

NOTE: "Sig" is significance, with "Yes" meaning detectable and "No" meaning less than the analytical method detection limit. If the uncertainty (standard deviation) is large, the significance may also be set to "No".

Data Table 5-13: Radioactivity in Drinking Water

Summary Statistic Section

2014 Radioactivity in Drinking Water : Units are pCi/L

Treatment Plants - Finished Water Summary

Locations	Number of Samples	Nuclides		Tritium				Co-60				Cs-137				Gross Beta				Gross Alpha											
		Mean		Minimum		Maximum		Mean		Minimum		Maximum		Mean		Minimum		Maximum		Mean		Minimum		Maximum							
		Conc.	Std.	Conc.	Std.	Conc.	Std.	Conc.	Std.	Conc.	Std.	Conc.	Std.	Conc.	Std.	Conc.	Std.	Conc.	Std.	Conc.	Std.	Conc.	Std.	Conc.	Std.						
BJWSA Chelsea WTP	12	2.63E+02	1.49E+01	1.04E+02	4.28E+01	5.59E+02	5.66E+01	3.10E-01	5.73E-01	-1.91E+00	2.05E+00	4.65E+00	2.08E+00	9.49E-01	5.94E-01	-4.05E+00	2.04E+00	3.95E+00	2.18E+00	2.02E+00	7.49E-02	1.33E+00	3.43E-01	2.38E+00	2.21E-01	7.26E-02	2.97E-02	-1.05E-01	6.20E-02	2.17E-01	1.21E-01
N. Augusta Public Water Works	12	1.02E+02	1.80E+01	4.24E+01	5.16E+01	1.97E+02	7.87E+01	4.10E-01	5.94E-01	-3.59E+00	2.24E+00	4.65E+00	1.99E+00	-4.63E-01	6.24E-01	-3.43E+00	1.93E+00	2.53E+00	2.24E+00	2.20E+00	8.81E-02	1.70E+00	2.04E-01	2.76E+00	2.30E-01	1.04E-01	3.14E-02	-1.07E-01	4.42E-02	4.43E-01	6.31E-02

Onsite Location Summary

Location	Number of Samples	Nuclides		Tritium				Co-60				Cs-137				Gross Beta				Gross Alpha											
		Mean		Minimum		Maximum		Mean		Minimum		Maximum		Mean		Minimum		Maximum		Mean		Minimum		Maximum							
		Conc.	Std.	Conc.	Std.	Conc.	Std.	Conc.	Std.	Conc.	Std.	Conc.	Std.	Conc.	Std.	Conc.	Std.	Conc.	Std.	Conc.	Std.	Conc.	Std.	Conc.	Std.						
617-G	1	-9.65E+00	4.80E+01					-1.97E+00	2.03E+00					-9.14E-01	2.08E+00					7.16E-01	2.96E-01					4.00E-03	1.22E-01				
681-3G Dom. Water Faucet	1	-1.13E+01	4.80E+01					1.00E+00	1.91E+00					1.04E+00	2.10E+00					1.75E+00	3.90E-01					1.04E+00	3.16E-01				
704-16G	1	-8.00E+00	4.77E+01					1.17E+00	2.15E+00					-2.16E+00	2.13E+00					5.95E-01	3.25E-01					1.79E+00	4.38E-01				
709-1G	1	-1.95E+01	4.83E+01					-5.73E-01	1.83E+00					-1.32E-01	2.18E+00					1.07E+00	3.32E-01					1.42E-01	2.15E-01				
737-G	1	-2.59E+01	4.81E+01					-3.24E+00	1.78E+00					-9.78E-01	1.92E+00					2.00E+00	3.90E-01					1.96E-03	1.34E-01				
782-3A quarterly	4	-2.85E+01	3.77E+01	-1.26E+02	1.23E+02	3.32E+01	5.50E+01	-5.45E-01	1.09E+00	-1.81E+00	1.98E+00	2.02E+00	2.09E+00	1.49E+00	1.14E+00	3.46E-02	2.27E+00	3.51E+00	2.00E+00	8.53E-01	1.34E-01	4.00E-01	3.02E-01	1.35E+00	3.76E-01	1.08E+00	1.75E-01	5.14E-01	1.53E-01	1.95E+00	4.97E-01
782-3A annual	1	-3.22E+01	4.77E+01					-2.06E+00	1.87E+00					1.18E+00	2.24E+00					3.22E-01	2.80E-01					3.08E-01	2.42E-01				
905-112G Well	1	-3.24E+00	3.94E+01					-3.22E+00	2.53E+00					-1.32E+00	2.19E+00					8.16E-01	3.17E-01					6.51E-01	2.49E-01				
905-113G Well	1	4.43E+01	4.05E+01					4.08E+00	2.01E+00					1.14E+00	2.44E+00					6.08E-01	3.05E-01					7.38E-01	2.64E-01				
905-125B	1	2.61E+01	4.02E+01					-3.22E+00	2.04E+00					6.14E+00	2.49E+00					1.55E+00	3.87E-01					1.49E+00	3.75E-01				
905-67B	1	5.62E+01	4.10E+01					-8.05E-01	2.11E+00					-1.87E+00	2.15E+00					5.43E-01	2.99E-01					7.27E-01	2.78E-01				

