Urbenville -WTP Water Treatment Plant & Reticulation
Obtained data by sample date - Monthly Monitoring

Month	pH	Electrical Conductivity	TDS	Turbidity (NTU)	Colour	Aluminium	Nitrite	Nitrate	Sodium	Calcium	Magnesium	Hardness	Sulphate	Fluoride	Arsenic	Boron	Barium	Chromium	Copper	Iron	Molybdenum	Nickel	Manganese	Lead	Silver	Antimony	Cadmium	Selenium	Mercury	Iodine	Total Cyanide	Alkalinity	Chloride	Ammonium Nitrogen	Sample no	Date Sampled	Date Reported
LOR		1	2	0.1	2	0.005	0.01	0.05	0.15	0.1	0.1	1	1	0.05	0.005	0.005	0.01	0.001	0.002	0.005	0.005	0.005	0.005	0.001	0.001	0.001	0.0005	0.001	0.05	0.01	0.004	14	0.5	0.02			
Units		µS/cm	mg/L	NTU	Pt-Co	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	mg/L	mg/L	mg/L CaCO3	mg/L	mg/L			
April 2023	7.2	170	250	0.32	<1.0	0.013				10	3.2	36		<0.2						0.005			0.025											<0.020	WN230716	19/04/2023	19/05/2023
March 2023	7.8	460	310	0.45	<1	0.021				0.03	10	62		<0.2						0.012			0.0060											<0.020	WN230676	16/03/2023	22/03/2023
February 2023	7.5	470	310	0.56	<1	0.038				15	4.1	63								0.014			0.015											<0.020	WN230510	8/02/2023	13/02/2023
January 2023	7.5	400	260	0.68	5.2	0.010				16	4.0	39								0.005			0.052											<0.020	WN230040	11/01/2023	20/01/2023
December 2022	7.4	310	210	0.28	<1.0	<0.05				35	6.5	64		<0.20						<0.01			0.036											<0.020	WN221083	7/12/2022	16/12/2022
November 2022	7.6	355	230	0.47	<1.0	<0.05				31	6.7	85		0.21						0.036			0.03											<0.020	WN221412	14/11/2022	28/11/2022
October 2022	7.1	440	290	0.38	1.1	<0.05				33	5.2	92		0.1						<0.01			0.071									14	0.5	0.02	WN221083	31/10/2022	27/10/2022
																																Additional Analysis Added					
September 2022	7.4	355	240	0.24	<1	0.016						74								<0.005			0.026												22/11/2	21/09/2022	6/10/2022
August 2022	7.5	360	240	0.83	<1	0.14						66								0.023			0.024												22/089	31/08/2022	22/08/2022
July 2022	7.3	320	210	0.69	<1	0.066	<0.2	0.36	45	18	5.9	56	42	0.78	<0.00050	0.06	<0.0005	0.01	<0.01	<0.01	<0.0005	<0.0005	0.067	<0.0005	<0.001	<0.0005	<0.0005	<0.0005	<0.005	<0.01	<0.004				22/063	18/07/2022	29/07/2022
June 2022	7.2	310	210	0.2	<1	0.035						51								0.011			0.057												22/024	16/06/2022	13/07/2022
May 2022	7.3	360	240	0.5	<1	0.13						38								<0.05			0.038												22/0614	12/05/2022	6/06/2022
April 2022	6.7	365	180	0.32	<1	0.023						40								<0.005			0.02												1310614	19/04/2022	19/04/2022
March 2022	7	300	192	0.3	<1					<0.1	<0.1	<1								<0.005			0.033												22/0340	30/03/2022	14/04/2022
February 2022	7.19	265	0.14	0.14	<1					16.2	4.8	45								0.005			0.02												22/0251	10/02/2022	15/02/2022
January 2022	7.8	349	159	0.1	1		<0.01	0.35	0.15	11.5	5.5	54	34.3	<0.050	<0.05	0.034	0.006	<0.005	<0.005	<0.005	<0.005	<0.005				<0.005									1310041	4/01/2022	18/01/2022
December 2021	7.1	217	138	0.7	2					7.6	3.3	33								0.11			0.053												21/1835	8/12/2021	20/12/2021
November 2021	7.8	466	298	0.61	<2	0.022				22.2	9.1	93								0.02			0.039												21/1664	11/11/2021	16/11/2021
October 2021	7.9	459	294	0.15	<2	0.036					9.8	99								0.009			0.066												21/1583	18/10/2021	20/10/2021
September 2021	8.1	407	260	0.25	5	0.036					10.1	99								0.01			0.001												21/1392	16/09/2021	7/10/2021
August 2021	7.8	397	254	0.51	<2	0.025					9.1	89								0.009			0.04												21/1203	26/08/2021	31/08/2021
July 2021	7.6	357	228	0.35	3	0.01					6	59								0.01			0.061												21/0982	15/07/2021	28/07/2021
June 2021	8.0	392	251	0.4	3		<0.01	0.17	47	16.7	7	71	32.7	0.051	<0.005	0.2	0.32	<0.005	<0.005	0.009	<0.005	<0.005	0.022	<0.001	<0.001	<0.001	<0.0001	<0.001	<0.01	<0.01	<0.004				21/0822	20/06/2021	29/06/2021
May 2021	7.7	371	237	0.18	<1	0.03				15.3	6.1	63								0.04			0.005												1310583	13/06/2021	28/06/2021
April 2021																																					
March 2021	7	312	200	0.79	2	0.16				11.6	4.4	50								0.08			0.017												21/0397	17/03/2021	29/03/2021
February 2021	7.3	370	237	0.35	<1	0.03				14	4.1	61								0.06			0.008												1310314	10/03/2021	16/03/2021
January 2021	7.3	404	259	1.2	2		<0.01	0.32	54.4	16.3	4.3	61	38.7	0.02	<0.005	0.027	0.08	<0.005	0.016	0.08	<0.005	<0.005	0.088	<0.001	<0.001	<0.001	<0.0001	<0.001	<0.01	<0.01	<0.004				21/0015	14/01/2021	4/02/2021
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min	6.7	217	0.14	0.1	1.1		0	0.17	0.15	6.05	3.3	33	32.7	0.051	0	0.024	0.006	0.01	0.016	0.005	0	0	0.005	0	0	0	0	0	0	0	0						
max	8.8	466	310	7.2	5.2		0	0.92	54.4	22.2	10.1	99	38.7	0.51	0	0.2	0.32	0.06	0.016	0.11	0	0	0.101	0	0	0	0	0	0	0	0						
mean	7.48	360.95	229.19	0.59	2.83		#DIV/0!	0.49	39.14	12.79	6.89	61.12	51.38	0.19	#DIV/0!	0.08	0.13	0.01	0.01	0.03	#DIV/0!	#DIV/0!	0.03	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!						