of Environmental Health and Pollution Regulation (DEHPR), with the current standard by which water quality is measured taken from England and Wales in the form of The Water Supply (Water Quality) Regulations, 2000, as amended. The regulations set out the parameters to be analysed for (Appendix A) and the required frequency of testing.

In 2014 there were no breaches at Longue Hougue, Kings Mills or St Saviours water treatment works and measures to improve bacterial quality of the Island's service reservoirs has had a positive effect, with 100% compliance also being recorded at the 3 service reservoirs and the Water Tower. At the end of 2013 sampling kiosks were erected over the sampling taps for No2 East and No2 West service reservoirs to help prevent contamination during sampling in adverse weather conditions. This appears to have been a success as 2014 is the first year on record that has seen 100% compliance from all service reservoirs and the water tower.

Supply zones (customer tap samples) had 6 failures in total; 2 were for Coliform bacteria (1 in Longue Hougue Zone and 1 in No2 Zone) and 4 were Tri Halo Methane (THM) failures (1 in Longue Hougue Zone, 1 in No2 Zone and 2 in Tower Zone). Coliform bacteria are a naturally occurring indicator species that do not necessarily indicate ingress of contamination but that should be absent from treated water so their presence should be investigated. THMs are disinfection by-products formed primarily by reactions between chlorine and organic matter (measured as Total Organic Carbon). There are a number of factors which influence the formation of disinfection by-products and these include the type and concentration of disinfectant, the concentration of organic matter within the treated water, the temperature, pH and contact time/length of the distribution network.

The 2 Coliform failures were during the very hot weather experienced in July and following thorough investigation were attributed to regrowth within the water main due to exceptionally high summer temperatures. Both failures resulted in immediate investigation and prompted an increase in the chlorine residual leaving the Water Treatment Works. This increase in chlorine concentration along with the organic carbon levels in the treated water and the high summer water temperatures aided the formation of THM's in supply and resulted in the 4 THM failures. Measures are being taken to limit the precursors of disinfection by-product formation and further work will be undertaken in 2015 to further reduce THM formation as well as the introduction of UV disinfection at water treatment works lowering the level of chlorine required for disinfection. The UK Drinking Water Inspectorate (DWI) is however clear that "at all times that actions taken to minimise disinfection by-product formation do not compromise the effectiveness of the disinfection process."

Guernsey Water regularly analyses for 83 pesticides and of these only 7 were detected and no breaches of the  $0.1 \,\mu\text{g/l}$  limit were observed.

Perfluorooctane sulphonate (PFOS) has been monitored on a fortnightly basis both in the raw water in St Saviours Reservoir and treated water leaving St Saviours water treatment works. The maximum result detected in the treated water analysis was  $0.16\mu g/l$  (ppb) which is within tier 1 (< $0.3\mu g/l$ ) of the guidance issued by the UK DWI on PFOS (<a href="http://dwi.defra.gov.uk/stakeholders/information-letters/2009/10/2009annex.pdf">http://dwi.defra.gov.uk/stakeholders/information-letters/2009/10/2009annex.pdf</a>). Categorisation as Tier 1 merely recognises that there may be a potential hazard which should as a minimum be considered by a risk assessment. Guernsey Water has gone much further than this to ensure the protection of drinking water quality by working closely with the DEHPR and other States of Guernsey Departments to actively

reduce PFOS levels found in raw water through the treatment of stream water from affected catchments as well as the removal and containment of contaminated soils. The affected catchments have also been closely monitored and measures put in place (such as stream diverts) to ensure that no contaminated water is collected and transferred to storage. This has had a positive effect with a drop in the maximum detected PFOS concentration recorded in the raw water stored at St Saviours Reservoir from  $0.75\mu g/l$  in 2013 to  $0.19\mu g/l$  recorded in 2014. There was an increase in the maximum PFOS concentration detected in samples collected from streams, from  $8.5\mu g/l$  in 2013 to  $20\mu g/l$  in 2014. This was within the Petit Bot catchment as a result of the mobilisation of groundwater during poor weather conditions. The rehabilitation works to remove and contain contaminated soil from the Forest Road site, which has now been completed, should help to show further improvements in the future.

There were a total of 136 water quality enquiries from customers in 2014, compared to 237 in 2013 (it should be noted however, that 78 enquiries relating to an earthy/musty taste & odour were received during a 3 week period in October 2013 as a consequence of an algal bloom die off in St Saviours Reservoir). Guernsey Water uses the same methodology for recording consumer contacts and enquiries regarding water quality as is used in England and Wales, whereby every contact is recorded and categorised and to enable comparison the contact rate per 1,000 population is calculated. The Acceptability of Water to Consumers categories had a total of 124 consumer contacts across all 3 supply zones for Guernsey Water during 2014, which equates to a contacts per 1,000 population rate of 1.97. This compares to the Industry Average (for England and Wales Water Companies 2013) rate of 1.91 and Jersey Water (2014) rate of 1.59.

Mike de Carteret Acting Quality & Risk Assurance Manager

12<sup>th</sup> June 2015

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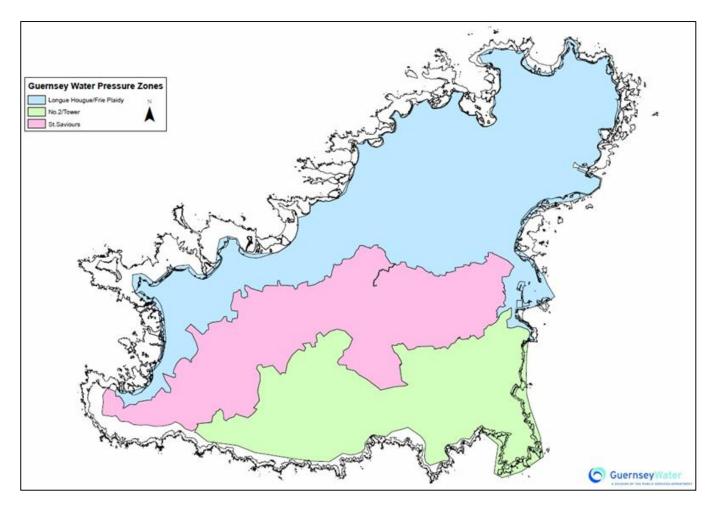
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INTRODUCTION...

#### <u>Treated Water</u>

Guernsey Water operates using current Drinking Water Inspectorate regulations and guidance as best practice. This requires us to meet very high standards to satisfy our Regulator, the Director of Environmental Health and Pollution Regulation. Guernsey Water has 4 treatment works (3 in service and 1 standby plant), 3 service reservoirs, a water tower and 3 water supply zones.

The general rationale of water movement in Guernsey is: St Saviours water treatment works supplies water to No.2 East and West which then either goes into the Water Tower and onto the Tower Supply Zone (green in image below) or direct to No.2 Supply Zone (pink in image below). Longue Hougue water treatment works (or Kings Mills water treatment works when Longue Hougue is off line) supplies water direct into Longue Hougue Supply Zone (blue in image below) and into Frie Plaidy Service Reservoir.



Below is a breakdown of the compliance for 2014, as measured against The Water Supply (Water Quality) Regulations, 2000, as amended: -

#### **Water Treatment Works**

	St Saviours	Juas	Kings Mills	Longue Hougue	Total
No of Breaches	0	0	0	0	0
No of Passes	1706	0	1041	1633	4380
No of Samples	1706	0	1041	1633	4380
% Compliance	100%	0%	100%	100%	100%

#### **Service Reservoirs & Water Tower**

	No.2 East	No. 2 West	Frie Plaidy	Tower	Total
No of Breaches	0	0	0	0	0
No of Passes	204	208	204	208	824
No of Samples	204	208	204	208	824
% Compliance	100%	100%	100%	100%	100%

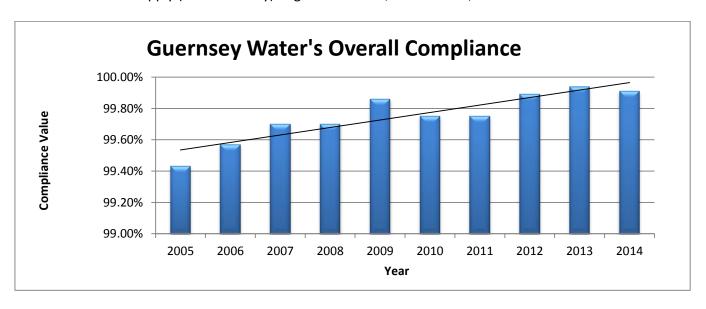
## **Supply Zones**

	Longue Hougue Zone	No.2 Zone	Tower Zone	Total
No of Breaches	2	2	2	6
No of Passes	778	502	500	1780
No of Samples	780	504	502	1786
% Compliance	99.74%	99.60%	99.60%	99.66%

#### **Overall Total**

	Total
No of Breaches	6
No of Passes	6984
No of Samples	6990
% Compliance	99.91%

The graph below shows the historic trend of total compliance since the introduction of compliance sampling in line with The Water Supply (Water Quality) Regulations 2000, as amended, started in 2005.



Tables 1 to 11 have the breakdown of drinking water quality in the detailed format used by water companies in England and Wales and annually reported by the DWI.

#### Raw Water

With regard to the Island's water catchment area, Guernsey Water manages the legislation concerning pollution of this area. This has meant water quality that could potentially have an effect on drinking water has been managed through strict limits on discharges to the environment. This current function will be moved to fall under the jurisdiction of the Director of Environmental Health and Pollution Regulation as a result of Guernsey Water now managing the Island's wastewater infrastructure and in line with the recommendations agreed by the States of Guernsey in Billet d'Etat XX1 2012 (dated 31st October 2012).

Raw water quality is closely monitored with analyses of 21 streams and stored water in 17 quarries and reservoirs. Raw water quality determines if water is collected and stored; in turn stored water is transferred to water treatment works based on water quality parameters to ensure the best possible water is supplied to our customers.

Nitrate levels in some streams are at the upper acceptable limit but through careful blending and storage, levels are reduced to ensure compliance with the prescribed limit of 50 mg/l for the provision of wholesome drinking water.

Tables 12 and 13 show the raw water quality that was observed in 2014 in the Island's various streams and storage reservoirs.

## TREATED WATER 2014 DATA SUMMARY TABLES FOR GUERNSEY WATER...

These tables contain a summary of results of treated water monitoring undertaken by Guernsey Water in 2014.

## Notes relating to the interpretation of the tables: -

Columns on the following tables that are headed '1 percentile representing a minimum' and '99 percentile representing a maximum' contain figures for the 1 percentile and 99 percentile sample results respectively except where less than 100 samples were taken, when the figures are the actual maximum and minimum results.

The symbol < indicates that the result was less than the limit of detection of the analytical method used.

The symbol > indicates that the result was above the recording range of the analytical method used.

Table 1: Quality of water leaving treatment works – European Standards

Parameter	Prescribed Concentration or Value	Total number of tests	Tests failed	1 percentile (representing a minimum)	99 percentile (representing a maximum)	No. of works with failures
Nitrite	0.1 mg NO <sub>2</sub> /l	129	0	<0.03	<0.03	0
TOTAL	-	129	0	-	-	-

Table 2: Quality of water leaving treatment works – National Standards

Parameter	Prescribed Concentration or Value	Total number of tests	Tests failed	1 percentile (representing a minimum)	99 percentile (representing a maximum)	No. of works with failures
Coliform	0 number/100ml	630	0	0	0	0
Bacteria						
Cryptosporidium	oocysts >1 in 10 litres	12	0	0	0	0
E. coli	0 number/100ml	630	0	0	0	0
TOTAL	-	1272	0	-	-	-

Table 3: Quality of water leaving treatment works – Additional Monitoring Requirements

Indicator Parameter	Prescribed Concentration or Value	Total number of tests	Tests Exceeding Specification	1 percentile (representing a minimum)	99 percentile (representing a maximum)
Colony Counts After 3 Days At 22°C	No abnormal change	626	n/a	0	9
Colony Counts After 48 Hours At 37°C	No abnormal change	630	n/a	0	2
Residual Disinfectant - Free	No abnormal change	622	n/a	0.05	0.50
Residual Disinfectant - Total	No abnormal change	622	n/a	0.05	0.80
Turbidity	1 NTU	622	0	0.01	0.48
TOTAL	-	3122	0	-	-

Table 4: Quality of water leaving service reservoirs – National Standards

Parameter	Prescribed Concentration or Value	Total number of tests	Tests failed	1 percentile (representing a minimum)	99 percentile (representing a maximum)	No. of reservoirs failing standard
Coliform Bacteria	0 number/100ml	206	0	0	0	0
E. coli	0 number/100ml	206	0	0	0	0
TOTAL	-	412	0	-	-	-

Table 5: Quality of water leaving service reservoirs – Additional Monitoring Requirements

Indicator Parameter	Prescribed Concentration or Value	Total number of tests	Tests Exceeding Specification	1 percentile (representing a minimum)	99 percentile (representing a maximum)
Colony Counts After 3 Days At 22°C	No abnormal change	206	n/a	0	60
Colony Counts After 48 Hours At 37°C	No abnormal change	206	n/a	0	27
Residual Disinfectant - Free	No abnormal change	206	n/a	<0.05	0.25
Residual Disinfectant - Total	No abnormal change	206	n/a	<0.05	0.4
TOTAL	-	824	-	-	-

