

SABANG BAY WATER QUALITY MANAGEMENT AREA

Governing Board Meeting
November 18, 2022

WIFI: FILIPINIANA HOTEL
PASSWORD: Filhotel_2022



PROVISIONAL AGENDA

1. Presentation / Approval of the Minutes from the Previous Meeting
2. Updates on the Issues and Concerns Arising During the Previous Meeting
3. Presentation of the Minutes from the Special Meeting for the Reconstitution of the Representation of the Business Sector and Non-Government Agency (NGO) to the Governing Board of SBWQMA
4. Presentation of site visit on waterbodies subject for adopt-a-waterbody program
5. Revisit of Sabang Bay WQMA Ten-Year Action Plan
6. Updates on the Water Quality of Sabang Bay and other waterbodies within SBWQMA
7. Other Matters



MINUTES FROM THE PREVIOUS MEETING



ISSUES AND CONCERNS ARISING DURING THE PREVIOUS MEETING

- Representative from business sector
- Timeline on the commissioning stage
- Action plan on the problems of STP
- Balatero Creek and Minolo Cove

MINUTES FROM THE SPECIAL MEETING



IDENTIFIED WATERBODIES FOR ADOPT-A- WATERBODY PROGRAM

REVISIT OF SABANG BAY TEN-YEAR ACTION PLAN

SABANG BAY OIL & GREASE (CY 2021)

Station Identification	March 9, 2021	May 18, 2021	August 24, 2021	Average	WQG
East of Sabang	3	3	6	4.00	5
Pier	5	3	8	5.33	5
Central Sabang	8	3	6	5.67	5
West Sabang	4	3	6	4.33	5
Small La Laguna	4	2	7	4.33	5
Big La Laguna	4	3	10	5.67	5
Overall Average				4.89	5

ISSUED NOTICE OF VIOLATIONS IN PUERTO GALERA

No.	Name of Establishment	Address	Nature of Violation	No. of NOVS	Date of Issuance of NOV
1	Butch's Commercial Building	Brgy. Sto. Niño, Puerto Galera, Oriental Mindoro	Violation to ECC Condition - No DP - No PTO - No DENR ID	4	2-Mar-22
2	Great MCD Hardware	Brgy. Sto. Niño, Puerto Galera, Oriental Mindoro	No DENR ID No DP No PCO No PTO	3	18-Mar-22
3	Casa Marco Suites	Brgy. San Isidro, Puerto Galera, Oriental Mindoro	No DP No DENR ID	2	18-Mar-22
4	Utopia Resort and Spa	Brgy. Palangan, Puerto Galera, Oriental Mindoro	Violation to ECC Condition - No PTO - No DENR ID	3	11-Apr-22
5	Chateau De Galera	Brgy. Sinandigan, Puerto Galera, Oriental Mindoro	Violation to ECC Condition - No PTO - No DP - No DENR ID - No PCO	4	18-Apr-22
6	Globe Telecom, Inc. - Blue Crystal Cellsite	Brgy. Palangan, Puerto Galera, Oriental Mindoro	Expired PTO No DENR ID	2	2-May-22
7	Villa De Pico	Brgy. Palangan, Puerto Galera, Oriental Mindoro	No DENR ID	1	2-May-22

