

GUAM WATERWORKS AUTHORITY

Water Quality Report

1996-1997

PARAMETER	UNIT	MCL ¹	DL ²	MIN ³	MAX ⁴	MIN ³	MAX ⁴
				GROUND WATER		SURFACE WATER	
Regulated SOCs							
Dibromochloropropane (DBCP)	mg/l	0.0002	0.00001	nd ⁵	0.00001	nd	nd
Ethylene Dibromide (EDB)	mg/l	0.00005	0.00001	nd	0.00008	nd	nd
PCBs	mg/l	0.0005	0.0001	nd	nd	nd	nd
Toxaphene	mg/l	0.003	0.0005	nd	nd	nd	nd
Aldicarb (Temik)	mg/l	0.003	0.0005	nd	nd	nd	nd
Aldicarb Sulfone	mg/l	0.002	0.0008	nd	nd	nd	nd
Carbofuran	mg/l	0.04	0.0009	nd	nd	nd	nd
Oxamyl (Vidate)	mg/l	0.2	0.002	nd	nd	nd	nd
Dalapon	mg/l	0.2	0.001	nd	nd	nd	nd
Dinoseb	mg/l	0.007	0.0002	nd	nd	nd	nd
Picloram	mg/l	0.5	0.0001	nd	0.00085	nd	nd
2,4-D (Formula 40, Weedar 64)	mg/l	0.07	0.0001	nd	nd	nd	nd
2,4,5-TP (Silvex)	mg/l	0.07	0.0002	nd	nd	nd	nd
Alachlor (Lasso)	mg/l	0.002	0.00005	nd	nd	nd	nd
Atrazine (Atranex, Crizarina)	mg/l	0.003	0.00005	nd	nd	nd	nd
Benzo(a)pyrene	mg/l	0.0002	0.00002	nd	nd	nd	nd
Chlordane	mg/l	0.002	0.0001	nd	0.0014	nd	nd
Di(ethylhexyl)-adipate	mg/l	0.4	0.0006	nd	0.0032	nd	nd
Di(ethylhexyl)-phthalate	mg/l	0.006	0.0005	nd	0.0026	nd	0.0018
Endrin	mg/l	0.002	0.00001	nd	0.00085	nd	0.00002
Heptachlor (H-34, Heptox)	mg/l	0.0004	0.00001	nd	0.00002	nd	nd
Heptachlor Epoxide	mg/l	0.0002	0.00001	nd	0.00003	nd	0.00001
Hexachlorobenzene	mg/l	0.001	0.00005	nd	nd	nd	nd
Hexachlorocyclopentadiene	mg/l	0.001	0.00005	nd	nd	nd	nd
Lindane	mg/l	0.0002	0.00001	nd	nd	nd	nd
Methoxychlor (DMDT, Marlata)	mg/l	0.04	0.00005	nd	nd	nd	nd
Pentachlorophenol	mg/l	0.001	0.001	nd	nd	nd	nd
Simazine	mg/l	0.004	0.00005	nd	nd	nd	nd
2,3,7,8-TCDD (Dioxin)	mg/l	0.00000003	1.4pg/l	nd	nd	nd	nd
Diquat	mg/l	0.02	0.0004	nd	nd	nd	nd
Endothall	mg/l	0.1	0.005	nd	nd	nd	nd
Glyphosate	mg/l	0.7	0.006	nd	nd	nd	nd
Unregulated SOCs							

Carbaryl	mg/l	na ⁶	0.002	nd	nd	nd	nd
Methomyl	mg/l	na	0.001	nd	nd	nd	nd
3-Hydroxycarbofuran	mg/l	na	0.002	nd	nd	nd	nd
Dicamba	mg/l	na	0.00008	nd	nd	nd	nd
Aldrin	mg/l	na	0.00005	nd	0.00001	nd	0.00002
Butachlor	mg/l	na	0.00005	nd	nd	nd	nd
Dieldrin	mg/l	na	0.00002	nd	0.00041	nd	0.00002
Metolachlor	mg/l	na	0.00005	nd	nd	nd	nd
Metribuzin	mg/l	na	0.00005	nd	nd	nd	nd
Propachlor	mg/l	na	0.00005	nd	nd	nd	nd
Unregulated IOCs							
Antimony	mg/l	0.006	0.001	nd ⁵	0.001	nd	nd
Arsenic	mg/l	0.05	0.001	nd	0.0043	nd	nd
Asbestos	MFL	7	0.01	nd	nd	nd	nd
Barium	mg/l	2	0.002	nd	0.086	nd	0.0034
Beryllium	mg/l	0.004	0.001	nd	nd	nd	nd
Cadmium	mg/l	0.005	0.0005	nd	0.00099	nd	nd
Chromium	mg/l	0.1	0.0085	nd	0.072	nd	0.0047
Cyanide	mg/l	0.2	0.025	nd	nd	nd	nd
Fluoride	mg/l	4	0.1	nd	1.6	nd	0.61
Mercury	mg/l	0.002	0.0002	nd	0.00075	nd	nd
Nickel	mg/l	0.1	0.005	nd	nd	nd	nd
Nitrate-N	mg/l	10	0.1	nd	4.35	nd	1.298
Nitrite-N	mg/l	1	0.2	nd	0.02	nd	0.05
Selenium	mg/l	0.05	0.005	nd	nd	nd	nd
Thallium	mg/l	0.002	0.001	nd	nd	nd	nd
Unregulated IOCs							
Sulfate	mg/l	na ⁶	2	2.5	55	4.5	19

¹ MCL: Maximum Contaminant Level	⁴ MAX: Maximum Annual Running Average
² DL : Detection Level	⁵ nd : not detected
³ MIN : Minimum Annual Running Average	⁶ na : not applicable for unregulated contaminants