Table 6: Quality of water leaving bulk supply points – European Standards

Parameter	Prescribed Concentration or Value	Total number of tests	Tests failed	1 percentile (representing a minimum)	99 percentile (representing a maximum)	No. of supply points with failures
1,2 Dichloroethane	3 μg/l	11	0	<0.12	<0.12	0
Benzene	1 μg/l	11	0	<0.07	<0.07	0
Boron	1 mg B/l	13	0	0.053	0.00012	0
Bromate	10 μg BrO <sub>3</sub> /l	11	0	<0.5	0.9	0
Cyanide	50 μg CN/I	12	0	<0.002	0.003	0
Fluoride	1.5 mg F/l	17	0	<0.1	0.12	0
Mercury	1 μg Hg/l	13	0	<0.002	0.034	0
Tetrachloroethene/Trichloroethene	10 μg/l	11	0	<0.07	<0.07	0
Pesticides (Dieldrin)	0.1 μg/l	13	0	0.002	0.003	0
Pesticides (Diflufenican)	0.1 μg/l	13	0	0.002	0.003	0
Pesticides (Hexachlorocyclohexane Gamma)	0.1 μg/l	13	0	0.001	0.003	0
Pesticides (Mecoprop)	0.1 μg/l	13	0	<0.01	0.011	0
Pesticides (Propicaonazole)	0.1 μg/l	13	0	0.006	0.009	0
Pesticides (Simazine)	0.1 μg/l	13	0	0.004	0.006	0
Pesticides (Triclopyr)	0.1 μg/l	13	0	<0.015	0.022	0
Pesticides - Total Substances	0.5 μg/l	13	0	0.04	0.057	0
TOTAL	-	203	0	-	-	-

Table 7: Quality of water leaving bulk supply points – National Standards

Parameter	Prescribed Concentration or Value	Total number of tests	Tests failed	1 percentile (representing a minimum)	99 percentile (representing a maximum)	No. of supply point with failures
Tetrachloromethane	3 μg/l	11	0	<0.07	<0.07	0
TOTAL	-	11	0	-	-	-

Table 8: Quality of water leaving bulk supply points – Additional Monitoring Requirements

Indicator Parameter	Prescribed Concentration or Value	Total number of tests	Tests Exceeding Specification	1 percentile (representing a minimum)	99 percentile (representing a maximum)
Chloride	250 mg Cl/l	17	0	84.32	99.68
Clostridium perfringens	0 number/100ml	129	0	0	0
Conductivity	2500 μS/cm	132	0	522.62	623.07
Radioactivity - Gross Alpha	0.1 Bq/l	13	0	<0.02	0.048
Radioactivity - Gross Beta	1 Bq/l	13	0	0.079	0.195
Radioactivity - Tritium	100 Bq/l	13	0	<10	<10
Sulphate	250 mg SO <sub>4</sub> /I	17	0	50	90.72
Total Organic Carbon (TOC)	No abnormal change	618	n/a	1.917	5.366
TOTAL	-	952	0	-	-

Table 9: Quality of water at consumer's tap (zones) – European Standards

Parameter	Prescribed Concentration or Value	Total number of tests	Tests failed	1percentile (representing a minimum)	99 percentile (representing a maximum)	No. of zones with failures
Antimony	5 ug Sb/l	24	0	0.335	1.652	0
Arsenic	10 ug As/l	24	0	0.203	0.455	0
Benzo(a)pyrene	0.01 μg/l	23	0	<0.0005	<0.01	0
Cadmium	5 ug Cd/l	24	0	<0.1	<0.1	0
Chromium	50 ug Cr/l	24	0	<0.7	<0.7	0
Copper	2 mg Cu/l	24	0	<0.01	0.124	0
E. coli	0 number/100ml	168	0	0	0	0
Enterococci	0 number/100ml	25	0	0	0	0
Lead	25 μg Pb/l	24	0	<5	<5	0
Nickel	20 μg Ni/l	24	0	<0.8	1.806	0
Nitrate	50 mg NO₃/I	24	0	15.815	40.226	0
Nitrite	0.5 mg NO <sub>2</sub> /I	24	0	<0.03	0.03	0
Nitrate/Nitrite Formula	1mg NO <sub>2</sub> /I	24	0	0.326	0.815	0
Polycyclic aromatic hydrocarbons (PAHs)	0.1 μg/l	23	0	0	0.0055	0
Selenium	10 μg Se/l	24	0	0.249	0.567	0
Trihalomethanes (THMs)	100 μg/l	24	4	41.465	111.248	3
TOTAL	-	384	4	-	-	-

Table 10: Quality of water at consumer's tap (zones) – National Standards

Parameter	Prescribed Concentration or Value	Total number of tests	Tests failed	1 percentile (representing a minimum)	99 percentile (representing a maximum)	No. of zones with failures
Aluminium	200 μg Al/l	84	0	18.98	144.38	0
Colour	20 mg/l Pt/Co scale	84	0	<5	<5	0
Hydrogen ion (pH)	6.5 - 10 pH value	84	0	6.918	7.564	0
Iron	200 μg Fe/l	84	0	<10	18.51	0
Manganese	50 μg Mn/l	84	0	<10	16.77	0
Organoleptic Odour	3 at 25°C dilution number	84	0	n/a	n/a	0
Organoleptic Taste	3 at 25°C dilution number	83	0	n/a	n/a	0
Sodium	200 mg Na/l	24	0	55.23	63.77	0
Turbidity	4 NTU	84	0	0.038	0.71	0
TOTAL	-	695	0	-	-	-

Table 11: Quality of water at consumer's tap (zones) – Additional Monitoring Requirements

Indicator Parameter	Prescribed Concentration or Value	Total number of tests	Tests Exceeding Specification	1 percentile (representing a minimum)	99 percentile (representing a maximum)
Ammonium	0.5 mg NH <sub>4</sub> /I	84	0	<0.01	0.022
Coliform Bacteria	0 number/100ml	168	2	0	1
Colony Counts After 3 Days At 22°C	No abnormal change	86	n/a	0	249
Colony Counts After 48 Hours At 37°C	No abnormal change	86	n/a	0	18
Conductivity	2500 uS/cm	84	0	524.49	617.17
Hydrogen ion (pH)	<9.5 pH value	84	0	6.918	7.564
Residual Disinfectant - Free	No abnormal change	84	n/a	<0.05	0.167
Residual Disinfectant - Total	No abnormal change	84	n/a	<0.05	0.276
TOTAL	-	760	0	-	-

## RAW WATER 2014 DATA SUMMARY TABLES FOR GUERNSEY WATER...

These tables contain a summary of results of raw water monitoring undertaken by Guernsey Water in 2014.

## Notes relating to the interpretation of the tables: -

Columns on the following tables that are headed '1 percentile representing a minimum' and '99 percentile representing a maximum' contains figures for the 1 percentile and 99 percentile sample results respectively except where less than 100 samples were taken, when the figures are the actual maximum and minimum results.

The symbol < indicates that the result was less than the limit of detection of the analytical method used.

The symbol > indicates that the result was above the recording range of the analytical method used.

Table 12: Quality of water in Island streams – Monitoring

Indicator Parameter	Units of Measure	Total number of tests	Minimum Result	Maximum Result
Hydrogen ion (pH)	pH value	979	6.47	8.83
Conductivity	uS/cm	978	87	975
Potassium	mg K/I	978	2.1	21
Nitrate	mg NO <sub>3</sub> /I	978	1.1	127
Ammonium	mg NH4/I	978	0.01	4
Nitrite	mg NO <sub>2</sub> /I	977	0.03	3.4
Phosphate	mg P/I	977	0.02	9
Chloride	mg CI/I	978	10	190
тос	mg C/I	977	1.1	22.1
Coliform Bacteria	number/100ml	490	0	100,000
E.coli	number/100ml	490	0	100,000
Faecal streptococci	number/100ml	485	0	100,000
TOTAL	-	10,265	-	-

Table 13: Quality of stored water in quarries and reservoirs – Monitoring

Indicator Parameter	Units of Measure	Total number of tests	Minimum Result	Maximum Result
Hydrogen ion (pH)	pH value	183	6.9	9.89
Conductivity	uS/cm	183	318	845
Ammonium	mg NH <sub>4</sub> /I	183	0.01	1
Nitrate	mg NO₃/I	183	0.7	51
Nitrite	mg NO₂/I	183	0.03	0.54
Phosphate	mg P/I	183	0.02	0.68
Chloride	mg CI/I	183	50	135
Potassium	mg K/l	183	3.8	12.2
Silicate	mg SiO₂/l	183	1.7	18.5
тос	mg C/I	183	2.1	27.0
TOTAL	-	1,830	-	-

## PERFLUOROOCTANE SULFONATE (PFOS)...

Since 2007 PFOS has been monitored in raw and treated water in accordance with guidance from DWI who set the 'wholesomeness' value as 1.0  $\mu$ g/l. Guernsey Water has used its available water resources to manage the levels of PFOS in water leaving St Saviours water treatment works. The Tables below provide a breakdown of the levels of PFOS observed in 2014 in drinking water from St Saviours water treatment works, St Saviour's reservoir and affected stream systems.

Table 14: Quality of water leaving treatment works – PFOS

Indicator Parameter	Prescribed Concentration or Value	Total number of tests	Tests Exceeding Specification	Minimum Result	Maximum Result
Perfluorooctane sulfonate (PFOS)	1.0 μg C <sub>8</sub> HF <sub>17</sub> O <sub>3</sub> S/I	28	0	<0.01 μg	0.16 μg
TOTAL	-	28	0	-	-

#### Table 15: Quality of stored water in St Saviours Reservoirs – PFOS

Indicator Parameter	Units of Measure	Total number of tests	Minimum Result	Maximum Result
Perfluorooctane sulfonate (PFOS)	μg C <sub>8</sub> HF <sub>17</sub> O <sub>3</sub> S/I	28	0.064 μg	0.19 μg
TOTAL	-	28	-	-

## Table 16: Quality of water in Island streams – PFOS

Indicator Parameter	Units of Measure	Total number of tests	Minimum Result	Maximum Result
Perfluorooctane sulfonate (PFOS)	μg C <sub>8</sub> HF <sub>17</sub> O <sub>3</sub> S/I	126	<0.01 μg	20 μg
TOTAL	-	126	-	-

#### **2014 WATER CATCHMENT AREA NITRATE LOADINGS...**

The 2014 nitrate loadings have been evaluated to produce a nitrate map showing the level of nitrates in each catchment area.

Samples are taken from each catchment area every week and this data has been statistically analysed to give the range of 90% of the samples (the top and bottom 5% have been removed as outliers from the observed range).

The Director of Environmental Health and Pollution Regulation submitted discharge standards for inclusion within Part VI of The Environmental Pollution (Guernsey) Law, 2004, to the States of Guernsey in Billet d'Etat XX1 2012 (dated 31<sup>st</sup> October 2012) and the proposed nitrate discharge level is recommended at 42 mg/l (as NO₃). The nitrate drinking water limit as prescribed in The Water Supply (Water Quality) Regulations 2000, as amended, is set at 50 mg/l.

To evaluate the ranges the following methodology was followed: -

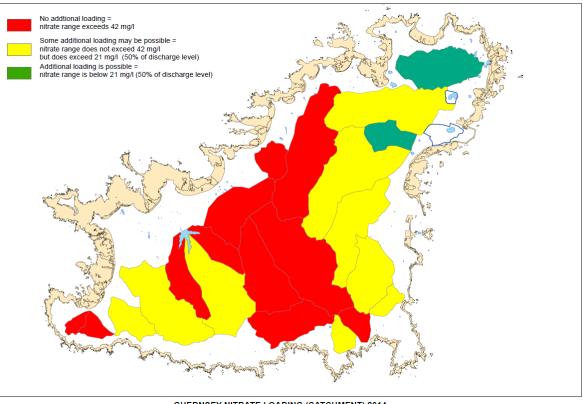
No additional loading = nitrate range exceeds 42 mg/l

Some additional loading may be possible = nitrate range does not exceed 42 mg/l but does exceed 21 mg/l (50% of discharge level)

Additional loading is possible = nitrate range is below 21 mg/l (50% of discharge level)

Figure 1 is the 95%ile data range and on the right is the map showing the colour coded catchment areas.