ISSUED NOTICE OF VIOLATIONS IN PUERTO GALERA

No.	Name of Establishment	Address	Nature of Violation	No. of NOVS	Date of Issuance of NOV
8	FV Marketing Corp. (Formerly Xylene Gas Service Station Project)	Brgy. Sto. Niño, Puerto Galera, Oriental Mindoro	Violation to ECC Condition - No PCO - No DENR ID - No PTO	4	2-May-22
9	Globe Telecom Inc – Puerto Galera Cellsite GLOBE - Puerto Galera	Brgy. Poblacion, Puerto Galera, Oriental Mindoro	No PTO No DENR ID	2	5-May-22
10	Extreme Adventure Sport Puerto Galera Inc.	Brgy. Sto. Niño, Puerto Galera, Oriental Mindoro	No ECC No DENR ID	2	30-May-22
11	Globe Telecom - Sabang Cellsite Globe - Sabang Cellsite	Brgy. Sabang, Puerto Galera, Oriental Mindoro	Expired PTO	1	16-Aug-22
12	Construction of Tabinay-Poblacion- Sto. Nino Balatero-San Isidro Bypass Road	Brgy. Tabinay, Poblacion, Sto. Nino, Balatero and San Isidro, Puerto Galera, Oriental Mindoro	No ECC	1	2-Jun-22
13	New Nemar Development Corporation 3S Yamaha	Brgy. Sto. Nino, Puerto Galera, Oriental Mindoro	No DENR ID	1	23-Aug-22
14	Punta Del Faro (Punta Del Escarceo)	Brgy. Sinandigan, Puerto Galera, Oriental Mindoro	No ECC	1	22-Aug-22

ISSUED NOTICE OF VIOLATIONS IN PUERTO GALERA

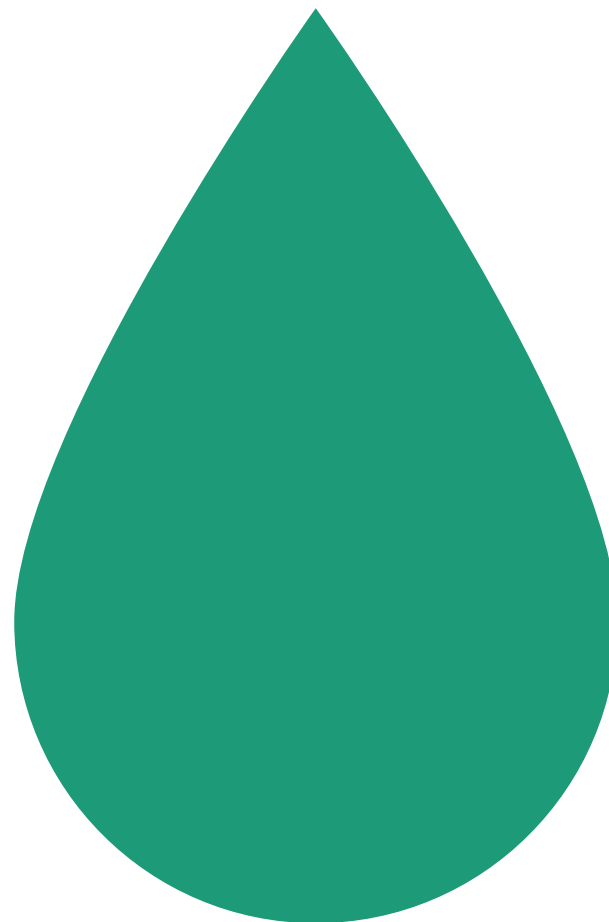
No.	Name of Establishment	Address	Nature of Violation	No. of NOVS	Date of Issuance of NOV
15	JZW Driftwood Cottage Apartment Rental	Brgy. Dulangan, Puerto Galera, Oriental Mindoro	No DENR ID	1	23-Aug-22
16	Bright Crane Resort Hotel (The Mang-yan Grand Hotel)	Brgy. San Isidro, White Beach, Puerto Galera, Oriental Mindoro	Violation to ECC Condition - Failed to install billboard - Built additional facilities (restaurant) not included in the description No DENR ID	2	23-Aug-22
17	Bright Crane Resort Hotel (The Mang-yan Grand Hotel)	Brgy. San Isidro, White Beach, Puerto Galera, Oriental Mindoro	No DENR ID	1	23-Aug-22
18	SMART Communication Inc – San Isidro SMART - San Isidro	Brgy. San Isidro, White Beach, Puerto Galera, Oriental Mindoro	No PTO No DENR ID	2	4-Nov-22
19	SMART Communication Inc – La Laguna SMART - La Laguna	Small La Laguna tip, Brgy. Sabang, Puerto Galera, Oriental Mindoro	Expired PTO No DENR ID	2	4-Nov-22