Onsite Location Summary - Continued

		Nuclides		Sr-89/90		U-234		U-235		U-238		Pu-238		Pu-239		Am-241		Cm-244	
Location		Number of Samples	Conc.	Std.	Conc.	Std.	Conc.	Std.	Conc.	Std.	Conc.	Std.	Conc.	Std.	Conc.	Std.	Conc.	Std.	
617-G		1	-2.70E-01	1.69E-01	3.92E-03	3.21E-03	6.92E-04	1.61E+00	5.59E-04	1.61E+00	5.86E-04	2.19E-03	2.38E-03	2.80E-03	1.74E-02	5.85E-03	0.00E+00	1.76E+00	
681-3G Dom. Water Faucet		1	-8.51E-02	1.86E-01	-7.38E-06	4.72E-04	2.16E-03	1.61E+00	0.00E+00	1.61E+00	5.38E-04	2.01E-03	1.63E-03	1.64E-03	5.86E-04	2.33E-03	0.00E+00	1.66E+00	
704-16G		1	1.05E-02	1.98E-01	7.11E-03	3.94E-03	4.05E-03	2.87E-03	4.92E-03	2.85E-03	7.97E-03	3.71E-03	2.12E-03	2.50E-03	8.65E-03	4.09E-03	0.00E+00	1.85E+00	
709-1G		1	1.06E-02	2.01E-01	5.70E-03	3.72E-03	2.12E-03	1.61E+00	5.14E-03	2.99E-03	5.03E-03	3.01E-03	1.68E-03	1.69E-03	7.70E-03	4.08E-03	0.00E+00	1.93E+00	
737-G		1	9.95E-02	2.06E-01	2.54E-03	3.06E-03	2.35E-03	1.70E+00	-1.27E-03	1.28E-03	-6.00E-06	4.15E-04	0.00E+00	1.44E+00	6.38E-03	3.43E-03	0.00E+00	1.64E+00	
782-3A		4																	
782-3A		1	1.77E-01	2.12E-01	2.45E-02	6.89E-03	2.16E-03	1.57E+00	4.08E-02	9.04E-03	2.76E-03	3.33E-03	0.00E+00	1.52E+00	5.54E-03	3.70E-03	3.27E-03	2.33E-03	
905-112G Well		1	1.59E-01	2.13E-01	2.49E-02	7.01E-03	2.19E-03	1.58E+00	2.89E-02	7.66E-03	3.41E-03	2.49E-03	1.70E-03	1.71E-03	5.92E-03	3.64E-03	0.00E+00	1.92E+00	
905-113G Well		1	1.66E-01	1.83E-01	2.24E-02	6.97E-03	2.24E-03	1.57E+00	4.05E-02	9.21E-03	3.59E-03	2.65E-03	6.03E-04	1.70E+00	3.97E-03	3.35E-03	0.00E+00	1.82E+00	
905-125B		1	1.89E-01	2.08E-01	6.59E-02	1.17E-02	2.04E-03	1.53E+00	7.57E-02	1.23E-02	-1.14E-03	1.19E-03	3.41E-03	2.43E-03	3.35E-03	2.59E-03	0.00E+00	1.69E+00	
905-67B		1	1.89E-01	2.09E-01	9.54E-03	4.68E-03	2.95E-03	3.46E-03	1.79E-02	5.77E-03	3.43E-03	2.53E-03	3.43E-03	2.45E-03	9.24E-03	4.63E-03	0.00E+00	1.79E+00	

No quarterly samples are collected. Samples collected annually.

Result was reported as detected.

NOTE: "Sig" is significance, with "Yes" meaning detectable and "No" meaning less than the analytical method detection limit. If the uncertainty (standard deviation) is large, the significance may also be set to "No".

