



Republic of the Philippines
Department of Environment and Natural Resources
ENVIRONMENTAL MANAGEMENT BUREAU
Regional Office No. VIII
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MEMORANDUM

ENVIRONMENTAL MANAGEMENT BUREAU
RELEASED BY: *[Signature]*
DATE: 6/28/2022
TIME: 8:29am

FOR : **ENGR. WILLIAM P. CUÑADO**
Director
Environmental Management Bureau
DENR Compound, Visayas Avenue
Diliman, Quezon City

Attention : **Environmental Quality Division**
Water Quality Management Section

FROM : **The OIC-Regional Director**
EMB Region VIII

SUBJECT : **Second Quarter Consolidated Monitoring Results for the
Waterbody Classification Program**

DATE : **June 27, 2022**

Submitting herewith is the second quarter monitoring results for San Pedro Bay under Waterbody Classification Monitoring Program in Region VIII.

For his information.

[Signature]
ENGR. REYNALDO B. BARRA



DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
ENVIRONMENTAL MANAGEMENT BUREAU REGION 8
DENR Compound, Brgy. 2, Tacloban City

WATERBODY CLASSIFICATION REPORT (QUARTERLY)

1st Quarter Water Quality Monitoring of San Pedro Bay

CY 2022

Parameter	Stn. No.	Stn. ID	APRIL	MAY	JUNE	Average	Min	Max	Criterion
Priority River (Class C) 4 stations									
DO mg/L	1	Sta. 1 (Brgy. Tanghas, Tolosa)	6.30	6.00	6.00	6.10	6.00	6.30	For Classification
	2	Sta. 2 (Brgy. Buntay, Tanuan)	5.59	6.15	6.05	5.93	5.59	6.15	
	3	Sta. 3 (Brgy. Baras, Palo)	6.00	5.55	5.55	5.70	5.55	6.00	
	4	Sta. 4 (Brgy. 88, Tacloban)	7.35	7.00	7.00	7.12	7.00	7.35	
	5	Sta. 5 (Brgy. Pinalanga, Marabut)	6.00	7.23	7.15	6.79	6.00	7.23	
	6	Sta. 6 (Brgy. Caluwayan, Marabut)	5.45	5.55	5.12	5.37	5.12	5.55	
	7	Sta. 7 (Brgy. Balud, Basey)	6.32	6.66	5.45	6.14	5.45	6.66	
TSS mg/L	1	Sta. 1 (Brgy. Tanghas, Tolosa)	425.00	55.00	52.00	177.33	52.00	425.00	For Classification
	2	Sta. 2 (Brgy. Buntay, Tanuan)	205.00	31.00	24.00	86.67	24.00	205.00	
	3	Sta. 3 (Brgy. Baras, Palo)	174.00	16.00	74.00	88.00	16.00	174.00	
	4	Sta. 4 (Brgy. 88, Tacloban)	18.00	11.00	114.00	47.67	11.00	114.00	
	5	Sta. 5 (Brgy. Pinalanga, Marabut)	50.00	81.00	626.00	252.33	50.00	626.00	
	6	Sta. 6 (Brgy. Caluwayan, Marabut)	24.00	5.00	15.00	14.67	5.00	24.00	
	7	Sta. 7 (Brgy. Balud, Basey)	12.00	ND	16.00	14.00	12.00	16.00	
pH	1	Sta. 1 (Brgy. Tanghas, Tolosa)	7.93	7.56	7.91	7.80	7.56	7.93	For Classification
	2	Sta. 2 (Brgy. Buntay, Tanuan)	7.99	8.00	7.74	7.91	7.74	8.00	
	3	Sta. 3 (Brgy. Baras, Palo)	7.75	7.23	7.79	7.59	7.23	7.79	
	4	Sta. 4 (Brgy. 88, Tacloban)	8.08	8.00	7.92	8.00	7.92	8.08	
	5	Sta. 5 (Brgy. Pinalanga, Marabut)	7.89	7.21	7.78	7.63	7.21	7.89	
	6	Sta. 6 (Brgy. Caluwayan, Marabut)	7.88	7.58	7.83	7.76	7.58	7.88	
	7	Sta. 7 (Brgy. Balud, Basey)	8.01	7.40	7.78	7.73	7.40	8.01	
Fecal Coliform	1	Sta. 1 (Brgy. Tanghas, Tolosa)	1700.00	1300.00	78.00	1026.00	78.00	1700.00	For Classification
	2	Sta. 2 (Brgy. Buntay, Tanuan)	1300.00	>16000	5400.00	3350.00	1300.00	5400.00	
	3	Sta. 3 (Brgy. Baras, Palo)	16000.00	5400.00	5400.00	8933.33	5400.00	16000.00	
	4	Sta. 4 (Brgy. 88, Tacloban)	110.00	940.00	700.00	583.33	110.00	940.00	
	5	Sta. 5 (Brgy. Pinalanga, Marabut)	5400.00	5400.00	>16000	5400.00	5400.00	5400.00	
	6	Sta. 6 (Brgy. Caluwayan, Marabut)	78.00	230.00	1300.00	536.00	78.00	1300.00	
	7	Sta. 7 (Brgy. Balud, Basey)	20.00	330.00	16000.00	5450.00	20.00	16000.00	
	1	Sta. 1 (Brgy. Tanghas, Tolosa)	27.30	27.15	28.10	27.52	27.15	28.10	
	2	Sta. 2 (Brgy. Buntay, Tanuan)	27.15	27.56	28.00	27.57	27.15	28.00	
	3	Sta. 3 (Brgy. Baras, Palo)	27.29	27.90	27.95	27.71	27.29	27.95	