Figure 1 - 2014 Nitrate Loadings



**GUERNSEY NITRATE LOADING (CATCHMENT) 2014** 

Table 17: Quality of water in Island streams – Nitrate

2014 Water Cato	hment Area Nitra	te Loadings
CATCHMENT AREA	5%ILE (MG/L)	95%ILE (MG/L)
Beau Valet	17.5	36.1
Charroterie	18.9	41.7
Choffins	41.8	65.7
Cobo	19.5	81.8
Fauxquets	40.7	74.1
Fermain	22.2	32.0
Grande Mare	4.0	57.9
Les Arquets	22.6	39.8
Les Clercs	14.1	32.2
Marais Sump	2.8	17.9
Marais Stream	5.2	25.5
Mare de Carteret	10.3	42.4
Moulin Huet	17.2	42.6
Old Marais	1.4	9.1
Padins	20.3	42.8
Petit Bot	18.2	122.7
Pleinmont East	26.1	58.6
Pleinmont West	21.9	47.6
Saints	19.1	41.3
Talbots	29.2	68.9
Vale Pond	6.2	24.6
Vrangue	10.6	34.5

## APPENDIX A...

Table 18: Listed parameters Guernsey Water samples for and prescribed concentrations or values

Parameter	Prescribed Concentration or Value
Bacteriology	
Clostridium perfringens	0 number/100ml
Coliform Bacteria	0 number/100ml
Colony Counts After 3 Days At 22°C	No abnormal change
Colony Counts After 48 Hours At 37°C	No abnormal change
Cryptosporidium	oocyst >1 in 10 litres
E. coli	0 number/100ml
Enterococci	0 number/100ml
Chemistry	
1,2 Dichloroethane	3 μg/l
2,3,6-TBA	0.1 µg/l
2,4,5-TCA	0.1 µg/l
2,4-DB	0.1 µg/l
2-4,D	0.1 µg/l
Aldrin	0.03 μg/l
Aluminium	200 μg Al/l
Ammonium	0.5 mg NH <sub>4</sub> /I
Antimony	5 μg Sb/l
Arsenic	10 µg As/l
Atrazine	0.1 µg/l
Azinphos-methyl	0.1 μg/l
Benazolin	0.1 μg/l
Bentazone	0.1 μg/l
Benzene	1 μg/l
Benzo(a)pyrene	0.01 μg/l
Boron	1 mg B/l
Bromate	10 μg BrO3/l
Bromoxynil	0.1 μg/l
Cadmium	5 μg Cd/l
Carbendazim	0.1 μg/l
Carbetamide	0.1 μg/l
Carbophenothion	0.1 μg/l
Chlordane (cis)	0.1 μg/l
Chlordane (trans)	0.1 μg/l
Chloride	250 mg Cl/l
Chlorofenvinphos	0.1 μg/l
Chloropropham	0.1 μg/l
Chloropyriphos	0.1 μg/l
Chlorothalonil	0.1 µg/l
Chlorotoluron	0.1 µg/l
Chlorthal	0.1 μg/l
Chlorthal di methyl	0.1 μg/l
Chromium	50 μg Cr/l
Clopyralid	0.1 μg/l
Colour	20 mg/l Pt/Co scale
Conductivity	2500 μS/cm

