



STATE OF WATER BODIES IN ILLEGAL MINING AREAS

Turbidity is considered as a good measure of the quality of water. It is a measure of the degree to which the water loses its transparency due to the presence of suspended particles. The more total suspended solids in the water, the murkier (dirtier) it seems and the higher the turbidity. The acceptable turbidity value for drinking water is 5 Nephelometric Turbidity Unit (NTU), while values of 80-150 NTU are acceptable for other water uses as appropriate. The state of major rivers in the illegal mining areas as at 3 August 2021, is presented in the Table below:

Basin /Year	Town / Sampling Point	2021							
		Feb	11-12 May	24-25 May	7-8 June	21-22 June	5-6 July	19-20 July	2-3 Aug
Ankobra	Dominase	650	974	528	520	549	556	351	818
	Prestea	24,250	1,956	908	846	910	710	1,598	2,424
	Bonsaso	560	570	560	230	330	285	320	490
Pra	Twifo-Praso	1,157	886	853	848	734	571	943	936
	Daboase	7,500	930	861	907	595	668	888	731
Birim	Osino	14,800	1,170	950	564	250	260	705	360
	Bunso	4,700	575	283	942	278	182	471	749
	Kyebi	35	13	17	63	35	97	51	58
	Akim Oda	930	-	-	-	1,361	386	489	216
Offin	Odaso	-	1,854	1,079	1,122	1,146	1,306	1,031	954
Tano	Elubo	850	643	503	256	777	485	478	437

Legend	
	(>500) Highly turbid/highly polluted water
	(>150-500) Turbid water/polluted water
	(0-150) Low turbidity/ good water

Issued by Water Resources Commission