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

Month	pH	Electrical Conductivity	TDS	Turbidity INTUL	Colour	Aluminium	Nitrite	Nitrate	Sodium	Calcium	Magnesium	Hardness	Sulphate	Flouride	Amenic	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			
February 2023	7.5	470	310	0.16	<1	0.028				35	8.1	63								0.014			0.011											<0.020	WN230910	8/02/2023	17/02/2023
January 2023	7.5	400	260	0.68	5.3	0.019				36	6.9	39								0.005			0.052											<0.020	WN230040	11/01/2023	20/01/2023
December 2022	7.4	310	210	0.38	<1.0	<0.05				25	6.5	64		<0.05						<0.05			0.058											<0.020	WN223985	12/12/2022	16/12/2022
November 2022	7.6	350	230	0.47	<1.0	<0.05				23	9.2	80		0.21						0.026			0.03											<0.020	WN223627	16/11/2022	29/11/2022
October 2022	7.1	440	290	0.38	1.1	<0.05				35	5.2	50		0.1						<0.05			0.071									14	0.5	0.02	WN221883	21/10/2022	27/10/2022
																																Additional Analysis Added					
September 2022	7.4	350	240	0.24	<1	0.016						74								<0.005			0.028													22/1817	23/09/2022	6/10/2022
August 2022	7.5	360	240	0.63	<1	0.14						66								0.023			0.024													22/0890	11/08/2022	22/08/2022
July 2022	7.3	330	210	0.43	<1	0.056	<0.2	0.36	45	31	5.9	56	42	0.78	<0.00050	0.06	<0.0005	0.01	<0.01	<0.05	<0.0005	<0.0005	0.067	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.005	<0.01	<0.004				22/0661	14/07/2022	26/07/2022
June 2022	7.2	360	210	0.32	<1	0.095						51								0.011			0.097													22/0534	16/06/2022	28/07/2022
May 2022	7.3	360	240	0.5	<1	0.13						59								<0.05			0.059													22/0454	12/05/2022	6/06/2022
April 2022	6.7	280	180	0.38	<1	0.063						40								<0.005			0.06													22/0324	22/04/2022	17/06/2022
March 2022	7	300	190	0.3	<1					<0.1	<0.1	<1								<0.005			0.039													22/0140	10/03/2022	14/04/2022
February 2022	7.19	365	0.18	0.14	<1					16.1	4.9	45								0.005			0.04													22/0017	15/02/2022	15/02/2022
January 2022	7.8	248	159	0.1	2		<0.01	0.25	0.15	12.7	5.5	54	34.2	<0.050	<0.05	0.024	0.039	<0.005	<0.005	<0.005	<0.005	<0.005	0.06			<0.005										22/0041	6/01/2022	18/01/2022
December 2021	7.1	217	138	0.2	2					7.6	3.3	33								0.11			0.053													21/1832	8/12/2021	20/12/2021
November 2021	7.8	466	298	0.41	<1	0.075				33.5	9.1	93								0.03			0.066													21/1664	11/11/2021	12/11/2021
October 2021	7.9	459	294	0.31	<1	0.036					9.8	99								0.009			0.065													21/1501	18/10/2021	20/10/2021
September 2021	8.1	407	260	0.25	5	0.036					10.1	99								0.03			0.065													21/1329	16/09/2021	7/10/2021
August 2021	7.8	397	254	0.51	<1	0.035					8.1	89								0.009			0.04													21/1201	26/08/2021	31/08/2021
July 2021	7.6	357	228	0.25	3	0.01					6	99								0.01			0.064													21/0892	15/07/2021	28/07/2021
June 2021	8.6	392	251	0.3	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				21/0819	10/06/2021	28/06/2021
May 2021	7.7	371	237	0.18	<1	0.03				15.3	6.1	63								0.04			0.065													21/0682	13/05/2021	28/05/2021
April 2021																																					
March 2021	7	313	200	0.19	5	0.16				11.6	4.4	55								0.04			0.057													21/0367	17/03/2021	26/03/2021
February 2021	7.3	270	227	0.25	<1	0.02				16	6.1	65								0.04			0.068													21/0216	10/02/2021	18/02/2021
January 2021	7.3	404	259	1.2	2		<0.01	0.92	64.4	18.3	4.3	61	38.7	0.92	<0.005	0.027	0.08	<0.005	0.014	0.08	<0.005	<0.005	0.049	<0.001	<0.001	<0.001	<0.0001	<0.001	<0.01	<0.01	<0.004				21/0073	14/01/2021	4/02/2021
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min	6.7	247	0.18	0.1	1.1		0	0.17	0.15	7.6	3.3	33	32.7	0.051	0	0.024	0.039	0.01	0.014	0.005	0	0	0.065	0	0	0	0	0	0	0	0						
max	7.3	470	310	1.2	5.3		0	0.92	64.4	22.5	10.1	99	38.7	0.92	0	0.2	0.32	0.01	0.014	0.14	0	0	0.08	0	0	0	0	0	0	0	0						
mean	7.48	356.00	225.13	0.51	2.33		#DIV/0!	0.49	19.14	14.15	6.65	62.25	35.30	0.59	#DIV/0!	0.08	0.13	0.01	0.00	0.03	#DIV/0!	#DIV/0!	0.03	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!						