Table 18: continued

Parameter   2 mg Cu/    Capper   2 mg Cu/    Cyanizine   0.1 μg/    Cyanide   50 μg CN/    Cypermethrin   0.1 μg/    D.D.D. Op   0.1 μg/    D.D.D. Op   0.1 μg/    D.D.E. Op   0.1 μg/    D.D.E. Op   0.1 μg/    D.D.E. Pp   0.1 μg/    D.D.T. Op   0.1 μg/    D.D.T. Op   0.1 μg/    D.D.T. Op   0.1 μg/    D.D.T. Pp   0.1 μg/    D.D.T. Pp   0.1 μg/    D.D.T. Pp   0.1 μg/    Diazinon   0.1 μg/    Diazinon   0.1 μg/    Dicamba   0.1 μg/    Dichloroprop   0.1 μg/    Dichlororos   0.1 μg/    Diffurenican   0.1 μg/    Dimethoate   0.1 μg/    Dimethoate   0.1 μg/    Dimon   0.1 μg/    Fenitrothion   0.1 μg/    Fluroxpyr   0.1 μg/    Glyphosate   0.1 μg/    Heptachlor   0.03 μg/    Heptachlor   0.03 μg/    Heptachlor   0.03 μg/    Heptachlorocyclohexane alpha   0.1 μg/    Hexachlorocyclohexane beta   0.1 μg/    Hexachlorocyclohexane gamma   0.1 μg/    Heydrogen ion (pH)   6.5 - 9.5 pH value     Lowynil   10 μg/    Isoproturon   0.1 μg/    Mc.C.P.A.   0.1 μg/    Manganese   50 μg Mn/    Mecarbam   0.1 μg/    Metaldehyde   0.1 μg/		B
Cyanazine         0.1 μg/l           Cyanide         50 μg CN/l           Cypermethrin         0.1 μg/l           D.D.D. Op         0.1 μg/l           D.D.D. Pp         0.1 μg/l           D.D.E. Op         0.1 μg/l           D.D.E. Pp         0.1 μg/l           D.D.T. Op         0.1 μg/l           D.D.T. Pp         0.1 μg/l           Diazinon         0.1 μg/l           Dicamba         0.1 μg/l           Dicamba         0.1 μg/l           Dichlororo         0.1 μg/l           Dichlororos         0.1 μg/l           Dichloros         0.1 μg/l           Diedrin         0.03 μg/l           Dimethoate         0.1 μg/l           Diuron         0.1 μg/l           Endrin         0.1 μg/l           Fentrothion         0.1 μg/l           Fluroxpyr         0.1 μg/l           Glyphosate         0.1 μg/l           Heptachlor         0.03 μg/l           Heptachlor epoxide         0.03 μg/l           Heptachlorocyclohexane alpha         0.1 μg/l           Hexachlorocyclohexane beta         0.1 μg/l           Hexachlorocyclohexane beta         0.1 μg/l           Hexachlorocyclo	Parameter	
Cyanide         50 µg CN/I           Cypermethrin         0.1 µg/I           D.D.D. Op         0.1 µg/I           D.D.D. Pp         0.1 µg/I           D.D.E. Op         0.1 µg/I           D.D.E. Pp         0.1 µg/I           D.D.T. Op         0.1 µg/I           D.D.T. Op         0.1 µg/I           D.D.T. Pp         0.1 µg/I           Diagnon         0.1 µg/I           Diazinon         0.1 µg/I           Dicamba         0.1 µg/I           Dichloroprop         0.1 µg/I           Dichloros         0.1 µg/I           Dichloros         0.1 µg/I           Diedrin         0.03 µg/I           Diffufenican         0.1 µg/I           Dimethoate         0.1 µg/I           Dimethoate         0.1 µg/I           Dimethoate         0.1 µg/I           Diuron         0.1 µg/I           Endrin         0.1 µg/I           Fenitrothion         0.1 µg/I           Fluoride         1.5 mg F/I           Fluoropyr         0.1 µg/I           Glyphosate         0.1 µg/I           Heptachlor epoxide         0.03 µg/I           Heptachlor epoxide         0.1 µg/I	Copper	2 mg Cu/l
Cypermethrin         0.1 μg/l           D.D.D. Op         0.1 μg/l           D.D.E. Op         0.1 μg/l           D.D.E. Op         0.1 μg/l           D.D.E. Pp         0.1 μg/l           D.D.T. Op         0.1 μg/l           D.D.T. Pp         0.1 μg/l           Dialapon         0.1 μg/l           Diazionon         0.1 μg/l           Dicamba         0.1 μg/l           Dichloroprop         0.1 μg/l           Dichloros         0.1 μg/l           Dichloros         0.1 μg/l           Dieldrin         0.03 μg/l           Diffufenican         0.1 μg/l           Dimethoate         0.1 μg/l           Diuron         0.1 μg/l           Endrin         0.1 μg/l           Fluoride         1.5 mg F/l           Fluoride         1.5 mg F/l           Fluroxpyr         0.1 μg/l           Glyphosate         0.1 μg/l           Heptachlor         0.03 μg/l           Heptachlor epoxide         0.03 μg/l           Heptachlor epoxide         0.1 μg/l           Hexachlorocyclohexane alpha         0.1 μg/l           Hexachlorocyclohexane beta         0.1 μg/l           Hexachlorocyclohex	Cyanazine	0.1 μg/l
D.D.D. Op	Cyanide	50 μg CN/I
D.D.D. Pp D.D.E. Op D.D.E. Op D.D.E. Op D.D.E. Pp D.D.E. Pp D.1 µg/l D.D.T. Op D.1 µg/l D.D.T. Op D.1 µg/l D.D.T. Pp D.1 µg/l D.D.T. Pp D.1 µg/l Diajon D.1 µg/l Diazinon D.1 µg/l Dicamba D.1 µg/l Dichloropop D.1 µg/l Dichloropo D.1 µg/l Dichloros Diffufenican D.1 µg/l Dimethoate D.1 µg/l Dimethoate D.1 µg/l Diuron Diffufenican D.1 µg/l Diuron Diug/l Endrin D.1 µg/l Fluoride Diuron D.1 µg/l Fluoride Diuron D.1 µg/l Fluoropyr D.1 µg/l Fluoropyr D.1 µg/l Fluoropyr D.1 µg/l Fluorophos D.1 µg/l Heptachlor D.0.3 µg/l Heptachlor D.0.3 µg/l Heptachlor D.0.3 µg/l Heptachlor D.1 µg/l Heptachlor D.1 µg/l Heptachlor D.1 µg/l Heptachlor D.1 µg/l Heptachlorocyclohexane alpha D.1 µg/l Hexachlorocyclohexane beta D.1 µg/l Hexachlorocyclohexane Delta D.1 µg/l Hexachlorocyclohexane Delta D.1 µg/l Hexachlorocyclohexane Delta D.1 µg/l Hexachlorocyclohexane Dolta D.1 µg/l Hexachlorocyclohexane Samma D.1 µg/l Iron D.1 µg/l Iron D.1 µg/l Isodrin D.1 µg/l Isodrin D.1 µg/l Isodrin D.1 µg/l Isodrin D.1 µg/l Mc.P.A. D.1 µg/l Mc.P.B. D.1 µg/l Manganese DO µg Mp/l Mecarbam DO 11 µg/l Mecarbam DO 11 µg/l Metaldehyde DO 11 µg/l Metaldehyde DO 11 µg/l Metaldehyde DO 11 µg/l Metaldehyde DO 11 µg/l	Cypermethrin	0.1 μg/l
D.D.E. Op         0.1 μg/l           D.D.E. Pp         0.1 μg/l           D.D.T. Op         0.1 μg/l           D.D.T. Pp         0.1 μg/l           Dalapon         0.1 μg/l           Diazinon         0.1 μg/l           Dicamba         0.1 μg/l           Dichloroprop         0.1 μg/l           Dichloros         0.1 μg/l           Dieldrin         0.03 μg/l           Difflufenican         0.1 μg/l           Diuron         0.1 μg/l           Endrin         0.1 μg/l           Fenitrothion         0.1 μg/l           Fluroxpyr         0.1 μg/l           Glyphosate         0.1 μg/l           Heptachlor         0.03 μg/l           Heptachlor epoxide         0.03 μg/l           Heptachlor ocyclohexane alpha         0.1 μg/l           Hexachlorocyclohexane beta         0.1 μg/l           Hexachlorocyclohexane beta         0.1 μg/l           Hexachlorocyclohexane gamma         0.1 μg/l           Hydrogen ion (pH)         6.5 - 9.5 pH value           Ioxynil         0.1 μg/l           Iprodione         0.1 μg/l           Isodrin         0.1 μg/l           Isodrin         0.1 μg/l	D.D.D. Op	0.1 μg/l
D.D.E. Pp         0.1 μg/l           D.D.T. Op         0.1 μg/l           D.D.T. Pp         0.1 μg/l           Dalapon         0.1 μg/l           Dicamba         0.1 μg/l           Dichloroprop         0.1 μg/l           Dichlorovos         0.1 μg/l           Dichlorovos         0.1 μg/l           Dieldrin         0.03 μg/l           Diffurenican         0.1 μg/l           Diuron         0.1 μg/l           Diuron         0.1 μg/l           Endrin         0.1 μg/l           Fenitrothion         0.1 μg/l           Fluoroby         0.1 μg/l           Glyphosate         0.1 μg/l           Heptachlor         0.03 μg/l           Heptachlor epoxide         0.03 μg/l           Heptachlor epoxide         0.03 μg/l           Hexachlorocyclohexane alpha         0.1 μg/l           Hexachlorocyclohexane beta         0.1 μg/l           Hexachlorocyclohexane gamma         0.1 μg/l           Hexachlorocyclohexane gamma         0.1 μg/l           Hexachlorocyclohexane gamma         0.1 μg/l           Hexachlorocyclohexane gamma         0.1 μg/l           Ipordione         0.1 μg/l           Ipordione	D.D.D. Pp	0.1 μg/l
D.D.T. Op         0.1 μg/l           D.D.T. Pp         0.1 μg/l           Dalapon         0.1 μg/l           Diazinon         0.1 μg/l           Dicamba         0.1 μg/l           Dichloroprop         0.1 μg/l           Dichloros         0.1 μg/l           Dichloros         0.1 μg/l           Diedrin         0.03 μg/l           Diffufenican         0.1 μg/l           Dimon         0.1 μg/l           Endrin         0.1 μg/l           Fendrin         0.1 μg/l           Fendrin         0.1 μg/l           Fenitrothion         0.1 μg/l           Fluoroxpr         0.1 μg/l           Glyphosate         0.1 μg/l           Heptachlor         0.03 μg/l           Heptachlor epoxide         0.03 μg/l           Heptachlor epoxide         0.1 μg/l           Hexachlorocyclohexane alpha         0.1 μg/l           Hexachlorocyclohexane beta         0.1 μg/l           Hexachlorocyclohexane Beta         0.1 μg/l           Hexachlorocyclohexane gamma         0.1 μg/l           Hexachlorocyclohexane gamma         0.1 μg/l           Ipordione         0.1 μg/l           Ipordione         0.1 μg/l <td>D.D.E. Op</td> <td></td>	D.D.E. Op	
D.D.T. Pp         0.1 μg/l           Dalapon         0.1 μg/l           Diazinon         0.1 μg/l           Dicamba         0.1 μg/l           Dichloroprop         0.1 μg/l           Dichlorovos         0.1 μg/l           Dichlorovos         0.1 μg/l           Dichlorovos         0.1 μg/l           Dieldrin         0.03 μg/l           Dimethoate         0.1 μg/l           Diuron         0.1 μg/l           Endrin         0.1 μg/l           Fenitrothion         0.1 μg/l           Fluroxpyr         0.1 μg/l           Glyphosate         0.1 μg/l           Heptachlor         0.03 μg/l           Heptachlor epoxide         0.03 μg/l           Heptachlor epoxide         0.03 μg/l           Heptachlorocyclohexane alpha         0.1 μg/l           Hexachlorocyclohexane beta         0.1 μg/l           Hexachlorocyclohexane Delta         0.1 μg/l           Hexachlorocyclohexane gamma         0.1 μg/l           Hydrogen ion (pH)         6.5 - 9.5 pH value           loxynil         0.1 μg/l           Ipodione         0.1 μg/l           Isodrin         0.1 μg/l           Isodrin         0.1 μg/l	D.D.E. Pp	0.1 μg/l
Dalapon   D.1 μg/l     Diazinon   D.1 μg/l     Dicamba   D.1 μg/l     Dichloroprop   D.1 μg/l     Dichlorvos   D.1 μg/l     Dichlorvos   D.1 μg/l     Dieldrin   D.0.3 μg/l     Diffurenican   D.1 μg/l     Dimethoate   D.1 μg/l     Diuron   D.1 μg/l     Endrin   D.1 μg/l     Endrin   D.1 μg/l     Fenitrothion   D.1 μg/l     Fenitrothion   D.1 μg/l     Fluoroxpy   D.1 μg/l     Glyphosate   D.1 μg/l     Heptachlor   D.0.3 μg/l     Heptachlor   D.0.3 μg/l     Heptachlor   D.0.3 μg/l     Hetwachlorocyclohexane alpha   D.1 μg/l     Hexachlorocyclohexane beta   D.1 μg/l     Hexachlorocyclohexane Delta   D.1 μg/l     Hexachlorocyclohexane Delta   D.1 μg/l     Hexachlorocyclohexane gamma   D.1 μg/l     Hexachlorocyclohexane gamma   D.1 μg/l     Hoyonil   D.1 μg/l     Hoyonil   D.1 μg/l     Iron   200 μg Fe/l     Isodrin   D.1 μg/l     Isoproturon   D.1 μg/l     Isoproturon   D.1 μg/l     M.C.P.A.   D.1 μg/l     M.C.P.B.   D.1 μg/l     Malathion   D.1 μg/l     Mecoprop   D.1 μg/l     Mecoprop   D.1 μg/l     Metaldehyde   D.1 μg/l     Metal	D.D.T. Op	0.1 μg/l
Diazinon   Diazinon   Diazinon   Diazinon   Diazinon   Diagh	D.D.T. Pp	0.1 μg/l
Dicamba   Dicamba   Dichloroprop   Di μg/l     Dichloroprop   Di μg/l     Dichloros   Di μg/l     Dichloros   Di μg/l     Dichloros   Di μg/l     Didufenican   Di μg/l     Dimethoate   Di μg/l     Diuron   Di μg/l     Endrin   Di μg/l     Endrin   Di μg/l     Endrin   Di μg/l     Fenitrothion   Di μg/l     Fluoride   Di μg/l     Fluoropyr   Di μg/l     Fluroxpyr   Di μg/l     Fluroxpyr   Di μg/l     Fluroxpyr   Di μg/l     Heptachlor   Di μg/l     Heptachlor   Di μg/l     Heptachlor epoxide   Di μg/l     Heptachlor epoxide   Di μg/l     Hexachlorocyclohexane alpha   Di μg/l     Hexachlorocyclohexane beta   Di μg/l     Hexachlorocyclohexane Delta   Di μg/l     Hexachlorocyclohexane gamma   Di μg/l     Hydrogen ion (pH)   Di pg/l     Iron   Di μg/l     Iron   Di μg/l     Isodrin   Di μg/l     Isoproturon   Di μg/l     Lead   Di μg/l     Linuron   Di μg/l     Linuron   Di μg/l     M.C.P.A.   Di μg/l     M.C.P.B.   Di μg/l     Malathion   Di μg/l     Mecarbam   Di μg/l     Mecarbam   Di μg/l     Mecarbam   Di μg/l     Metaldehyde   Di μg/l     Di μg/l	Dalapon	0.1 μg/l
Dichloroprop   D.1 μg/l	Diazinon	0.1 μg/l
Dichlorvos   D.1 μg/l	Dicamba	0.1 μg/l
Dieldrin   Dieldrin   Diffusenican   Dit μg/l	Dichloroprop	0.1 μg/l
Diffufenican         0.1 μg/l           Dimethoate         0.1 μg/l           Diuron         0.1 μg/l           Endrin         0.1 μg/l           Fenitrothion         0.1 μg/l           Fluoride         1.5 mg F/l           Fluroxpyr         0.1 μg/l           Glyphosate         0.1 μg/l           Heptachlor         0.03 μg/l           Heptachlor epoxide         0.03 μg/l           Heptachlor epoxide         0.03 μg/l           Hexachlorocyclohexane alpha         0.1 μg/l           Hexachlorocyclohexane beta         0.1 μg/l           Hexachlorocyclohexane Delta         0.1 μg/l           Hexachlorocyclohexane gamma         0.1 μg/l           Hydrogen ion (pH)         6.5 - 9.5 pH value           loxynil         0.1 μg/l           Iron         200 μg Fe/l           Isodrin         0.1 μg/l           Isodrin         0.1 μg/l           Isoproturon         0.1 μg/l           Lead         10 μg Pb/l           Linuron         0.1 μg/l           M.C.P.B.         0.1 μg/l           Malathion         0.1 μg/l           Maganese         50 μg Mn/l           Mecarbam         0.1 μg/l <td>Dichlorvos</td> <td>0.1 μg/l</td>	Dichlorvos	0.1 μg/l
Dimethoate   D.1 μg/l	Dieldrin	0.03 μg/l
Diuron         0.1 μg/l           Endrin         0.1 μg/l           Fenitrothion         0.1 μg/l           Fluoride         1.5 mg F/l           Fluroxpyr         0.1 μg/l           Glyphosate         0.1 μg/l           Heptachlor         0.03 μg/l           Heptachlor epoxide         0.03 μg/l           Heptachlor epoxide         0.03 μg/l           Hexpachlorocyclohexane alpha         0.1 μg/l           Hexachlorocyclohexane beta         0.1 μg/l           Hexachlorocyclohexane palma         0.1 μg/l           Hydrogen ion (pH)         6.5 - 9.5 pH value           Ioxynil         0.1 μg/l           Iprodione         0.1 μg/l           Iron         200 μg Fe/l           Isodrin         0.1 μg/l           Isoproturon         0.1 μg/l           Lead         10 μg Pb/l           Linuron         0.1 μg/l           M.C.P.A.         0.1 μg/l           M.C.P.B.         0.1 μg/l           Malathion         0.1 μg/l           Maganese         50 μg Mn/l           Mecarbam         0.1 μg/l           Metaldehyde         0.1 μg/l           Metaldehyde         0.1 μg/l	Diflufenican	0.1 μg/l