ISSUED PAB IN PUERTO GALERA

No.	Docket No.	Name of Firm	Address	Nature of Violation	Status / Order	Interim CDO	PAB	Remarks	UPDATES
1	DENR-PAB Case No. 4b-00943- 19	Coco Beach Island Resort	Sitio Beluya, Brgy. Sabag, Puerto Galera, Oriental Mindoro	Water Pollution (RA 9275)	Interim CDO	06-Mar- 19	8 March 2019 affirm CDO	TLO for 60 days was issued on 05 April 2019.	As per PEMU Calapan, the project stopped its operation since 2019 and upon field validation, a poster containing “For Sale” was posted at the vicinity. and it was recommended by the inspector to submit an abandonment plan - May 25, 2022



WATER QUALITY STATUS



SABANG BAY FECAL COLIFORM

Station Identification	Feb 15	Mar 23	Apr 26	May 18	Jun 7	Jul 5	Jul 26	Aug 9	Sep 12	Oct 4	Geomean	WQG
East of Sabang	<1.8	<1.8	920	220	<1.8	49	23	33	*	49	23.02	100
Pier	33	<1.8	2,400	1,600	540	13	9.3	240	1,600	920	147.78	100
Central Sabang	<1.8	79	540	33	<1.8	<1.8	<1.8	13	11	6.1	10.03	100
West Sabang	<1.8	13	350	130	<1.8	<1.8	49	1.8	1,600	240	25.08	100
Small La Laguna	2	2	540	350	<1.8	<1.8	17	920	130	23	25.17	100
Big La Laguna	4.5	4.5	79	49	<1.8	<1.8	4.5	540	4.5	13	11.24	100
East Coco Beach	7.8	140	130	240	<1.8	2	79	11	9.3	<1.8	16.60	100
Coco Point	<1.8	2	49	350	<1.8	7.8	350	240	<1.8	1.8	13.48	100
Batangas Channel	7.8	4	240	240	<1.8	11	49	49	240	8.2	26.31	100
Paniquian	2	920	33	150	<1.8	46	170	34	<1.8	23	26.34	100
Overall Geomean											22.77	100

SABANG BAY PH VALUES

Station Identification	Feb 15	Mar 23	Apr 26	May 18	Jun 7	Jul 5	Jul 26	Aug 9	Sep 12	Oct 4	Average	WQG
East of Sabang	no data	8.23	8.28	8.2	8.16	8.08	8.16	8.4	No data	8.37	8.24	7.0-8.5
Pier	no data	8.21	8.33	8.18	8.14	8.15	8.18	8.32	8.24	8.23	8.22	7.0-8.5
Central Sabang	no data	8.31	8.41	8.12	8.2	8.17	8.2	8.24	8.3	8.5	8.27	7.0-8.5
West Sabang	no data	8.31	8.3	8.1	8.2	8.18	8.21	8.24	8.25	8.54	8.26	7.0-8.5
Small La Laguna	no data	8.25	8.35	8.12	8.17	8.12	8.19	8.25	8.24	8.24	8.21	7.0-8.5
Big La Laguna	no data	8.25	8.35	8.07	8.12	8.16	8.17	8.18	8.24	8.3	8.20	7.0-8.5
East Coco Beach	no data	8.25	8.33	8.12	8.11	8.15	8.17	8.22	8.24	8.22	8.20	7.0-8.5
Coco Point	no data	8.25	8.33	8.13	8.12	8.15	8.18	8.25	8.25	8.14	8.20	7.0-8.5
Batangas Channel	no data	8.26	8.31	8.12	8.07	8.12	8.19	8.29	8.23	8.12	8.19	7.0-8.5
Paniquian	no data	8.22	8.23	8.1	8.11	8.12	8.17	8.24	8.24	8.12	8.17	7.0-8.5
Overall Average											8.22	7.0-8.5

