



Republic of the Philippines
Bangsamoro Autonomous Region in Muslim Mindanao
MINISTRY OF ENVIRONMENT, NATURAL RESOURCES AND ENERGY
OFFICE OF THE MINISTER
Bangsamoro Government Center, Gov. Gutierrez Ave., RH-7, Cotabato City
Telefax No. (064) 421-43-87



August 14, 2023
27, Muharram 1445 AH

BARMM-MENRE Memorandum Circular)
No. 06)
series of 2023)



SUBJECT : WATERBODY CLASSIFICATION OF GUBAWAN RIVER

Pursuant to DENR Administrative Order (DAO) No. 2016-08 (Water Quality Guidelines and General Effluent Standards of 2016) and in accordance with the Manual of Procedure for Water Classification, Gubawan River, Lamitan City (11km within the City) is hereby officially classified as **CLASS C**.

CLASSES	DEFINITION
Class C	<ol style="list-style-type: none"> 1. Fishery Water for propagation and growth of fish and other aquatic resources; 2. Recreation Water Class II. For boating, fishing, or similar activities; and 3. For agricultural, irrigation, and livestock watering.

The Following were the laboratory results of eight (8) parameters for the period of 10 months released by EMB-IX laboratory as basis for classification:

Station 1 sampling results.

Month	pH	Phosphate Mg/L	DO Mg/L	Chloride Mg/L	BOD Mg/L	TSS Mg/L	Oil and Grease Mg/L	FC MPN/ 100mL
24-Mar	7.34	0.101	6.52	6.06	5.9	14		160,000
22-Apr	8.3	0.02	8.59	11.85	1.4	4	3.8	35,000
30-May	7.47	0.017	7.4	5.23	2.4	6	4.7	54,000
24-Jun	8.3	0.03	8.59	4.54	1.1	32	5.6	54,000
29-Jul	8.32	0.055	1.58	4.24	21	31		54,000
19-Aug	6.93	<0.050	7.94	3.3	<1.0	34	3.5	35,000
28-Sep	8	<0.050	8.1	1,131.56	1	11	4.3	35,000
26-Oct	7.41	<0.050	7.5	1,160.99	4.5	18	3.5	28,000
23-Nov	8.66	<0.050	7.2	1.93	1	15	2.9	17,000
13-Dec	7.79	<0.050	6.1	95.23	1.8	12	2.7	54,000
Average	7.75875	0.0446	7.0275	290.9713	5.328571	18.75	4.233333	56875



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Station 2 sampling results.

Month	pH	Phosphate Mg/L	DO Mg/L	Chloride Mg/L	BOD Mg/L	TSS Mg/L	Oil and Grease Mg/L	FC MPN/ 100mL
24-Mar	7.37	0.087	8.57	3.03	1.4	3		54,000
22-Apr	8.11	0.007	8.03	2.69	1.5	<2.5	677.7	24,000
30-May	7.5	0.016	8.26	2.85	1.2	4	<2.5	1,300
24-Jun	8.11	0.03	8.03	2.84	1	7	12.7	1,700
29-Jul	7.61	<0.050	5.54	2.83	5.5	38		2,100
19-Aug	7	<0.050	8.2	2.83	<1.0	39	4	2,600
28-Sep	8.32	<0.050	8.05	4.71	1	5	3.3	21,000
26-Oct	7.53	<0.050	7.9	4.18	1.7	62	3	13,000
23-Nov	7.94	<0.050	7.4	2.41	<1.0	13	2.5	11,000
13-Dec	7.72	<0.050	5.8	116.99	2	15	3	92,000
Average	7.69375	0.035	7.8225	3.245	1.9	22.57143	140.14	14962.5

Station 3 sampling results.

Month	pH	Phosphate Mg/L	DO Mg/L	Chloride Mg/L	BOD Mg/L	TSS Mg/L	Oil and Grease Mg/L	FC MPN/ 100mL
24-Mar	7.34	0.091	9.63	2.69	1.9	6		14,000
22-Apr	8.05	<0.003	8.86	2.69	1	4	4.6	22,000
30-May	7.61	0.014	8.68	2.85	1	4	5.1	35,000
24-Jun	8.05	0.03	8.56	2.84	1	3	10.6	13,000
29-Jul	7.43	<0.050	7.86	2.36	6.7	18		17,000
19-Aug	7.17	<0.050	8.19	2.83	<1.0	23	2.7	17,000
28-Sep	8.21	<0.050	7.9	2.83	<1.0	6	3.5	12,000
26-Oct	7.6	<0.050	8.4	3.25	1.5	5	3.1	7,000
23-Nov	7.58	<0.050	8.5	2.41	1.2	9	2.7	4,900
13-Dec	7.7	<0.050	5.9	2.34	1.9	9	2.8	24,000
Average	7.6825	0.045	8.51	2.7925	2.183333	8.625	4.933333	17125

Henceforth, all industrial establishments, business, commercial and agricultural firms, local government units, government-owned or controlled corporations and other similar entities and instrumentalities, including persons discharging liquid wastes into the said water bodies are hereby required to observe and comply with the foregoing classification.



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This Order shall take effect fifteen (15) days after its publication in a newspaper of general circulation and upon acknowledgement of receipt of a copy thereof by the Office of the National Administrative Register (ONAR).

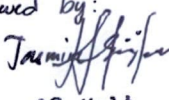

AKMAL A. BRAHIM
Minister, MENRE-BARMM

Recommending Approval:


ATTY. BADR F. SALENDAB
Bangsamoro Director General


Ustadh JALANI M. PAMILIAN, EnP, DM
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Received by:

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