Endrin         0.1 μg/l           Fenitrothion         0.1 μg/l           Fluoride         1.5 mg F/l           Fluroxpyr         0.1 μg/l           Glyphosate         0.1 μg/l           Heptachlor         0.03 μg/l           Heptachlor epoxide         0.03 μg/l           Heptachlor ocyclohexane         0.1 μg/l           Hexachlorocyclohexane alpha         0.1 μg/l           Hexachlorocyclohexane beta         0.1 μg/l           Hexachlorocyclohexane Delta         0.1 μg/l           Hydrogen ion (pH)         6.5 - 9.5 pH value           Ioxynil         0.1 μg/l           Iprodione         0.1 μg/l           Iron         200 μg Fe/l           Isodrin         0.1 μg/l           Isoproturon         0.1 μg/l           Lead         10 μg Pb/l           Linuron         0.1 μg/l           M.C.P.A.         0.1 μg/l           M.C.P.B.         0.1 μg/l           Malathion         0.1 μg/l           Maganese         50 μg Mn/l           Mecarbam         0.1 μg/l           Metaldehyde         0.1 μg/l           Metaldehyde         0.1 μg/l           Methabenzthiazuron         0.1 μg/l <td>Dimethoate</td> <td>0.1 μg/l</td>	Dimethoate	0.1 μg/l
Fenitrothion         0.1 μg/l           Fluoride         1.5 mg F/l           Fluroxpyr         0.1 μg/l           Glyphosate         0.1 μg/l           Heptachlor         0.03 μg/l           Heptachlor epoxide         0.03 μg/l           Heptachlorocyclohexane         0.1 μg/l           Hexachlorocyclohexane alpha         0.1 μg/l           Hexachlorocyclohexane beta         0.1 μg/l           Hexachlorocyclohexane gamma         0.1 μg/l           Hydrogen ion (pH)         6.5 - 9.5 pH value           Ioxynil         0.1 μg/l           Iprodione         0.1 μg/l           Iron         200 μg Fe/l           Isodrin         0.1 μg/l           Isoproturon         0.1 μg/l           Lead         10 μg Pb/l           Linuron         0.1 μg/l           M.C.P.A.         0.1 μg/l           M.C.P.B.         0.1 μg/l           Malathion         0.1 μg/l           Marganese         50 μg Mn/l           Mecorbam         0.1 μg/l           Mecoprop         0.1 μg/l           Metaldehyde         0.1 μg/l           Metaldehyde         0.1 μg/l	Diuron	0.1 μg/l
Fluoride         1.5 mg F/I           Fluroxpyr         0.1 μg/I           Glyphosate         0.1 μg/I           Heptachlor         0.03 μg/I           Heptachlor epoxide         0.03 μg/I           Heptenophos         0.1 μg/I           Hexachlorocyclohexane alpha         0.1 μg/I           Hexachlorocyclohexane beta         0.1 μg/I           Hexachlorocyclohexane Delta         0.1 μg/I           Hexachlorocyclohexane gamma         0.1 μg/I           Hydrogen ion (pH)         6.5 - 9.5 pH value           Ioxynil         0.1 μg/I           Iprodione         0.1 μg/I           Iron         200 μg Fe/I           Isodrin         0.1 μg/I           Isoproturon         0.1 μg/I           Lead         10 μg Pb/I           Linuron         0.1 μg/I           M.C.P.A.         0.1 μg/I           M.C.P.B.         0.1 μg/I           MAIsthion         0.1 μg/I           Manganese         50 μg Mn/I           Mecarbam         0.1 μg/I           Mecrorop         0.1 μg/I           Metaldehyde         0.1 μg/I           Methabenzthiazuron         0.1 μg/I	Endrin	0.1 μg/l
Fluroxpyr   0.1 μg/l     Glyphosate   0.1 μg/l     Heptachlor   0.03 μg/l     Heptachlor epoxide   0.03 μg/l     Heptenophos   0.1 μg/l     Hexachlorocyclohexane alpha   0.1 μg/l     Hexachlorocyclohexane beta   0.1 μg/l     Hexachlorocyclohexane Delta   0.1 μg/l     Hexachlorocyclohexane gamma   0.1 μg/l     Hexachlorocyclohexane gamma   0.1 μg/l     Hexachlorocyclohexane gamma   0.1 μg/l     Iron   0.1 μg/l     Iprodione   0.1 μg/l     Iron   200 μg Fe/l     Isodrin   0.1 μg/l     Isoproturon   0.1 μg/l     Lead   10 μg Pb/l     Linuron   0.1 μg/l     M.C.P.A.   0.1 μg/l     M.C.P.B.   0.1 μg/l     Malathion   0.1 μg/l     Malathion   0.1 μg/l     Manganese   50 μg Mn/l     Mecoprop   0.1 μg/l     Mecoprop   0.1 μg/l     Metaldehyde   0.1 μg/l     Metaldehyde   0.1 μg/l     Metaldehyde   0.1 μg/l     Metaldenzthiazuron   0.1 μg/l     Metal	Fenitrothion	0.1 μg/l
Glyphosate   0.1 μg/l     Heptachlor   0.03 μg/l     Heptachlor epoxide   0.03 μg/l     Heptachlor epoxide   0.1 μg/l     Hexachlorocyclohexane alpha   0.1 μg/l     Hexachlorocyclohexane beta   0.1 μg/l     Hexachlorocyclohexane Delta   0.1 μg/l     Hexachlorocyclohexane gamma   0.1 μg/l     Hexachlorocyclohexane gamma   0.1 μg/l     Hydrogen ion (pH)   6.5 - 9.5 pH value     loxynil   0.1 μg/l     Iprodione   0.1 μg/l     Iron   200 μg Fe/l     Isodrin   0.1 μg/l     Isoproturon   0.1 μg/l     Lead   10 μg Pb/l     Linuron   0.1 μg/l     M.C.P.A.   0.1 μg/l     M.C.P.B.   0.1 μg/l     Malathion   0.1 μg/l     Malathion   0.1 μg/l     Manganese   50 μg Mn/l     Mecoprop   0.1 μg/l     Mecoprop   0.1 μg/l     Metaldehyde   0.1 μg/l     Metaldehyde   0.1 μg/l     Metaldehyde   0.1 μg/l     Metaldenzthiazuron	Fluoride	1.5 mg F/l
Heptachlor         0.03 μg/l           Heptachlor epoxide         0.03 μg/l           Heptenophos         0.1 μg/l           Hexachlorocyclohexane alpha         0.1 μg/l           Hexachlorocyclohexane beta         0.1 μg/l           Hexachlorocyclohexane Delta         0.1 μg/l           Hexachlorocyclohexane gamma         0.1 μg/l           Hydrogen ion (pH)         6.5 - 9.5 pH value           loxynil         0.1 μg/l           Iprodione         0.1 μg/l           Iron         200 μg Fe/l           Isodrin         0.1 μg/l           Isoproturon         0.1 μg/l           Lead         10 μg Pb/l           Linuron         0.1 μg/l           M.C.P.A.         0.1 μg/l           M.C.P.B.         0.1 μg/l           Malathion         0.1 μg/l           Manganese         50 μg Mn/l           Mecarbam         0.1 μg/l           Mecoprop         0.1 μg/l           Metaldehyde         0.1 μg/l           Methabenzthiazuron         0.1 μg/l	Fluroxpyr	0.1 μg/l
Heptachlor epoxide         0.03 μg/l           Heptenophos         0.1 μg/l           Hexachlorocyclohexane alpha         0.1 μg/l           Hexachlorocyclohexane beta         0.1 μg/l           Hexachlorocyclohexane Delta         0.1 μg/l           Hexachlorocyclohexane gamma         0.1 μg/l           Hydrogen ion (pH)         6.5 - 9.5 pH value           loxynil         0.1 μg/l           Iprodione         0.1 μg/l           Iron         200 μg Fe/l           Isodrin         0.1 μg/l           Isoproturon         0.1 μg/l           Lead         10 μg Pb/l           Linuron         0.1 μg/l           M.C.P.A.         0.1 μg/l           MAC.P.B.         0.1 μg/l           Malathion         0.1 μg/l           Manganese         50 μg Mn/l           Mecorbam         0.1 μg/l           Mecoprop         0.1 μg/l           Metaldehyde         0.1 μg/l           Methabenzthiazuron         0.1 μg/l	Glyphosate	0.1 μg/l
Heptenophos   0.1 μg/l     Hexachlorocyclohexane alpha   0.1 μg/l     Hexachlorocyclohexane beta   0.1 μg/l     Hexachlorocyclohexane Delta   0.1 μg/l     Hexachlorocyclohexane gamma   0.1 μg/l     Hexachlorocyclohexane gamma   0.1 μg/l     Hydrogen ion (pH)   6.5 - 9.5 pH value     loxynil   0.1 μg/l     Iprodione   0.1 μg/l     Iron   200 μg Fe/l     Isodrin   0.1 μg/l     Isoproturon   0.1 μg/l     Lead   10 μg Pb/l     Linuron   0.1 μg/l     Linuron   0.1 μg/l     M.C.P.A.   0.1 μg/l     M.C.P.B.   0.1 μg/l     Malathion   0.1 μg/l     Manganese   50 μg Mn/l     Mecarbam   0.1 μg/l     Mecoprop   0.1 μg/l     Metaldehyde   0.1 μg/l	Heptachlor	0.03 μg/l
Hexachlorocyclohexane alpha   0.1 μg/l     Hexachlorocyclohexane beta   0.1 μg/l     Hexachlorocyclohexane Delta   0.1 μg/l     Hexachlorocyclohexane gamma   0.1 μg/l     Index   10 μg/l     Index   10 μg/l     Index   10 μg/l     Isodrin   0.1 μg/l     Isoproturon   0.1 μg/l     Isoproturon   0.1 μg/l     Isoproturon   0.1 μg/l     Index   10 μg/l     M.C.P.A.   0.1 μg/l     M.C.P.B.   0.1 μg/l     Malathion   0.1 μg/l     Manganese   50 μg Mn/l     Mecarbam   0.1 μg/l     Mecoprop   0.1 μg/l     Mercury   1 μg Hg/l     Metaldehyde   0.1 μg/l     Metaldehyde   0.1 μg/l     Methabenzthiazuron   0.1 μg/l     Methabenzthiazuron   0.1 μg/l     Methabenzthiazuron   0.1 μg/l     Metaldehyde   0.1 μg/l	Heptachlor epoxide	0.03 μg/l
Hexachlorocyclohexane beta         0.1 μg/l           Hexachlorocyclohexane gamma         0.1 μg/l           Hydrogen ion (pH)         6.5 - 9.5 pH value           loxynil         0.1 μg/l           lprodione         0.1 μg/l           lron         200 μg Fe/l           lsodrin         0.1 μg/l           lsoproturon         0.1 μg/l           Lead         10 μg Pb/l           Linuron         0.1 μg/l           M.C.P.A.         0.1 μg/l           M.C.P.B.         0.1 μg/l           Malathion         0.1 μg/l           Mecarbam         0.1 μg/l           Mecoprop         0.1 μg/l           Mercury         1 μg Hg/l           Metaldehyde         0.1 μg/l           Methabenzthiazuron         0.1 μg/l	Heptenophos	0.1 μg/l
Hexachlorocyclohexane Delta   0.1 μg/l     Hexachlorocyclohexane gamma   0.1 μg/l     Hydrogen ion (pH)   6.5 - 9.5 pH value     Ioxynil   0.1 μg/l     Iprodione   0.1 μg/l     Iron   200 μg Fe/l     Isodrin   0.1 μg/l     Isoproturon   0.1 μg/l     Lead   10 μg Pb/l     Linuron   0.1 μg/l     M.C.P.A.   0.1 μg/l     M.C.P.B.   0.1 μg/l     Malathion   0.1 μg/l     Manganese   50 μg Mn/l     Mecarbam   0.1 μg/l     Mecoprop   0.1 μg/l     Mercury   1 μg Hg/l     Metaldehyde   0.1 μg/l     Methabenzthiazuron   0.1 μg/l     Methabenzthiazuron   0.1 μg/l     Methabenzthiazuron   0.1 μg/l     Methabenzthiazuron   0.1 μg/l     Metaldehyde   0.1 μg/l     Metaldehyde   0.1 μg/l     Methabenzthiazuron   0.1 μg/l     Metaldehyde   0.1 μg/l     Me	Hexachlorocyclohexane alpha	0.1 μg/l
Hexachlorocyclohexane gamma   0.1 μg/l     Hydrogen ion (pH)   6.5 - 9.5 pH value     loxynil   0.1 μg/l     lprodione   0.1 μg/l     lron   200 μg Fe/l     lsodrin   0.1 μg/l     lsoproturon   0.1 μg/l     Lead   10 μg Pb/l     Linuron   0.1 μg/l     M.C.P.A.   0.1 μg/l     M.C.P.B.   0.1 μg/l     Malathion   0.1 μg/l     Manganese   50 μg Mn/l     Mecarbam   0.1 μg/l     Mecoprop   0.1 μg/l     Metaldehyde   0.1 μg/l     Metaldehyde   0.1 μg/l     Methabenzthiazuron   0.1 μg/l     Metaldehyde   0.1 μg/l     Methabenzthiazuron   0.1 μg/l     Metaldehyde   0.1 μg/l     Metaldehy	Hexachlorocyclohexane beta	0.1 μg/l
Hydrogen ion (pH)       6.5 - 9.5 pH value         loxynil       0.1 μg/l         Iprodione       0.1 μg/l         Iron       200 μg Fe/l         Isodrin       0.1 μg/l         Isoproturon       0.1 μg/l         Lead       10 μg Pb/l         Linuron       0.1 μg/l         M.C.P.A.       0.1 μg/l         M.C.P.B.       0.1 μg/l         Malathion       0.1 μg/l         Mecarbam       0.1 μg/l         Mecoprop       0.1 μg/l         Mercury       1 μg Hg/l         Metaldehyde       0.1 μg/l         Methabenzthiazuron       0.1 μg/l	Hexachlorocyclohexane Delta	0.1 μg/l
Ioxynil   0.1 μg/l	Hexachlorocyclohexane gamma	0.1 μg/l
Iprodione   0.1 μg/l	Hydrogen ion (pH)	6.5 - 9.5 pH value
Iron       200 μg Fe/l         Isodrin       0.1 μg/l         Isoproturon       0.1 μg/l         Lead       10 μg Pb/l         Linuron       0.1 μg/l         M.C.P.A.       0.1 μg/l         M.C.P.B.       0.1 μg/l         Malathion       0.1 μg/l         Manganese       50 μg Mn/l         Mecarbam       0.1 μg/l         Mecoprop       0.1 μg/l         Mercury       1 μg Hg/l         Metaldehyde       0.1 μg/l         Methabenzthiazuron       0.1 μg/l	loxynil	0.1 μg/l
Isodrin   0.1 μg/l	Iprodione	0.1 μg/l
Soproturon   0.1 μg/l     10 μg Pb/l	Iron	200 μg Fe/l
Lead       10 μg Pb/l         Linuron       0.1 μg/l         M.C.P.A.       0.1 μg/l         M.C.P.B.       0.1 μg/l         Malathion       0.1 μg/l         Manganese       50 μg Mn/l         Mecarbam       0.1 μg/l         Mecoprop       0.1 μg/l         Mercury       1 μg Hg/l         Metaldehyde       0.1 μg/l         Methabenzthiazuron       0.1 μg/l	Isodrin	0.1 μg/l
Linuron       0.1 μg/l         M.C.P.A.       0.1 μg/l         M.C.P.B.       0.1 μg/l         Malathion       0.1 μg/l         Manganese       50 μg Mn/l         Mecarbam       0.1 μg/l         Mecoprop       0.1 μg/l         Mercury       1 μg Hg/l         Metaldehyde       0.1 μg/l         Methabenzthiazuron       0.1 μg/l	Isoproturon	0.1 μg/l
M.C.P.A.       0.1 μg/l         M.C.P.B.       0.1 μg/l         Malathion       0.1 μg/l         Manganese       50 μg Mn/l         Mecarbam       0.1 μg/l         Mecoprop       0.1 μg/l         Mercury       1 μg Hg/l         Metaldehyde       0.1 μg/l         Methabenzthiazuron       0.1 μg/l	Lead	10 μg Pb/l
M.C.P.B.       0.1 μg/l         Malathion       0.1 μg/l         Manganese       50 μg Mn/l         Mecarbam       0.1 μg/l         Mecoprop       0.1 μg/l         Mercury       1 μg Hg/l         Metaldehyde       0.1 μg/l         Methabenzthiazuron       0.1 μg/l	Linuron	0.1 μg/l
Malathion       0.1 μg/l         Manganese       50 μg Mn/l         Mecarbam       0.1 μg/l         Mecoprop       0.1 μg/l         Mercury       1 μg Hg/l         Metaldehyde       0.1 μg/l         Methabenzthiazuron       0.1 μg/l	M.C.P.A.	0.1 μg/l
Manganese       50 μg Mn/l         Mecarbam       0.1 μg/l         Mecoprop       0.1 μg/l         Mercury       1 μg Hg/l         Metaldehyde       0.1 μg/l         Methabenzthiazuron       0.1 μg/l	M.C.P.B.	0.1 μg/l
Manganese       50 μg Mn/l         Mecarbam       0.1 μg/l         Mecoprop       0.1 μg/l         Mercury       1 μg Hg/l         Metaldehyde       0.1 μg/l         Methabenzthiazuron       0.1 μg/l	Malathion	0.1 μg/l
Mecoprop $0.1  \mu g/l$ Mercury $1  \mu g  Hg/l$ Metaldehyde $0.1  \mu g/l$ Methabenzthiazuron $0.1  \mu g/l$	Manganese	50 μg Mn/l
Mercury     1 μg Hg/l       Metaldehyde     0.1 μg/l       Methabenzthiazuron     0.1 μg/l	Mecarbam	0.1 μg/l
Mercury1 μg Hg/lMetaldehyde $0.1  \mu g/l$ Methabenzthiazuron $0.1  \mu g/l$	Mecoprop	0.1 μg/l
Metaldehyde0.1 μg/lMethabenzthiazuron0.1 μg/l		1 μg Hg/l
Methabenzthiazuron 0.1 μg/l	Metaldehyde	
		0.1 μg/l