SABANG BAY DISSOLVED OXYGEN

Station Identification	Feb 15	Mar 23	Apr 26	May 18	Jun 7	Jul 5	Jul 26	Aug 9	Sep 12	Oct 4	Average	WQG
East of Sabang	no data	4.1	4.68	6.95	7.15	6.7	7.4	7.9	*	7.71	6.57	6
Pier	no data	4.67	5.44	7.8	6.85	6.65	7.1	8.15	7.55	5.29	6.61	6
Central Sabang	no data	5.8	5.85	6.55	8.3	6.9	6.7	6.95	8.4	8.26	7.08	6
West Sabang	no data	5.95	5.23	6.65	8.15	7.1	7.3	6.9	2.15	7.59	6.34	6
Small La Laguna	no data	4.2	5.21	7.6	6.55	7	6.7	7.95	7	5.02	6.36	6
Big La Laguna	no data	4.41	4.6	6.45	6.2	7.1	7.1	6.6	7.05	4.98	6.05	6
East Coco Beach	no data	5.01	4.95	6.55	6.95	6.6	7.1	6.35	6.9	4.35	6.08	6
Coco Point	no data	4.86	5.06	7.7	7.1	6.85	6.9	6.2	6.85	4.16	6.19	6
Batangas Channel	no data	5.45	5.12	6.35	6.3	6.2	7.1	7.05	6.8	4.15	6.06	6
Paniquian	no data	5.86	5.79	6.55	6.8	6.3	6.7	7.4	7.3	4.03	6.30	6
Overall Average											6.36	6

SABANG BAY TOTAL SUSPENDED SOLIDS

Station Identification	Feb 15	Mar 23	Apr 26	May 18	Jun 7	Jul 5	Jul 26	Aug 9	Sep 12	Oct 4	Average	WQG
East of Sabang	5	16	17	15	14	14	5	8	*	52	16.22	50
Pier	10	16	16	18	14	13	7	8	76	15	19.30	50
Central Sabang	7	16	15	16	18	10	16	12	30	22	16.20	50
West Sabang	7	20	4	14	16	10	21	10	38	16	15.60	50
Small La Laguna	13	16	14	14	14	9	14	6	16	11	12.70	50
Big La Laguna	10	25	14	12	14	6	16	8	16	12	13.30	50
East Coco Beach	3	18	12	16	13	7	38	14	16	16	15.30	50
Coco Point	7	17	18	7	15	9	14	10	18	8	12.30	50
Batangas Channel	7	14	10	11	13	8	10	12	12	20	11.70	50
Paniquian	8	18	13	4	14	10	12	10	16	12	11.70	50
Overall Average											14.43	50

SABANG BAY PHOSPHATE

Station Identification	Feb 15	Mar 23	Apr 26	May 18	Jun 7	Jul 5	Jul 26	Aug 9	Sep 12	Oct 4	Average	WQG
East of Sabang	no data	no data	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	*	<0.02	0.02	0.2
Pier	no data	no data	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.05	<0.02	0.02	0.2
Central Sabang	no data	no data	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.02	0.2
West Sabang	no data	no data	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.02	0.2
Small La Laguna	no data	no data	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.02	0.2
Big La Laguna	no data	no data	<0.02	<0.02	<0.02	<0.02	<0.02	0.02	<0.02	<0.02	0.02	0.2
East Coco Beach	no data	no data	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.02	0.2
Coco Point	no data	no data	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.02	0.2
Batangas Channel	no data	no data	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.02	0.2
Paniquian	no data	no data	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.02	0.2
Overall Average											0.02	0.2

SABANG BAY COLOR

Station Identification	Feb 15	Mar 23	Apr 26	May 18	Jun 7	Jul 5	Jul 26	Aug 9	Sep 12	Oct 4	Average	WQG
East of Sabang	5	5	5	5	5	5	5	5	*	5	5.00	50
Pier	5	5	5	5	5	5	5	5	5	5	5.00	50
Central Sabang	5	5	5	5	5	5	5	5	5	5	5.00	50
West Sabang	5	5	5	5	5	5	5	5	5	5	5.00	50
Small La Laguna	5	5	5	5	5	5	5	5	5	5	5.00	50
Big La Laguna	5	5	5	5	5	5	5	5	5	5	5.00	50
East Coco Beach	5	5	5	5	5	5	5	5	5	5	5.00	50
Coco Point	5	5	5	5	5	5	5	5	5	5	5.00	50
Batangas Channel	5	5	5	5	5	5	5	5	5	5	5.00	50
Paniquian	5	5	5	5	5	5	5	5	5	5	5.00	50
Overall Average											5.00	50