Data Table 5-13: Radioactivity in Drinking Water

Sample Measurement Section

2014 Radioactivity in Drinking Water : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
Onsite					
617-G	H-3	8-Jan-14	-9.65E+00	4.80E+01	No
681-3G Dom. Water Faucet	H-3	8-Jan-14	-1.13E+01	4.80E+01	No
704-16G	H-3	8-Jan-14	-8.00E+00	4.77E+01	No
709-1G	H-3	8-Jan-14	-1.95E+01	4.83E+01	No
737-G	H-3	8-Jan-14	-2.59E+01	4.81E+01	No
782-3A	H-3	8-Jan-14	1.45E+01	4.84E+01	No
782-3A	H-3	8-Jan-14	-3.22E+01	4.77E+01	No
782-3A	H-3	21-Apr-14	3.32E+01	5.50E+01	No
782-3A	H-3	14-Jul-14	-3.59E+01	4.71E+01	No
782-3A	H-3	21-Oct-14	-1.26E+02	1.23E+02	No
905-112G Well	H-3	14-Jan-14	-3.24E+00	3.94E+01	No
905-113G Well	H-3	14-Jan-14	4.43E+01	4.05E+01	No
905-125B	H-3	14-Jan-14	2.61E+01	4.02E+01	No
905-67B	H-3	14-Jan-14	5.62E+01	4.10E+01	No
Treatment Plants - Finished					
BJWSA Chelsea WTP	H-3	31-Jan-14	1.37E+02	5.66E+01	No
BJWSA Chelsea WTP	H-3	28-Feb-14	2.06E+02	5.65E+01	Yes
BJWSA Chelsea WTP	H-3	31-Mar-14	2.42E+02	5.71E+01	Yes
BJWSA Chelsea WTP	H-3	30-Apr-14	1.47E+02	4.56E+01	Yes
BJWSA Chelsea WTP	H-3	31-May-14	2.57E+02	5.10E+01	Yes
BJWSA Chelsea WTP	H-3	30-Jun-14	1.62E+02	5.03E+01	Yes
BJWSA Chelsea WTP	H-3	31-Jul-14	1.04E+02	4.28E+01	No
BJWSA Chelsea WTP	H-3	31-Aug-14	2.81E+02	4.60E+01	Yes
BJWSA Chelsea WTP	H-3	30-Sep-14	3.92E+02	4.75E+01	Yes
BJWSA Chelsea WTP	H-3	31-Oct-14	5.59E+02	5.66E+01	Yes
BJWSA Chelsea WTP	H-3	30-Nov-14	4.00E+02	5.47E+01	Yes
BJWSA Chelsea WTP	H-3	31-Dec-14	2.70E+02	5.32E+01	Yes
N. Augusta Public Water Works	H-3	31-Jan-14	4.24E+01	5.16E+01	No
N. Augusta Public Water Works	H-3	28-Feb-14	5.59E+01	5.06E+01	No
N. Augusta Public Water Works	H-3	31-Mar-14	1.39E+02	5.13E+01	Yes
N. Augusta Public Water Works	H-3	30-Apr-14	1.11E+02	1.26E+02	No
N. Augusta Public Water Works	H-3	30-May-14	1.97E+02	7.87E+01	No
N. Augusta Public Water Works	H-3	30-Jun-14	9.68E+01	4.87E+01	No
N. Augusta Public Water Works	H-3	31-Jul-14	4.78E+01	4.83E+01	No
N. Augusta Public Water Works	H-3	31-Aug-14	9.19E+01	4.87E+01	No
N. Augusta Public Water Works	H-3	30-Sep-14	1.12E+02	4.36E+01	No
N. Augusta Public Water Works	H-3	31-Oct-14	1.38E+02	5.15E+01	Yes
N. Augusta Public Water Works	H-3	30-Nov-14	1.14E+02	5.12E+01	No
N. Augusta Public Water Works	H-3	30-Dec-14	7.51E+01	5.08E+01	No

