UrbanUtilities

Recycled Water Quality Summary

KALBAR RRC Recycled Water Quality Summary

For sampling conducted between 1 July 2022 and 30 June 2023

Parameter	Units	No. Samples	Minimum	Average	Maximum
Acetic Acid	mg/L	13	<6	<6	<6
Ammonia N	mg/L	13	0.8	11.89	31.2
Arsenic as As	mg/L	13	<0.007	<0.007	<0.007
Boron as B	mg/L	13	0.085	0.094	0.107
Cadmium as Cd	mg/L	13	<0.001	<0.001	<0.001
Calcium as Ca	mg/L	4	21.9	39	49
CBOD 5 days @ 20oC	mg/L	12	<5	<5	<5
Chromium as Cr	mg/L	13	<0.001	<0.001	<0.001
COD as O2	mg/L	12	30	44	68
Conductivity at 25C	uS/cm	63	527	1351	2003
Copper as Cu	mg/L	13	<0.005	<0.005	0.006
Dissolved O2 - Field	mg/L	13	3.66	8.41	19.43
Escherichia coli	cfu/100mL	51	<1	<1	<1
Fluoride by ISE	mg/L	13	0.56	0.67	0.75
Free Chlorine	mg/L	64	<0.1	0.16	1.82
Lead as Pb	mg/L	13	<0.004	<0.004	<0.004
Magnesium as Mg	mg/L	4	17.7	31.8	42.9
Manganese as Mn	mg/L	13	0.001	0.068	0.316
Mercury as Hg	ug/L	13	<0.01	<0.01	<0.01
Nickel as Ni	mg/L	13	<0.01	<0.01	<0.01
Ortho Phosphorus as P	mg/L	13	4.3	7.026	9.72
pH - Field	pH Unit	13	7.7	8	8.9
Selenium as Se	mg/L	13	<0.01	<0.01	<0.01
Sodium as Na	mg/L	4	145	174.8	191
Sodium Absorption Ratio	na	4	4.61	5.16	5.62
Suspended Solids	mg/L	12	<5	<5	<5
Temperature - Field	C	13	11.7	20.2	28.2
Total Alkalinity as CaCO3	mg/L	13	137	219	294
Total Chlorine	mg/L	64	<0.1	3.64	6.06
Total Nitrogen as N	mg/L	13	7.15	18.24	41.8
Total Phosphorus as P	mg/L	13	5.2	7.76	10.3
Zinc as Zn	mg/L	13	<0.005	0.005	0.026

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