## Table 18: continued

Nickel   20 μg Ni/l	Parameter	Prescribed Concentration or Value
Nitrate         50 mg NO3/I           Nitrate/Nitrite Formula         1 mg NO2/I           Nitrite         0.1 mg NO2/I (treatment works)           Nitrite         0.5 mg NO2/I (consumers' tap)           Organoleptic Odour         3 at 25°C dilution number           Organoleptic Taste         3 at 25°C dilution number           Oxamyl         0.1 µg/I           Perathion-ethyl         0.1 µg/I           Pendimethalin         0.1 µg/I           Pendimethalin         0.1 µg/I           Pentachlorophenol         0.1 µg/I           Perfluorooctane sulphonate (PFOS)         1 µg/I           Pridices         0.1 µg/I           Pridices         0.1 µg/I           Pridices         0.1 µg/I           Primmerbos         0.1 µg/I           Propetambos         0.1 µg/I           Propetamphos         0.1 µg/I           Propetamphos         0.1 µg/I           Propetamphos         0.1 µg/I           Residual Disinfectant - Free         No	Nickel	
Nitrate/Nitrite Formula         Img NO2/I (treatment works)           Nitrite         0.1 mg NO2/I (treatment works)           Nitrite         0.5 mg NO2/I (consumers' tap)           Organoleptic Odour         3 at 25°C dilution number           Organoleptic Taste         3 at 25°C dilution number           Oxamyl         0.1 μg/I           Perathion-ethyl         0.1 μg/I           Pendimethalin         0.1 μg/I           Pendimethalin         0.1 μg/I           Perfluoroctane sulphonate (PFOS)         10 μg/I           Perfluoroctanoic acid (PFOA)         10 μg/I           Perfluoroctanoic acid (PFOA)         10 μg/I           Pesticides: Total         0.5 μg/I           Picines         0.1 μg/I           Picines         0.1 μg/I           Picines         0.1 μg/I           Picines         0.1 μg/I           Polycyclic aromatic hydrocarbons (PAHs)         0.1 μg/I           Propazine         0.1 μg/I           Propazine         0.1 μg/I           Propazine         0.1 μg/I           Propazine         0.1 μg/I           Propiconazole         0.1 μg/I           Radioactivity - Gross Alpha         0.1 μg/I           Radioactivity - Tritium         10 μg Se		· -
Nitrite 0.1 mg NO2/l (treatment works) Nitrite 0.5 mg NO2/l (consumers' tap) Organoleptic Odour 3 at 25°C dilution number Organoleptic Taste 3 at 25°C dilution number Oxamyl 0.1 µg/l Parathion-ethyl 0.1 µg/l Pendimethalin 0.1 µg/l Pentachlorophenol 0.1 µg/l Perfluorooctane sulphonate (PFOS) 1 µg/l Perfluorooctanoic acid (PFOA) 10 µg/l Pesticides: Total 0.5 µg/l Pirimephos-methyl 0.1 µg/l Pirimephos-methyl 0.1 µg/l Piropazine 0.1 µg/l Propetamphos 0.1 µg/l Propiconazole 0.1 µg/l Radioactivity - Gross Alpha 0.1 Bq/l Radioactivity - Tritium 100 Bq/l Residual Disinfectant - Free No abnormal change Residual Disinfectant - Total No abnormal change Selenium 200 mg Na/l Sulphate 250 mg SO4/l Terbuthylazine 0.1 µg/l Terbutryn 0.1 µg/l Terbutryn 0.1 µg/l Tertachloroethene/Trichloroethene 10 µg/l Tetrachloroethene/Trichloroethene 10 µg/l Trichorophenoxyacetic acid (2,4,5) 0.1 µg/l Trickapine 0.1 µg/l		<del>_</del>
Nitrite         0.5 mg NO2/1 (consumers' tap)           Organoleptic Odour         3 at 25°C dilution number           Organoleptic Taste         3 at 25°C dilution number           Oxamyl         0.1 μg/l           Parathion-ethyl         0.1 μg/l           Pendimethalin         0.1 μg/l           Pentachlorophenol         0.1 μg/l           Perfluoroctane sulphonate (PFOS)         1 μg/l           Perfluorooctanoic acid (PFOA)         10 μg/l           Perfluorooctanoic acid (PFOA)         10 μg/l           Prioroam         0.1 μg/l           Piciloram         0.1 μg/l           Pirimephos-methyl         0.1 μg/l           Pirimephos-methyl         0.1 μg/l           Pirimicarb         0.1 μg/l           Polycyclic aromatic hydrocarbons (PAHs)         0.1 μg/l           Prometryne         0.1 μg/l           Prometryne         0.1 μg/l           Propazine         0.1 μg/l           Propetamphos         0.1 μg/l           Propetamphos         0.1 μg/l           Propetamphos         0.1 μg/l           Propopazinic         0.1 μg/l           Radioactivity - Gross Alpha         0.1 μg/l           Radioactivity - Tritium         100 gl <tr< td=""><td></td><td></td></tr<>		
Organoleptic Odour Organoleptic Taste Organoleptic Taste Oxamyl O.1 µg/l Parathion-ethyl Pendimethalin O.1 µg/l Pendimethalin O.1 µg/l Pentachlorophenol Onl µg/l Perfluorooctane sulphonate (PFOS) Perfluorooctanoic acid (PFOA) Perfluorooctanoic acid (PFOA) Pesticides: Total O.1 µg/l Pesticides: Total O.5 µg/l Pirimicarb O.1 µg/l Pirimicarb O.1 µg/l Polycyclic aromatic hydrocarbons (PAHs) Propetamphos Propetamphos O.1 µg/l Propetamphos O.1 µg/l Propiconazole O.1 µg/l Propiconazole O.1 µg/l Radioactivity - Gross Alpha Radioactivity - Gross Beta Radioactivity - Tritium Residual Disinfectant - Total No abnormal change Selenium O.1 µg/l Simazine O.1 µg/l Sodium O.1 µg/l Sodium O.1 µg/l Sodium O.1 µg/l Proputable Proputable Propatable O.1 µg/l Propiconazole O.1 µg/l Radioactivity - Tritium On Bq/l Residual Disinfectant - Total No abnormal change Residual Disinfectant - Total No abnormal change Perbuthylazine O.1 µg/l Tebuconazole O.1 µg/l Terbutryn O.1 µg/l Tertachloromethane O.1 µg/l Tertachloromethane O.1 µg/l Tertachloromethane O.1 µg/l Tertachloromethane O.1 µg/l Tricalparic Carbon (TOC) No abnormal change Triadimefon O.1 µg/l Tricalparic Carbon (TOC) No abnormal change Triadimefon O.1 µg/l Tricalparic Carbon (TOC) No abnormal change Triadimefon O.1 µg/l Tricalparic Carbon (TOC) No abnormal change Tricalparic Carbon (TOC) Tricalparic Carbon (TOC) No abnormal change Tricalparic Carbon (TOC) Tricalparic Carbon (TOC) No abnormal change Tricalparic Carbon (TOC) Tricalparic Carbon (TOC) No abnormal change Tricalparic Carbon (TOC) Tricalparic Carbon (TOC) No abnormal change Tricalparic Carbon (TOC) Tricalparic Carbon (TOC) No abnormal change Tricalparic Carbon (TOC) Tricalparic Carbon (TOC) No abnormal change Tricalparic Carbon (TOC) Tricalparic Carbon (TOC) No abnormal change Tricalparic Carbon (TOC) Tricalparic Carbon (TOC) No abnormal change Tricalparic Carbon (TOC) Tricalparic Carbon (T		
Organoleptic Taste         3 at 25°C dilution number           Oxamyl         0.1 μg/l           Parathion-ethyl         0.1 μg/l           Pendimethalin         0.1 μg/l           Perfluorooctane sulphonate (PFOS)         1 μg/l           Perfluorooctanoic acid (PFOA)         10 μg/l           Pesticides: Total         0.5 μg/l           Pictoram         0.1 μg/l           Pirimephos-methyl         0.1 μg/l           Pirimicarb         0.1 μg/l           Polycyclic aromatic hydrocarbons         0.1 μg/l           (PAHs)         0.1 μg/l           Prometryne         0.1 μg/l           Propazine         0.1 μg/l           Propetamphos         0.1 μg/l           Propiconazole         0.1 μg/l           Propiconazole         0.1 μg/l           Radioactivity - Gross Alpha         0.1 Bq/l           Radioactivity - Gross Beta         1 Bq/l           Radioactivity - Tritium         100 Bq/l           Residual Disinfectant - Tree         No abnormal change           Selenium         10 μg Se/l           Simazine         0.1 μg/l           Sodium         200 mg Na/l           Sulphate         250 mg SO4/l           Tebuconazole		
Oxamyl         0.1 μg/l           Parathion-ethyl         0.1 μg/l           Pendimethalin         0.1 μg/l           Perfluorooctane sulphonate (PFOS)         1 μg/l           Perfluorooctanoic acid (PFOA)         10 μg/l           Pesticides: Total         0.5 μg/l           Pictoram         0.1 μg/l           Pirimephos-methyl         0.1 μg/l           Pirimephos-methyl         0.1 μg/l           Pirimicarb         0.1 μg/l           Polycyclic aromatic hydrocarbons (PAHs)         0.1 μg/l           Propetamphos         0.1 μg/l           Radioactivity - Gross Alpha         0.1 μg/l           Radioactivity - Gross Alpha         0.1 μg/l           Residual Disinfectant - Free         No abnormal change           Residual Disinfectant - Total         No abnormal change           Selenium         10 μg se/l           Simazine         0.1 μg/l           Sodium         200 mg Na/l           Sulphate         250 mg SO4/l           Tebu		
Parathion-ethyl         0.1 μg/l           Pendimethalin         0.1 μg/l           Pentachlorophenol         0.1 μg/l           Perfluorooctane sulphonate (PFOS)         1 μg/l           Perfluorooctanoic acid (PFOA)         10 μg/l           Pesticides: Total         0.5 μg/l           Pictoram         0.1 μg/l           Pirimephos-methyl         0.1 μg/l           Pirimephos-methyl         0.1 μg/l           Pirimicarb         0.1 μg/l           Polycyclic aromatic hydrocarbons (PAHs)         0.1 μg/l           Prometryne         0.1 μg/l           Prometryne         0.1 μg/l           Propetamphos         0.1 μg/l           Propetamphos         0.1 μg/l           Propiconazole         0.1 μg/l           Propiconazole         0.1 μg/l           Radioactivity - Gross Alpha         0.1 μg/l           Radioactivity - Gross Alpha         0.1 μg/l           Radioactivity - Tritium         100 Bg/l           Residual Disinfectant - Free         No abnormal change           Residual Disinfectant - Total         No abnormal change           Selenium         10 μg/s Se/l           Simazine         0.1 μg/l           Sodium         200 mg Na/l		
Pendimethalin         0.1 μg/l           Pentachlorophenol         0.1 μg/l           Perfluorocotane sulphonate (PFOS)         1 μg/l           Perfluorocotanoic acid (PFOA)         10 μg/l           Pesticides: Total         0.5 μg/l           Picloram         0.1 μg/l           Picloram         0.1 μg/l           Pirimephos-methyl         0.1 μg/l           Pirimicarb         0.1 μg/l           Polycyclic aromatic hydrocarbons (PAHs)         0.1 μg/l           Prometryne         0.1 μg/l           Propazine         0.1 μg/l           Propazine         0.1 μg/l           Propetamphos         0.1 μg/l           Propiconazole         0.1 μg/l           Propopazine         0.1 μg/l           Propazine         0.1 μg/l           Radioactivity - Gross Alpha         0.1 μg/l           Radioactivity - Gross Alpha         0.1 Bq/l           Residual Disinfectant - Free         No abnormal change           Residual Disinfectant - Total         No abnormal change           Selenium		