2014 Radioactivity in Drinking Water : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
Onsite					
617-G	Co-60	8-Jan-14	-1.97E+00	2.03E+00	No
681-3G Dom. Water Faucet	Co-60	8-Jan-14	1.00E+00	1.91E+00	No
704-16G	Co-60	8-Jan-14	1.17E+00	2.15E+00	No
709-1G	Co-60	8-Jan-14	-5.73E-01	1.83E+00	No
737-G	Co-60	8-Jan-14	-3.24E+00	1.78E+00	No
782-3A	Co-60	8-Jan-14	-1.81E+00	1.98E+00	No
782-3A	Co-60	8-Jan-14	-2.06E+00	1.87E+00	No
782-3A	Co-60	21-Apr-14	2.02E+00	2.09E+00	No
782-3A	Co-60	14-Jul-14	-1.21E+00	2.58E+00	No
782-3A	Co-60	21-Oct-14	-1.18E+00	2.04E+00	No
905-112G Well	Co-60	14-Jan-14	-3.22E+00	2.53E+00	No
905-113G Well	Co-60	14-Jan-14	4.08E+00	2.01E+00	No
905-125B	Co-60	14-Jan-14	-3.22E+00	2.04E+00	No
905-67B	Co-60	14-Jan-14	-8.05E-01	2.11E+00	No
Treatment Plants - Finished					
BJWSA Chelsea WTP	Co-60	31-Jan-14	1.14E-01	1.77E+00	No
BJWSA Chelsea WTP	Co-60	28-Feb-14	7.84E-01	2.06E+00	No
BJWSA Chelsea WTP	Co-60	31-Mar-14	6.73E-01	1.97E+00	No
BJWSA Chelsea WTP	Co-60	30-Apr-14	-8.59E-01	1.96E+00	No
BJWSA Chelsea WTP	Co-60	31-May-14	-3.78E-01	1.91E+00	No
BJWSA Chelsea WTP	Co-60	30-Jun-14	-8.70E-01	1.91E+00	No
BJWSA Chelsea WTP	Co-60	31-Jul-14	2.86E-01	2.01E+00	No
BJWSA Chelsea WTP	Co-60	31-Aug-14	-1.73E+00	2.10E+00	No
BJWSA Chelsea WTP	Co-60	30-Sep-14	3.81E-01	2.00E+00	No
BJWSA Chelsea WTP	Co-60	31-Oct-14	-1.91E+00	2.05E+00	No
BJWSA Chelsea WTP	Co-60	30-Nov-14	4.65E+00	2.08E+00	No
BJWSA Chelsea WTP	Co-60	31-Dec-14	2.59E+00	1.99E+00	No
N. Augusta Public Water Works	Co-60	31-Jan-14	3.05E-01	2.40E+00	No
N. Augusta Public Water Works	Co-60	28-Feb-14	1.46E+00	2.23E+00	No
N. Augusta Public Water Works	Co-60	31-Mar-14	-1.43E+00	1.91E+00	No
N. Augusta Public Water Works	Co-60	30-Apr-14	3.11E+00	1.88E+00	No
N. Augusta Public Water Works	Co-60	30-May-14	-2.47E+00	2.09E+00	No
N. Augusta Public Water Works	Co-60	30-Jun-14	6.08E-01	1.85E+00	No
N. Augusta Public Water Works	Co-60	31-Jul-14	4.65E+00	1.99E+00	No
N. Augusta Public Water Works	Co-60	31-Aug-14	-3.59E+00	2.24E+00	No
N. Augusta Public Water Works	Co-60	30-Sep-14	1.28E+00	2.00E+00	No
N. Augusta Public Water Works	Co-60	31-Oct-14	1.74E+00	1.87E+00	No
N. Augusta Public Water Works	Co-60	30-Nov-14	5.59E-01	2.36E+00	No
N. Augusta Public Water Works	Co-60	30-Dec-14	-1.29E+00	1.73E+00	No
Onsite					
617-G	Cs-137	8-Jan-14	-9.14E-01	2.08E+00	No
681-3G Dom. Water Faucet	Cs-137	8-Jan-14	1.04E+00	2.10E+00	No

2014 Radioactivity in Drinking Water : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
704-16G	Cs-137	8-Jan-14	-2.16E+00	2.13E+00	No
709-1G	Cs-137	8-Jan-14	-1.32E-01	2.18E+00	No
737-G	Cs-137	8-Jan-14	-9.78E-01	1.92E+00	No
782-3A	Cs-137	8-Jan-14	3.46E-02	2.27E+00	No
782-3A	Cs-137	8-Jan-14	1.18E+00	2.24E+00	No
782-3A	Cs-137	21-Apr-14	4.57E-01	2.25E+00	No
782-3A	Cs-137	14-Jul-14	1.97E+00	2.58E+00	No
782-3A	Cs-137	21-Oct-14	3.51E+00	2.00E+00	No
905-112G Well	Cs-137	14-Jan-14	-1.32E+00	2.19E+00	No
905-113G Well	Cs-137	14-Jan-14	1.14E+00	2.44E+00	No
905-125B	Cs-137	14-Jan-14	6.14E+00	2.49E+00	No
905-67B	Cs-137	14-Jan-14	-1.87E+00	2.15E+00	No