SAN ISIDRO BAY (WHITE BEACH) PH VALUES

Station Identification	Jan 26	Feb 15	Mar 23	Apr 26	May 18	Jun 7	Jul 5	Jul 26	Aug 9	Sept 12	Oct 4	Average	WQG
East	7.0	8.14	8.26	8.37	8.17	8.12	8.11	8.17	8.2	8.22	8.18	8.085	7.0-8.5
Central	7.0	8.24	8.25	8.34	8.15	8.11	8.12	8.18	8.2	8.2	8.16	8.086	7.0-8.5
West	7.0	8.18	8.24	8.32	8.2	8.1	8.13	8.19	8.2	8.23	8.16	8.086	7.0-8.5
Overall Average												8.09	7.0-8.5

SAN ISIDRO BAY (WHITE BEACH) DISSOLVED OXYGEN

Station Identification	Jan 26	Feb 15	Mar 23	Apr 26	May 18	Jun 7	Jul 5	Jul 26	Aug 9	Sept 12	Oct 4	Average	WQG
East	7.6	5.18	4.2	6.01	6.5	6.6	6.4	6.7	6.55	6.45	5.29	6.13	6
Central	6.4	5.25	4.18	6.35	6.75	6.5	6.4	6.9	6.6	6.65	5.21	6.11	6
West	4.5	5.95	4.25	6.79	6.9	6.35	6.55	6.5	6.25	6.6	5.1	5.98	6
Overall Average												6.07	6

SAN ISIDRO BAY (WHITE BEACH) TEMPERATURE

Station Identification	Jan 26	Feb 15	Mar 23	Apr 26	May 18	Jun 7	Jul 5	Jul 26	Aug 9	Sept 12	Oct 4	Average	WQG
East	no data	27.55	27.82	28.11	no data	no data	no data	no data	no data	no data	no data	27.83	26-30
Central	no data	27.63	28.65	27.96	no data	no data	no data	no data	no data	no data	no data	28.08	26-30
West	no data	28.06	28.57	27.76	no data	no data	no data	no data	no data	no data	no data	28.13	26-30
Overall Average												28.01	26-30

SAN ISIDRO BAY (WHITE BEACH) TSS

Station Identification	Jan 26	Feb 15	Mar 23	Apr 26	May 18	Jun 7	Jul 5	Jul 26	Aug 9	Sept 12	Oct 4	Average	WQG
East	12.0	18	16	16	18	64	32	12	52	35	12	26.09	50
Central	18.0	5	17	12	26	30	30	14	63	55	14	25.82	50
West	15.0	12	18	16	347	22	20	12	112	36	26	57.82	50
Overall Average												36.58	50

SAN ISIDRO BAY (WHITE BEACH) PHOSPHATES

Station Identification	Jan 26	Feb 15	Mar 23	Apr 26	May 18	Jun 7	Jul 5	Jul 26	Aug 9	Sept 12	Oct 4	Average	WQG
East	no data	no data	no data	<0.02	<0.02	0.09	<0.02	<0.02	0.02	<0.02	<0.02	0.03	0.2
Central	no data	no data	no data	<0.02	<0.02	<0.02	<0.02	<0.02	0.05	<0.02	<0.02	0.02	0.2
West	no data	no data	no data	<0.02	0.45	<0.02	<0.02	<0.02	0.1	0.04	0.03	0.09	0.2
Overall Average												0.05	0.2

SAN ISIDRO BAY (WHITE BEACH) COLOR

Station Identification	Jan 26	Feb 15	Mar 23	Apr 26	May 18	Jun 7	Jul 5	Jul 26	Aug 9	Sept 12	Oct 4	Average	WQG
East	5	5	5	5	5	5	5	5	5	5	5	5.00	50
Central	5	5	5	5	5	5	5	5	5	5	5	5.00	50
West	5	5	5	5	5	5	5	5	5	5	5	5.00	50
Overall Average												5.00	50