Pentachlorophenol         0.1 μg/l           Perfluorooctane sulphonate (PFOS)         1 μg/l           Perfluorooctanoic acid (PFOA)         10 μg/l           Pesticides: Total         0.5 μg/l           Picloram         0.1 μg/l           Pirimephos-methyl         0.1 μg/l           Pirimicarb         0.1 μg/l           Polycyclic aromatic hydrocarbons (PAHs)         0.1 μg/l           Prometryne         0.1 μg/l           Propazine         0.1 μg/l           Propetamphos         0.1 μg/l           Propetamphos         0.1 μg/l           Propyzamide         0.1 μg/l           Radioactivity - Gross Alpha         0.1 μg/l           Radioactivity - Gross Beta         1 8q/l           Radioactivity - Tritium         100 Bq/l           Residual Disinfectant - Free         No abnormal change           Residual Disinfectant - Total         No abnormal change           Selenium         10 μg/s Se/l           Simazine         0.1 μg/l           Sodium         200 mg Na/l           Sulphate         250 mg SO4/l           Tebucnoazole         0.1 μg/l           Terbuthylazine         0.1 μg/l           Tertachloroethene/Trichloroethene         10 μg/l <td>•</td> <td></td>	•	
Perfluorooctane sulphonate (PFOS)       1 μg/l         Perfluorooctanoic acid (PFOA)       10 μg/l         Pesticides: Total       0.5 μg/l         Picioram       0.1 μg/l         Pirimicarb       0.1 μg/l         Polycyclic aromatic hydrocarbons (PAHs)       0.1 μg/l         Prometryne       0.1 μg/l         Propazine       0.1 μg/l         Propetamphos       0.1 μg/l         Propiconazole       0.1 μg/l         Propyzamide       0.1 μg/l         Radioactivity - Gross Alpha       0.1 Bq/l         Radioactivity - Gross Beta       1 Bq/l         Radioactivity - Tritium       100 Bq/l         Residual Disinfectant - Free       No abnormal change         Residual Disinfectant - Total       No abnormal change         Selenium       10 μg/se/l         Simazine       0.1 μg/l         Sodium       200 mg Na/l         Sulphate       250 mg SO4/l         Tebuconazole       0.1 μg/l         Terbutyn       0.1 μg/l         Tetrachloroethene/Trichloroethene       10 μg/l         Tetrachloroethene/Trichloroethene       10 μg/l         Triadimefon       0.1 μg/l         Triadimefon       0.1 μg/l		
Perfluorooctanoic acid (PFOA)         10 μg/l           Pesticides: Total         0.5 μg/l           Picloram         0.1 μg/l           Pirimephos-methyl         0.1 μg/l           Pirimicarb         0.1 μg/l           Polycyclic aromatic hydrocarbons (PAHs)         0.1 μg/l           Prometryne         0.1 μg/l           Propetamphos         0.1 μg/l           Propetamphos         0.1 μg/l           Propiconazole         0.1 μg/l           Propyzamide         0.1 μg/l           Radioactivity - Gross Alpha         0.1 βg/l           Radioactivity - Gross Beta         1 8q/l           Radioactivity - Tritium         100 Bq/l           Residual Disinfectant - Free         No abnormal change           Residual Disinfectant - Total         No abnormal change           Selenium         10 μg Se/l           Simazine         0.1 μg/l           Sodium         250 mg SO4/l           Sulphate         250 mg SO4/l           Tebuconazole         0.1 μg/l           Terbuthylazine         0.1 μg/l           Terbathylazine         0.1 μg/l           Tetrachloroethene/Trichloroethene         10 μg/l           Triallate         0.1 μg/l <t< td=""><td>•</td><td></td></t<>	•	
Pesticides: Total         0.5 μg/l           Picloram         0.1 μg/l           Pirimephos-methyl         0.1 μg/l           Polycyclic aromatic hydrocarbons (PAHs)         0.1 μg/l           Prometryne         0.1 μg/l           Propazine         0.1 μg/l           Propazine         0.1 μg/l           Propetamphos         0.1 μg/l           Propiconazole         0.1 μg/l           Propyzamide         0.1 μg/l           Radioactivity - Gross Alpha         0.1 Bq/l           Radioactivity - Gross Beta         1 Bq/l           Radioactivity - Tritium         100 Bq/l           Residual Disinfectant - Free         No abnormal change           Residual Disinfectant - Total         No abnormal change           Selenium         10 μg Se/l           Simazine         0.1 μg/l           Sodium         200 mg Na/l           Sulphate         250 mg SO4/l           Tebuconazole         0.1 μg/l           Terbuthylazine         0.1 μg/l           Terbathylazine         0.1 μg/l           Tetrachloroethene/Trichloroethene         10 μg/l           Triadimefon         0.1 μg/l           Trialate         0.1 μg/l           Triadomofon	• • • • • • • • • • • • • • • • • • • •	
Picloram 0.1 µg/l  Pirimephos-methyl 0.1 µg/l  Pirimicarb 0.1 µg/l  Polycyclic aromatic hydrocarbons (PAHs)  Prometryne 0.1 µg/l  Propazine 0.1 µg/l  Propetamphos 0.1 µg/l  Proptamphos 0.1 µg/l  Propyzamide 0.1 µg/l  Radioactivity - Gross Alpha 0.1 Bq/l  Radioactivity - Gross Beta 1 Bq/l  Radioactivity - Tritium 100 Bq/l  Residual Disinfectant - Free No abnormal change  Residual Disinfectant - Total No abnormal change  Selenium 10 µg Se/l  Simazine 0.1 µg/l  Sodium 200 mg Na/l  Sulphate 250 mg SO4/l  Tebuconazole 0.1 µg/l  Terbutryn 0.1 µg/l  Tetrachloroethene/Trichloroethene 10 µg/l  Tetrachloromethane 3 µg/l  Tetrachloromethane 0.1 µg/l  Triallate 0.1 µg/l  Trialomefon 0.1 µg/l  Triclopyr 0.1 µg/l  Triclopyr 0.1 µg/l  Trietazine 0.1 µg/l  Triclopyr 0.1 µg/l  Triclopyr 0.1 µg/l  Triclopyr 0.1 µg/l  Triclopity 0.1 µg/l		
Pirimephos-methyl         0.1 μg/l           Pirimicarb         0.1 μg/l           Polycyclic aromatic hydrocarbons (PAHs)         0.1 μg/l           Prometryne         0.1 μg/l           Propazine         0.1 μg/l           Propetamphos         0.1 μg/l           Propetamphos         0.1 μg/l           Propiconazole         0.1 μg/l           Propyzamide         0.1 μg/l           Radioactivity - Gross Alpha         0.1 βq/l           Radioactivity - Gross Beta         1 Bq/l           Radioactivity - Tritium         100 Bq/l           Residual Disinfectant - Free         No abnormal change           Residual Disinfectant - Total         No abnormal change           Selenium         10 μg Se/l           Simazine         0.1 μg/l           Sodium         200 mg Na/l           Sulphate         250 mg SO4/l           Tebuconazole         0.1 μg/l           Terbuthylazine         0.1 μg/l           Tetrachloroethene/Trichloroethene         10 μg/l           Tetrachloromethane         3 μg/l           Total Organic Carbon (TOC)         No abnormal change           Trialiate         0.1 μg/l           Trialorophos         0.1 μg/l	Pesticides: Total	
Pirimicarb       0.1 μg/l         Polycyclic aromatic hydrocarbons (PAHs)       0.1 μg/l         Prometryne       0.1 μg/l         Propazine       0.1 μg/l         Propetamphos       0.1 μg/l         Propiconazole       0.1 μg/l         Propiconazole       0.1 μg/l         Propiconazole       0.1 μg/l         Radioactivity - Gross Alpha       0.1 Bq/l         Radioactivity - Gross Beta       1 Bq/l         Radioactivity - Tritium       100 Bq/l         Residual Disinfectant - Free       No abnormal change         Residual Disinfectant - Total       No abnormal change         Selenium       10 μg Se/l         Simazine       0.1 μg/l         Sodium       200 mg Na/l         Sulphate       250 mg SO4/l         Tebuconazole       0.1 μg/l         Terbuthylazine       0.1 μg/l         Terbuthylazine       0.1 μg/l         Tetrachloroethene/Trichloroethene       10 μg/l         Tetrachloromethane       3 μg/l         Total Organic Carbon (TOC)       No abnormal change         Trialiate       0.1 μg/l         Trialophos       0.1 μg/l         Trichloroacetic acid       0.1 μg/l         Trichoro	Picloram	
Polycyclic aromatic hydrocarbons (PAHs)       0.1 μg/l         Prometryne       0.1 μg/l         Propazine       0.1 μg/l         Propetamphos       0.1 μg/l         Propiconazole       0.1 μg/l         Propyzamide       0.1 μg/l         Radioactivity - Gross Alpha       0.1 Bq/l         Radioactivity - Tritium       100 Bq/l         Residual Disinfectant - Free       No abnormal change         Residual Disinfectant - Total       No abnormal change         Selenium       10 μg Se/l         Simazine       0.1 μg/l         Sodium       200 mg Na/l         Sulphate       250 mg SO4/l         Tebuconazole       0.1 μg/l         Terbuthylazine       0.1 μg/l         Tetrachloroethene/Trichloroethene       10 μg/l         Tetrachloromethane       3 μg/l         Total Organic Carbon (TOC)       No abnormal change         Triadimefon       0.1 μg/l         Trialate       0.1 μg/l         Trialophos       0.1 μg/l         Trichloroacetic acid       0.1 μg/l         Trichorophenoxyacetic acid (2,4,5)       0.1 μg/l         Trietazine       0.1 μg/l         Trihalomethanes (THMs)       100 μg/l	Pirimephos-methyl	
Prometryne   0.1 μg/l		0.1 μg/l
Propazine 0.1 µg/l Propetamphos 0.1 µg/l Propiconazole 0.1 µg/l Propiconazole 0.1 µg/l Radioactivity - Gross Alpha 0.1 Bq/l Radioactivity - Gross Beta 1 Bq/l Radioactivity - Tritium 100 Bq/l Residual Disinfectant - Free No abnormal change Residual Disinfectant - Total No abnormal change Residual Disinfectant - Total No abnormal change Selenium 10 µg Se/l Simazine 0.1 µg/l Sodium 200 mg Na/l Sulphate 250 mg SO4/l Tebuconazole 0.1 µg/l Terbuthylazine 0.1 µg/l Terbutryn 0.1 µg/l Tetrachloroethene/Trichloroethene 10 µg/l Tetrachloromethane 3 µg/l Total Organic Carbon (TOC) No abnormal change Triadimefon 0.1 µg/l Trialate 0.1 µg/l Trialophos 0.1 µg/l Trichloroacetic acid 0.1 µg/l Trichorophenoxyacetic acid (2,4,5) 0.1 µg/l Trictazine 0.1 µg/l Trietazine 0.1 µg/l Trietazine 100 µg/l Trihalomethanes (THMs) 100 µg/l Tribilotity 1 NTU (treatment works)		0.1 μg/l
Propetamphos 0.1 µg/l Propiconazole 0.1 µg/l Propyzamide 0.1 µg/l Radioactivity - Gross Alpha 0.1 Bq/l Radioactivity - Gross Beta 1 Bq/l Radioactivity - Tritium 100 Bq/l Residual Disinfectant - Free No abnormal change Residual Disinfectant - Total No abnormal change Selenium 10 µg Se/l Simazine 0.1 µg/l Sodium 200 mg Na/l Sulphate 250 mg SO4/l Tebuconazole 0.1 µg/l Terbuthylazine 0.1 µg/l Terbutryn 0.1 µg/l Tetrachloroethene/Trichloroethene 10 µg/l Tetrachloromethane 3 µg/l Total Organic Carbon (TOC) No abnormal change Triadimefon 0.1 µg/l Trialate 0.1 µg/l Trichloroacetic acid 0.1 µg/l Trichorophenoxyacetic acid (2,4,5) 0.1 µg/l Trictazine 0.1 µg/l Trietazine 0.1 µg/l Trietazine 100 µg/l Trietazine 100 µg/l Trietatment works)	Prometryne	0.1 μg/l
Propiconazole       0.1 μg/l         Propyzamide       0.1 μg/l         Radioactivity - Gross Alpha       0.1 Bq/l         Radioactivity - Gross Beta       1 Bq/l         Radioactivity - Tritium       100 Bq/l         Residual Disinfectant - Free       No abnormal change         Residual Disinfectant - Total       No abnormal change         Selenium       10 μg Se/l         Simazine       0.1 μg/l         Sodium       200 mg Na/l         Sulphate       250 mg SO4/l         Tebuconazole       0.1 μg/l         Terbutylazine       0.1 μg/l         Terbutyn       0.1 μg/l         Tetrachloroethene/Trichloroethene       10 μg/l         Tetrachloromethane       3 μg/l         Total Organic Carbon (TOC)       No abnormal change         Triadimefon       0.1 μg/l         Triallate       0.1 μg/l         Triacophos       0.1 μg/l         Trichloroacetic acid       0.1 μg/l         Trichorophenoxyacetic acid (2,4,5)       0.1 μg/l         Trietazine       0.1 μg/l         Trihalomethanes (THMs)       100 μg/l         Turbidity       1 NTU (treatment works)	Propazine	0.1 μg/l