Treatment Plants - Finished

BJWSA Chelsea WTP	Cs-137	31-Jan-14	5.11E-01	2.20E+00	No
BJWSA Chelsea WTP	Cs-137	28-Feb-14	1.57E-01	2.14E+00	No
BJWSA Chelsea WTP	Cs-137	31-Mar-14	4.35E-01	2.15E+00	No
BJWSA Chelsea WTP	Cs-137	30-Apr-14	2.22E+00	2.11E+00	No
BJWSA Chelsea WTP	Cs-137	31-May-14	-3.86E-01	1.76E+00	No
BJWSA Chelsea WTP	Cs-137	30-Jun-14	2.17E+00	2.03E+00	No
BJWSA Chelsea WTP	Cs-137	31-Jul-14	3.95E+00	2.18E+00	No
BJWSA Chelsea WTP	Cs-137	31-Aug-14	3.35E+00	2.03E+00	No
BJWSA Chelsea WTP	Cs-137	30-Sep-14	1.75E+00	2.01E+00	No
BJWSA Chelsea WTP	Cs-137	31-Oct-14	2.86E-01	1.98E+00	No
BJWSA Chelsea WTP	Cs-137	30-Nov-14	1.00E+00	2.03E+00	No
BJWSA Chelsea WTP	Cs-137	31-Dec-14	-4.05E+00	2.04E+00	No
N. Augusta Public Water Works	Cs-137	31-Jan-14	5.62E-01	2.41E+00	No
N. Augusta Public Water Works	Cs-137	28-Feb-14	-1.12E+00	2.32E+00	No
N. Augusta Public Water Works	Cs-137	31-Mar-14	1.18E+00	2.03E+00	No
N. Augusta Public Water Works	Cs-137	30-Apr-14	-1.36E+00	2.03E+00	No
N. Augusta Public Water Works	Cs-137	30-May-14	2.47E+00	2.16E+00	No
N. Augusta Public Water Works	Cs-137	30-Jun-14	-4.89E-01	2.03E+00	No
N. Augusta Public Water Works	Cs-137	31-Jul-14	-1.95E+00	1.93E+00	No
N. Augusta Public Water Works	Cs-137	31-Aug-14	-1.87E+00	2.52E+00	No
N. Augusta Public Water Works	Cs-137	30-Sep-14	-2.76E+00	2.17E+00	No
N. Augusta Public Water Works	Cs-137	31-Oct-14	6.81E-01	2.08E+00	No
N. Augusta Public Water Works	Cs-137	30-Nov-14	2.53E+00	2.24E+00	No
N. Augusta Public Water Works	Cs-137	30-Dec-14	-3.43E+00	1.93E+00	No

Onsite

617-G	Sr-89/90	8-Jan-14	-2.70E-01	1.69E-01	No
681-3G Dom. Water Faucet	Sr-89/90	8-Jan-14	-8.51E-02	1.86E-01	No
704-16G	Sr-89/90	8-Jan-14	1.05E-02	1.98E-01	No
709-1G	Sr-89/90	8-Jan-14	1.06E-02	2.01E-01	No
737-G	Sr-89/90	8-Jan-14	9.95E-02	2.06E-01	No
782-3A	Sr-89/90	8-Jan-14	1.77E-01	2.12E-01	No

2014 Radioactivity in Drinking Water : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
905-112G Well	Sr-89/90	14-Jan-14	1.59E-01	2.13E-01	No
905-113G Well	Sr-89/90	14-Jan-14	1.66E-01	1.83E-01	No
905-125B	Sr-89/90	14-Jan-14	1.89E-01	2.08E-01	No
905-67B	Sr-89/90	14-Jan-14	1.89E-01	2.09E-01	No

Onsite					
617-G	U-234	8-Jan-14	3.92E-03	3.21E-03	No
681-3G Dom. Water Faucet	U-234	8-Jan-14	-7.38E-06	4.72E-04	No
704-16G	U-234	8-Jan-14	7.11E-03	3.94E-03	No
709-1G	U-234	8-Jan-14	5.70E-03	3.72E-03	No
737-G	U-234	8-Jan-14	2.54E-03	3.06E-03	No
782-3A	U-234	8-Jan-14	2.45E-02	6.89E-03	Yes
905-112G Well	U-234	14-Jan-14	2.49E-02	7.01E-03	Yes
905-113G Well	U-234	14-Jan-14	2.24E-02	6.97E-03	Yes
905-125B	U-234	14-Jan-14	6.59E-02	1.17E-02	Yes
905-67B	U-234	14-Jan-14	9.54E-03	4.68E-03	No

