



District Annual Reporting, 2024

Metrogro Biosolids Quality Average Values

(Formerly Table 8, Annual Report; posted annually at madsewer.org/metrogro)

Parameter	Concentration	EPA EQ Limit*	EPA Ceiling Limit	Units (Dry Weight)
Total Solids	4.85	NA	NA	%
TKN	9.46	NA	NA	%
NH3-N	4.21	NA	NA	%
Total-K	.57	NA	NA	%
Total-P	3.23	NA	NA	%
Arsenic	4.5	41	75	mg/kg
Cadmium	.9	39	85	mg/kg
Chromium	41.8	NA	NA	mg/kg
Copper	509	1,500	4,300	mg/kg
Lead	18.6	300	840	mg/kg
Mercury	.4	17	57	mg/kg
Molybdenum	20.7	NA	75	mg/kg
Nickel	22.9	420	420	mg/kg
Selenium*	6.5	100	100	mg/kg
Zinc	700	2,800	7,500	mg/kg
PCB	<0.017	NA	NA	mg/kg

* EQ means “exceptional quality”

< data qualifier is used if one or more of the monthly values used to calculate the yearly average are reported as below the analytical limit of detection.

NA means not applicable