Propyzamide       0.1 μg/l         Radioactivity - Gross Alpha       0.1 Bq/l         Radioactivity - Gross Beta       1 Bq/l         Radioactivity - Tritium       100 Bq/l         Residual Disinfectant - Free       No abnormal change         Residual Disinfectant - Total       No abnormal change         Selenium       10 μg Se/l         Simazine       0.1 μg/l         Sodium       200 mg Na/l         Sulphate       250 mg SO4/l         Tebuconazole       0.1 μg/l         Terbutylazine       0.1 μg/l         Terbutryn       0.1 μg/l         Tetrachloroethene/Trichloroethene       10 μg/l         Tetrachloromethane       3 μg/l         Total Organic Carbon (TOC)       No abnormal change         Triadimefon       0.1 μg/l         Triallate       0.1 μg/l         Triacrophos       0.1 μg/l         Trichloroacetic acid       0.1 μg/l         Trichorophenoxyacetic acid (2,4,5)       0.1 μg/l         Trietazine       0.1 μg/l         Trietazine       0.1 μg/l         Trihalomethanes (THMs)       100 μg/l         Turbidity       1 NTU (treatment works)	Propetamphos	0.1 μg/l
Radioactivity - Gross Alpha Radioactivity - Gross Beta Radioactivity - Tritium Residual Disinfectant - Free Residual Disinfectant - Total Residual Disinfectant - Free Residual Disinfectant - Free No abnormal change Selenium 10 µg/l Sodium 200 mg Na/l Sulphate 250 mg SO4/l Tebuconazole 0.1 µg/l Terbuthylazine 0.1 µg/l Terbuthylazine Total Urganic Carbon (TOC) Roabnormal Change Triadimefon 0.1 µg/l Triallate 0.1 µg/l Triazophos 0.1 µg/l Triazophos 0.1 µg/l Tricloprophenoxyacetic acid (2,4,5) Triclopyr 0.1 µg/l Trictazine 0.1 µg/l Trietazine Trihalomethanes (THMs) 100 µg/l Turbidity	Propiconazole	0.1 μg/l
Radioactivity - Gross Beta       1 Bq/I         Radioactivity - Tritium       100 Bq/I         Residual Disinfectant - Free       No abnormal change         Residual Disinfectant - Total       No abnormal change         Selenium       10 μg Se/I         Simazine       0.1 μg/I         Sodium       200 mg Na/I         Sulphate       250 mg SO4/I         Tebuconazole       0.1 μg/I         Terbuthylazine       0.1 μg/I         Terbutryn       0.1 μg/I         Tetrachloroethene/Trichloroethene       10 μg/I         Tetrachloromethane       3 μg/I         Total Organic Carbon (TOC)       No abnormal change         Triadimefon       0.1 μg/I         Triallate       0.1 μg/I         Triazophos       0.1 μg/I         Trichloroacetic acid       0.1 μg/I         Trichorophenoxyacetic acid (2,4,5)       0.1 μg/I         Trictopyr       0.1 μg/I         Trietazine       0.1 μg/I         Trihalomethanes (THMs)       100 μg/I         Turbidity       1 NTU (treatment works)	Propyzamide	0.1 μg/l
Radioactivity - Tritium       100 Bq/l         Residual Disinfectant - Free       No abnormal change         Residual Disinfectant - Total       No abnormal change         Selenium       10 μg Se/l         Simazine       0.1 μg/l         Sodium       200 mg Na/l         Sulphate       250 mg SO4/l         Tebuconazole       0.1 μg/l         Terbuthylazine       0.1 μg/l         Terbutryn       0.1 μg/l         Tetrachloroethene/Trichloroethene       10 μg/l         Tetrachloromethane       3 μg/l         Total Organic Carbon (TOC)       No abnormal change         Triadimefon       0.1 μg/l         Triallate       0.1 μg/l         Triallophos       0.1 μg/l         Trichorophenoxyacetic acid       0.1 μg/l         Triclopyr       0.1 μg/l         Trietazine       0.1 μg/l         Trihalomethanes (THMs)       100 μg/l         Turbidity       1 NTU (treatment works)	Radioactivity - Gross Alpha	0.1 Bq/l
Residual Disinfectant - Free No abnormal change Residual Disinfectant - Total No abnormal change Selenium 10 µg Se/l Simazine 0.1 µg/l Sodium 200 mg Na/l Sulphate 250 mg SO4/l Tebuconazole 0.1 µg/l Terbuthylazine 0.1 µg/l Terbutryn 0.1 µg/l Tetrachloroethene/Trichloroethene 10 µg/l Tetrachloromethane 3 µg/l Total Organic Carbon (TOC) No abnormal change Triadimefon 0.1 µg/l Triallate 0.1 µg/l Triazophos 0.1 µg/l Trichloroacetic acid 0.1 µg/l Trichorophenoxyacetic acid (2,4,5) 0.1 µg/l Trictazine 0.1 µg/l Trietazine 0.1 µg/l Trihalomethanes (THMs) 100 µg/l Turbidity 1 NTU (treatment works)	Radioactivity - Gross Beta	1 Bq/l
Residual Disinfectant - Total  No abnormal change  Selenium  10 µg Se/l  Simazine  0.1 µg/l  Sodium  200 mg Na/l  Sulphate  250 mg SO4/l  Tebuconazole  0.1 µg/l  Terbuthylazine  Terbutryn  0.1 µg/l  Tetrachloroethene/Trichloroethene  10 µg/l  Tetrachloromethane  3 µg/l  Total Organic Carbon (TOC)  No abnormal change  Triadimefon  0.1 µg/l  Triallate  0.1 µg/l  Triallate  0.1 µg/l  Trichloroacetic acid  0.1 µg/l  Trichorophenoxyacetic acid (2,4,5)  Triclopyr  Trietazine  Trihalomethanes (THMs)  Turbidity  No abnormal change  0.1 µg/l  0.1 µg/l  Triceatment works)	Radioactivity - Tritium	100 Bq/l
Selenium10 μg Se/lSimazine0.1 μg/lSodium200 mg Na/lSulphate250 mg SO4/lTebuconazole0.1 μg/lTerbuthylazine0.1 μg/lTerbutryn0.1 μg/lTetrachloroethene/Trichloroethene10 μg/lTetrachloromethane3 μg/lTotal Organic Carbon (TOC)No abnormal changeTriadimefon0.1 μg/lTriallate0.1 μg/lTriazophos0.1 μg/lTrichloroacetic acid0.1 μg/lTrichorophenoxyacetic acid (2,4,5)0.1 μg/lTriclopyr0.1 μg/lTrietazine0.1 μg/lTrihalomethanes (THMs)100 μg/lTurbidity1 NTU (treatment works)	Residual Disinfectant - Free	No abnormal change
Simazine       0.1 μg/l         Sodium       200 mg Na/l         Sulphate       250 mg SO4/l         Tebuconazole       0.1 μg/l         Terbuthylazine       0.1 μg/l         Terbutryn       0.1 μg/l         Tetrachloroethene/Trichloroethene       10 μg/l         Tetrachloromethane       3 μg/l         Total Organic Carbon (TOC)       No abnormal change         Triadimefon       0.1 μg/l         Triallate       0.1 μg/l         Triazophos       0.1 μg/l         Trichloroacetic acid       0.1 μg/l         Trichorophenoxyacetic acid (2,4,5)       0.1 μg/l         Triclopyr       0.1 μg/l         Trietazine       0.1 μg/l         Trihalomethanes (THMs)       100 μg/l         Turbidity       1 NTU (treatment works)	Residual Disinfectant - Total	No abnormal change
Sodium200 mg Na/lSulphate250 mg SO4/lTebuconazole0.1 μg/lTerbuthylazine0.1 μg/lTerbutryn0.1 μg/lTetrachloroethene/Trichloroethene10 μg/lTetrachloromethane3 μg/lTotal Organic Carbon (TOC)No abnormal changeTriadimefon0.1 μg/lTriazophos0.1 μg/lTrichloroacetic acid0.1 μg/lTrichorophenoxyacetic acid (2,4,5)0.1 μg/lTriclopyr0.1 μg/lTrietazine0.1 μg/lTrihalomethanes (THMs)100 μg/lTurbidity1 NTU (treatment works)	Selenium	10 μg Se/l
Sulphate250 mg SO4/ITebuconazole0.1 μg/ITerbuthylazine0.1 μg/ITerbutryn0.1 μg/ITetrachloroethene/Trichloroethene10 μg/ITetrachloromethane3 μg/ITotal Organic Carbon (TOC)No abnormal changeTriadimefon0.1 μg/ITriallate0.1 μg/ITriazophos0.1 μg/ITrichloroacetic acid0.1 μg/ITrichorophenoxyacetic acid (2,4,5)0.1 μg/ITriclopyr0.1 μg/ITrietazine0.1 μg/ITrihalomethanes (THMs)100 μg/ITurbidity1 NTU (treatment works)	Simazine	0.1 μg/l
Tebuconazole  Terbuthylazine  O.1 μg/l  Terbutryn  O.1 μg/l  Tetrachloroethene/Trichloroethene  10 μg/l  Tetrachloromethane  3 μg/l  Total Organic Carbon (TOC)  No abnormal change  Triadimefon  O.1 μg/l  Triazophos  Trichloroacetic acid  O.1 μg/l  Trichorophenoxyacetic acid (2,4,5)  Triclopyr  Trietazine  O.1 μg/l  Trietazine  Trihalomethanes (THMs)  TNTU (treatment works)	Sodium	200 mg Na/l
Terbutryn  Terbutryn  Tetrachloroethene/Trichloroethene  10 μg/l  Tetrachloromethane  3 μg/l  Total Organic Carbon (TOC)  No abnormal change  Triadimefon  0.1 μg/l  Triazophos  Trichloroacetic acid  Trichorophenoxyacetic acid (2,4,5)  Triclopyr  Trietazine  Trihalomethanes (THMs)  10.1 μg/l  10.1 μg/l  100 μg/l  100 μg/l  Tructreatment works)	Sulphate	250 mg SO4/I
Terbutryn Tetrachloroethene/Trichloroethene 10 μg/l  Tetrachloromethane 3 μg/l  Total Organic Carbon (TOC) No abnormal change  Triadimefon 0.1 μg/l  Triallate 0.1 μg/l  Triazophos 0.1 μg/l  Trichloroacetic acid 0.1 μg/l  Trichorophenoxyacetic acid (2,4,5) Triclopyr 0.1 μg/l  Trietazine 0.1 μg/l  Trietazine 100 μg/l  Trihalomethanes (THMs) 100 μg/l  Turbidity 1 NTU (treatment works)	Tebuconazole	0.1 μg/l
Terbutryn Tetrachloroethene/Trichloroethene 10 μg/l  Tetrachloromethane 3 μg/l  Total Organic Carbon (TOC) No abnormal change  Triadimefon 0.1 μg/l  Triallate 0.1 μg/l  Triazophos 0.1 μg/l  Trichloroacetic acid 0.1 μg/l  Trichorophenoxyacetic acid (2,4,5) Triclopyr 0.1 μg/l  Trietazine 0.1 μg/l  Trihalomethanes (THMs) 100 μg/l  TNTU (treatment works)	Terbuthylazine	0.1 μg/l
Tetrachloroethene/Trichloroethene 10 μg/l  Tetrachloromethane 3 μg/l  Total Organic Carbon (TOC) No abnormal change  Triadimefon 0.1 μg/l  Triallate 0.1 μg/l  Triazophos 0.1 μg/l  Trichloroacetic acid 0.1 μg/l  Trichorophenoxyacetic acid (2,4,5) 0.1 μg/l  Triclopyr 0.1 μg/l  Trietazine 0.1 μg/l  Trihalomethanes (THMs) 100 μg/l  Turbidity 1 NTU (treatment works)	•	
Total Organic Carbon (TOC)  No abnormal change  Triadimefon  0.1 μg/l  Triallate  0.1 μg/l  Triazophos  0.1 μg/l  Trichloroacetic acid  0.1 μg/l  Trichorophenoxyacetic acid (2,4,5)  Triclopyr  0.1 μg/l  Trietazine  0.1 μg/l  Trihalomethanes (THMs)  100 μg/l  Turbidity  No abnormal change  0.1 μg/l  1 μg/l  1 NTU (treatment works)		10 μg/l
Total Organic Carbon (TOC)  No abnormal change  Triadimefon  0.1 μg/l  Triallate  0.1 μg/l  Triazophos  0.1 μg/l  Trichloroacetic acid  0.1 μg/l  Trichorophenoxyacetic acid (2,4,5)  Triclopyr  0.1 μg/l  Trietazine  0.1 μg/l  Trihalomethanes (THMs)  100 μg/l  Turbidity  No abnormal change  0.1 μg/l  1 μg/l  1 NTU (treatment works)		
Triadimefon 0.1 μg/l  Triallate 0.1 μg/l  Triazophos 0.1 μg/l  Trichloroacetic acid 0.1 μg/l  Trichorophenoxyacetic acid (2,4,5) 0.1 μg/l  Triclopyr 0.1 μg/l  Trietazine 0.1 μg/l  Trihalomethanes (THMs) 100 μg/l  Turbidity 1 NTU (treatment works)	Total Organic Carbon (TOC)	
Triallate 0.1 μg/l  Triazophos 0.1 μg/l  Trichloroacetic acid 0.1 μg/l  Trichorophenoxyacetic acid (2,4,5) 0.1 μg/l  Triclopyr 0.1 μg/l  Trietazine 0.1 μg/l  Trihalomethanes (THMs) 100 μg/l  Turbidity 1 NTU (treatment works)		_
Triazophos  O.1 μg/l  Trichloroacetic acid  O.1 μg/l  Trichorophenoxyacetic acid (2,4,5)  Triclopyr  O.1 μg/l  Trietazine  O.1 μg/l  Trihalomethanes (THMs)  Turbidity  O.1 μg/l  TNTU (treatment works)		
Trichloroacetic acid  Trichorophenoxyacetic acid (2,4,5)  Triclopyr  Trietazine  Trihalomethanes (THMs)  Turbidity  0.1 μg/l  100 μg/l  1 NTU (treatment works)		
$ \begin{array}{lll} \mbox{Trichorophenoxyacetic acid (2,4,5)} & 0.1 \ \mbox{µg/l} \\ \mbox{Triclopyr} & 0.1 \ \mbox{µg/l} \\ \mbox{Trietazine} & 0.1 \ \mbox{µg/l} \\ \mbox{Trihalomethanes (THMs)} & 100 \ \mbox{µg/l} \\ \mbox{Turbidity} & 1 \ \mbox{NTU (treatment works)} \\ \end{array} $	•	
$ \begin{array}{ccc} Triclopyr & 0.1 \ \mu g/l \\ Trietazine & 0.1 \ \mu g/l \\ Trihalomethanes (THMs) & 100 \ \mu g/l \\ Turbidity & 1 \ NTU \ (treatment \ works) \\ \end{array} $		
Trihalomethanes (THMs) 100 μg/l Turbidity 1 NTU (treatment works)	•	
Turbidity 1 NTU (treatment works)		
·		
	Turbidity	