Onsite					
617-G	U-235	8-Jan-14	6.92E-04	1.61E+00	No
681-3G Dom. Water Faucet	U-235	8-Jan-14	2.16E-03	1.61E+00	No
704-16G	U-235	8-Jan-14	4.05E-03	2.87E-03	No
709-1G	U-235	8-Jan-14	2.12E-03	1.61E+00	No
737-G	U-235	8-Jan-14	2.35E-03	1.70E+00	No
782-3A	U-235	8-Jan-14	2.16E-03	1.57E+00	No
905-112G Well	U-235	14-Jan-14	2.19E-03	1.58E+00	No
905-113G Well	U-235	14-Jan-14	2.24E-03	1.57E+00	No
905-125B	U-235	14-Jan-14	2.04E-03	1.53E+00	No
905-67B	U-235	14-Jan-14	2.95E-03	3.46E-03	No

Onsite					
617-G	U-238	8-Jan-14	5.59E-04	1.61E+00	No
681-3G Dom. Water Faucet	U-238	8-Jan-14	0.00E+00	1.61E+00	No
704-16G	U-238	8-Jan-14	4.92E-03	2.85E-03	No
709-1G	U-238	8-Jan-14	5.14E-03	2.99E-03	No
737-G	U-238	8-Jan-14	-1.27E-03	1.28E-03	No
782-3A	U-238	8-Jan-14	4.08E-02	9.04E-03	Yes
905-112G Well	U-238	14-Jan-14	2.89E-02	7.66E-03	Yes
905-113G Well	U-238	14-Jan-14	4.05E-02	9.21E-03	Yes
905-125B	U-238	14-Jan-14	7.57E-02	1.23E-02	Yes
905-67B	U-238	14-Jan-14	1.79E-02	5.77E-03	Yes

Onsite					
617-G	Pu-238	8-Jan-14	5.86E-04	2.19E-03	No
681-3G Dom. Water Faucet	Pu-238	8-Jan-14	5.38E-04	2.01E-03	No
704-16G	Pu-238	8-Jan-14	7.97E-03	3.71E-03	Yes
709-1G	Pu-238	8-Jan-14	5.03E-03	3.01E-03	No

2014 Radioactivity in Drinking Water : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
737-G	Pu-238	8-Jan-14	-6.00E-06	4.15E-04	No
782-3A	Pu-238	8-Jan-14	2.76E-03	3.33E-03	No
905-112G Well	Pu-238	14-Jan-14	3.41E-03	2.49E-03	No
905-113G Well	Pu-238	14-Jan-14	3.59E-03	2.65E-03	No
905-125B	Pu-238	14-Jan-14	-1.14E-03	1.19E-03	No
905-67B	Pu-238	14-Jan-14	3.43E-03	2.53E-03	No

Onsite					
617-G	Pu-239	8-Jan-14	2.38E-03	2.80E-03	No
681-3G Dom. Water Faucet	Pu-239	8-Jan-14	1.63E-03	1.64E-03	No
704-16G	Pu-239	8-Jan-14	2.12E-03	2.50E-03	No
709-1G	Pu-239	8-Jan-14	1.68E-03	1.69E-03	No
737-G	Pu-239	8-Jan-14	0.00E+00	1.44E+00	No
782-3A	Pu-239	8-Jan-14	0.00E+00	1.52E+00	No
905-112G Well	Pu-239	14-Jan-14	1.70E-03	1.71E-03	No
905-113G Well	Pu-239	14-Jan-14	6.03E-04	1.70E+00	No
905-125B	Pu-239	14-Jan-14	3.41E-03	2.43E-03	No
905-67B	Pu-239	14-Jan-14	3.43E-03	2.45E-03	No

Onsite					
617-G	Am-241	8-Jan-14	1.74E-02	5.85E-03	Yes
681-3G Dom. Water Faucet	Am-241	8-Jan-14	5.86E-04	2.33E-03	No
704-16G	Am-241	8-Jan-14	8.65E-03	4.09E-03	Yes
709-1G	Am-241	8-Jan-14	7.70E-03	4.08E-03	Yes
737-G	Am-241	8-Jan-14	6.38E-03	3.43E-03	Yes
782-3A	Am-241	8-Jan-14	5.54E-03	3.70E-03	No
905-112G Well	Am-241	14-Jan-14	5.92E-03	3.64E-03	No
905-113G Well	Am-241	14-Jan-14	3.97E-03	3.35E-03	No
905-125B	Am-241	14-Jan-14	3.35E-03	2.59E-03	No
905-67B	Am-241	14-Jan-14	9.24E-03	4.63E-03	Yes