SAN ISIDRO BAY (WHITE BEACH) FECAL COLIFORM

Station Identification	Jan 26	Feb 15	Mar 23	Apr 26	May 18	Jun 7	Jul 5	Jul 26	Aug 9	Sept 12	Oct 4	Average	WQG
East	<1.8	13	32	240	84	33	13	27	220	240	<1.8	29.52	100
Central	<1.8	1.8	22	49	>1,600	1,600	33	70	920	110	<1.8	48.33	100
West	<1.8	23	21	2,400	>1,600	70	1,600	4.5	540	540	22	100.18	100
Overall Average												52.28	100

MUELLE BAY PH VALUES

Station Identification	Jan 26	Feb 15	Mar 23	Apr 26	May 18	Jun 7	Jul 5	Jul 26	Aug 9	Sept 12	Oct 4	Average	WQG
East Muelle	7.0	8.27	8.25	8.37	no data	no data	no data	no data	no data	no data	no data	7.97	7.0-8.5
Central Boquete	7.0	8.28	8.25	8.33	no data	no data	no data	no data	no data	no data	no data	7.97	7.0-8.5
West Asinan	7.0	8.29	8.14	8.3	no data	no data	no data	no data	no data	no data	no data	7.93	7.0-8.5
Overall Average												7.96	7.0-8.5

Station Identification	Jan 26	Feb 15	Mar 23	Apr 26	May 18	Jun 7	Jul 5	Jul 26	Aug 9	Sept 12	Oct 4	Average	WQG
East Muelle	6.6	6.05	7.91	6.13	6.55	5.35	6.2	6.2	5.85	6.55	4.15	6.14	6
Central Boquete	7.3	6.86	7.24	6.49	6.3	6.2	6.15	6.6	6.05	6.25	4.07	6.32	6
West Asinan	6.6	7.27	6.82	6.76	6.55	5.85	6.3	6.9	6.05	6.65	4.53	6.39	6
Overall Average												6.28	6

Station Identification	Jan 26	Feb 15	Mar 23	Apr 26	May 18	Jun 7	Jul 5	Jul 26	Aug 9	Sept 12	Oct 4	Average	WQG
East Muelle	no data	26.54	26.97	28.57	no data	no data	no data	no data	no data	no data	no data	27.36	26-30
Central Boquete	no data	26.36	27.43	28.4	no data	no data	no data	no data	no data	no data	no data	27.40	26-30
West Asinan	no data	26.5	27.29	28.69	no data	no data	no data	no data	no data	no data	no data	27.49	26-30
Overall Average												27.42	26-30

MUELLE BAY FECAL COLIFORM

Station Identification	Jan 26	Feb 15	Mar 23	Apr 26	May 18	Jun 7	Jul 5	Jul 26	Aug 9	Sept 12	Oct 4	Average	WQG
East Muelle	2.0	2	<1.8	1,600	<1.8	<1.8	48	920	7.8	1,600	<1.8	16.77	20
Central Boquete	4.0	<1.8	<1.8	49	<1.8	<1.8	6.8	240	<1.8	2	<1.8	4.50	20
West Asinan	<1.8	<1.8	4.5	540	<1.8	<1.8	7.8	4.5	2	<1.8	4.5	4.36	20
Overall Average												6.91	20

TIMBUGAN CREEK

Parameter, Unit	1 st Semester	Water Quality Guidelines
Fecal Coliform, MPN/100mL	11771.68	200
Color, TCU	24.55	75
Dissolved Oxygen (DO), mg/L	6.37	5
Total Suspended Solids, mg/L	366.45	80
Biochemical Oxygen Demand, mg/L	9.43	7
Phosphates, mg/L	1.00	0.025
Nitrates, mg/L	11.62	7
pH	7.95	6.5 – 9.0
Temperature, °C	28.11	25 – 31



OTHER MATTERS