Onsite					
617-G	Cm-244	8-Jan-14	0.00E+00	1.76E+00	No
681-3G Dom. Water Faucet	Cm-244	8-Jan-14	0.00E+00	1.66E+00	No
704-16G	Cm-244	8-Jan-14	0.00E+00	1.85E+00	No
709-1G	Cm-244	8-Jan-14	0.00E+00	1.93E+00	No
737-G	Cm-244	8-Jan-14	0.00E+00	1.64E+00	No
782-3A	Cm-244	8-Jan-14	3.27E-03	2.33E-03	No
905-112G Well	Cm-244	14-Jan-14	0.00E+00	1.92E+00	No
905-113G Well	Cm-244	14-Jan-14	0.00E+00	1.82E+00	No
905-125B	Cm-244	14-Jan-14	0.00E+00	1.69E+00	No
905-67B	Cm-244	14-Jan-14	0.00E+00	1.79E+00	No

Onsite					
617-G	Gross B	8-Jan-14	7.16E-01	2.96E-01	No
681-3G Dom. Water Faucet	Gross B	8-Jan-14	1.75E+00	3.90E-01	Yes

2014 Radioactivity in Drinking Water : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
704-16G	Gross B	8-Jan-14	5.95E-01	3.25E-01	No
709-1G	Gross B	8-Jan-14	1.07E+00	3.32E-01	Yes
737-G	Gross B	8-Jan-14	2.00E+00	3.90E-01	Yes
782-3A	Gross B	8-Jan-14	4.00E-01	3.02E-01	No
782-3A	Gross B	8-Jan-14	3.22E-01	2.80E-01	No
782-3A	Gross B	21-Apr-14	1.35E+00	3.76E-01	Yes
782-3A	Gross B	14-Jul-14	6.84E-01	1.58E-01	Yes
782-3A	Gross B	21-Oct-14	9.81E-01	1.69E-01	Yes
905-112G Well	Gross B	14-Jan-14	8.16E-01	3.17E-01	No
905-113G Well	Gross B	14-Jan-14	6.08E-01	3.05E-01	No
905-125B	Gross B	14-Jan-14	1.55E+00	3.87E-01	Yes
905-67B	Gross B	14-Jan-14	5.43E-01	2.99E-01	No

Treatment Plants - Finished

BJWSA Chelsea WTP	Gross B	31-Jan-14	1.33E+00	3.43E-01	Yes
BJWSA Chelsea WTP	Gross B	28-Feb-14	2.21E+00	4.00E-01	Yes
BJWSA Chelsea WTP	Gross B	31-Mar-14	2.08E+00	3.93E-01	Yes
BJWSA Chelsea WTP	Gross B	30-Apr-14	2.18E+00	1.76E-01	Yes
BJWSA Chelsea WTP	Gross B	31-May-14	1.85E+00	1.70E-01	Yes
BJWSA Chelsea WTP	Gross B	30-Jun-14	2.23E+00	1.79E-01	Yes
BJWSA Chelsea WTP	Gross B	31-Jul-14	1.82E+00	2.16E-01	Yes
BJWSA Chelsea WTP	Gross B	31-Aug-14	2.19E+00	2.28E-01	Yes
BJWSA Chelsea WTP	Gross B	30-Sep-14	2.18E+00	2.28E-01	Yes
BJWSA Chelsea WTP	Gross B	31-Oct-14	1.69E+00	1.98E-01	Yes
BJWSA Chelsea WTP	Gross B	30-Nov-14	2.13E+00	2.13E-01	Yes
BJWSA Chelsea WTP	Gross B	31-Dec-14	2.38E+00	2.21E-01	Yes
N. Augusta Public Water Works	Gross B	31-Jan-14	2.61E+00	4.39E-01	Yes
N. Augusta Public Water Works	Gross B	28-Feb-14	2.17E+00	3.90E-01	Yes
N. Augusta Public Water Works	Gross B	31-Mar-14	2.04E+00	3.92E-01	Yes
N. Augusta Public Water Works	Gross B	30-Apr-14	2.44E+00	4.10E-01	Yes
N. Augusta Public Water Works	Gross B	30-May-14	2.34E+00	4.04E-01	Yes
N. Augusta Public Water Works	Gross B	30-Jun-14	1.70E+00	2.04E-01	Yes
N. Augusta Public Water Works	Gross B	31-Jul-14	2.05E+00	2.07E-01	Yes
N. Augusta Public Water Works	Gross B	31-Aug-14	2.27E+00	1.18E-01	Yes
N. Augusta Public Water Works	Gross B	30-Sep-14	1.71E+00	2.08E-01	Yes
N. Augusta Public Water Works	Gross B	31-Oct-14	2.76E+00	2.30E-01	Yes
N. Augusta Public Water Works	Gross B	30-Nov-14	2.11E+00	2.22E-01	Yes
N. Augusta Public Water Works	Gross B	30-Dec-14	2.14E+00	2.11E-01	Yes

Onsite

617-G	Gross A	8-Jan-14	4.00E-03	1.22E-01	No
681-3G Dom. Water Faucet	Gross A	8-Jan-14	1.04E+00	3.16E-01	Yes
704-16G	Gross A	8-Jan-14	1.79E+00	4.38E-01	Yes
709-1G	Gross A	8-Jan-14	1.42E-01	2.15E-01	No
737-G	Gross A	8-Jan-14	1.96E-03	1.34E-01	No
782-3A	Gross A	8-Jan-14	1.29E+00	4.44E-01	Yes

2014 Radioactivity in Drinking Water : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
782-3A	Gross A	8-Jan-14	3.08E-01	2.42E-01	No
782-3A	Gross A	21-Apr-14	1.95E+00	4.97E-01	Yes
782-3A	Gross A	14-Jul-14	5.14E-01	1.53E-01	Yes
782-3A	Gross A	21-Oct-14	5.54E-01	1.52E-01	Yes
905-112G Well	Gross A	14-Jan-14	6.51E-01	2.49E-01	Yes
905-113G Well	Gross A	14-Jan-14	7.38E-01	2.64E-01	Yes
905-125B	Gross A	14-Jan-14	1.49E+00	3.75E-01	Yes
905-67B	Gross A	14-Jan-14	7.27E-01	2.78E-01	Yes

Treatment Plants - Finished					
BJWSA Chelsea WTP	Gross A	31-Jan-14	1.21E-02	1.28E-01	No
BJWSA Chelsea WTP	Gross A	28-Feb-14	-1.01E-01	5.96E-02	No
BJWSA Chelsea WTP	Gross A	31-Mar-14	-1.05E-01	6.20E-02	No
BJWSA Chelsea WTP	Gross A	30-Apr-14	-1.73E-02	8.53E-02	No
BJWSA Chelsea WTP	Gross A	31-May-14	1.57E-01	1.06E-01	No
BJWSA Chelsea WTP	Gross A	30-Jun-14	7.32E-02	1.03E-01	No
BJWSA Chelsea WTP	Gross A	31-Jul-14	1.27E-01	1.10E-01	No
BJWSA Chelsea WTP	Gross A	31-Aug-14	9.05E-02	1.05E-01	No
BJWSA Chelsea WTP	Gross A	30-Sep-14	9.16E-02	1.06E-01	No
BJWSA Chelsea WTP	Gross A	31-Oct-14	2.17E-01	1.21E-01	No
BJWSA Chelsea WTP	Gross A	30-Nov-14	2.16E-01	1.21E-01	No
BJWSA Chelsea WTP	Gross A	31-Dec-14	1.10E-01	1.04E-01	No
N. Augusta Public Water Works	Gross A	31-Jan-14	-1.07E-01	4.42E-02	No
N. Augusta Public Water Works	Gross A	28-Feb-14	2.44E-02	1.05E-01	No
N. Augusta Public Water Works	Gross A	31-Mar-14	1.21E-01	1.47E-01	No
N. Augusta Public Water Works	Gross A	30-Apr-14	2.86E-01	1.90E-01	No
N. Augusta Public Water Works	Gross A	30-May-14	2.84E-01	1.89E-01	No
N. Augusta Public Water Works	Gross A	30-Jun-14	1.68E-02	7.52E-02	No
N. Augusta Public Water Works	Gross A	31-Jul-14	3.41E-02	7.14E-02	No
N. Augusta Public Water Works	Gross A	31-Aug-14	4.43E-01	6.31E-02	No
N. Augusta Public Water Works	Gross A	30-Sep-14	1.24E-01	8.76E-02	No
N. Augusta Public Water Works	Gross A	31-Oct-14	3.03E-02	7.26E-02	No
N. Augusta Public Water Works	Gross A	30-Nov-14	-8.32E-03	5.76E-02	No
N. Augusta Public Water Works	Gross A	30-Dec-14	2.61E-03	6.90E-02	No