Temp. °C (b)	4	Sta. 4 (Brgy.88, Tacloban)	28.00	28.10	27.90	28.00	27.90	28.10	For Classification
	5	Sta. 5 (Brgy. Pinalanga, Marabut)	28.01	28.15	27.31	27.82	27.31	28.15	
	6	Sta. 6 (Brgy. Caluwayan, Marabut)	27.45	27.95	27.30	27.57	27.30	27.95	
	7	Sta. 7 (Brgy. Balud, Basey)	27.82	28.53	27.10	27.82	27.10	28.53	
Color	1	Sta. 1 (Brgy. Tanghas, Tolosa)	5.00	10.00	5.00	6.67	5.00	10.00	For Classification
	2	Sta. 2 (Brgy. Buntay, Tanuan)	5.00	15.00	5.00	8.33	5.00	15.00	
	3	Sta. 3 (Brgy. Baras, Palo)	5.00	5.00	15.00	8.33	5.00	15.00	
	4	Sta. 4 (Brgy.88, Tacloban)	5.00	5.00	5.00	5.00	5.00	5.00	
	5	Sta. 5 (Brgy. Pinalanga, Marabut)	5.00	5.00	5.00	5.00	5.00	5.00	
	6	Sta. 6 (Brgy. Caluwayan, Marabut)	5.00	5.00	5.00	5.00	5.00	5.00	
	7	Sta. 7 (Brgy. Balud, Basey)	5.00	5.00	5.00	5.00	5.00	5.00	
Nitrate	1	Sta. 1 (Brgy. Tanghas, Tolosa)	ND	0.04	0.15	0.10	0.04	0.15	For Classification
	2	Sta. 2 (Brgy. Buntay, Tanuan)	ND	0.10	0.09	0.10	0.09	0.10	
	3	Sta. 3 (Brgy. Baras, Palo)	ND	0.01	0.01	0.01	0.01	0.01	
	4	Sta. 4 (Brgy.88, Tacloban)	ND	0.15	0.18	0.17	0.15	0.18	
	5	Sta. 5 (Brgy. Pinalanga, Marabut)	ND	0.26	0.22	0.24	0.22	0.26	
	6	Sta. 6 (Brgy. Caluwayan, Marabut)	ND	0.18	0.26	0.22	0.18	0.26	
	7	Sta. 7 (Brgy. Balud, Basey)	ND	0.08	0.26	0.17	0.08	0.26	
Phosphate	1	Sta. 1 (Brgy. Tanghas, Tolosa)	0.03	0.06	0.00	0.03	0.00	0.06	For Classification
	2	Sta. 2 (Brgy. Buntay, Tanuan)	0.03	0.22	0.00	0.08	0.00	0.22	
	3	Sta. 3 (Brgy. Baras, Palo)	0.05	0.10	0.07	0.07	0.05	0.10	
	4	Sta. 4 (Brgy.88, Tacloban)	0.01	0.04	0.00	0.01	0.00	0.04	
	5	Sta. 5 (Brgy. Pinalanga, Marabut)	0.01	0.07	0.02	0.03	0.01	0.07	
	6	Sta. 6 (Brgy. Caluwayan, Marabut)	0.01	0.02	0.00	0.01	0.00	0.02	
	7	Sta. 7 (Brgy. Balud, Basey)	0.00	0.01	0.00	0.00	0.00	0.01	

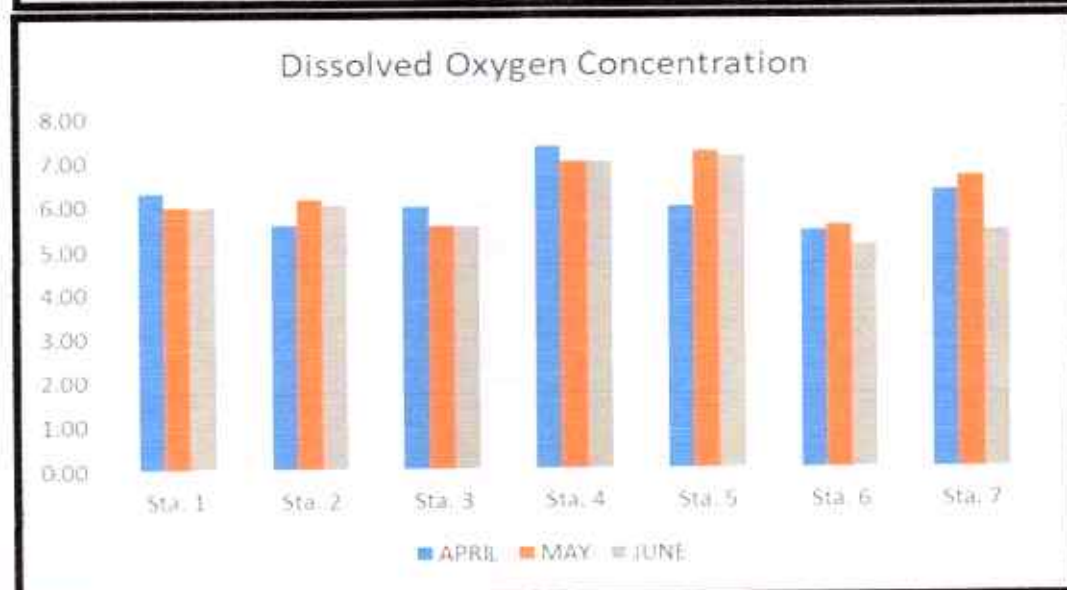
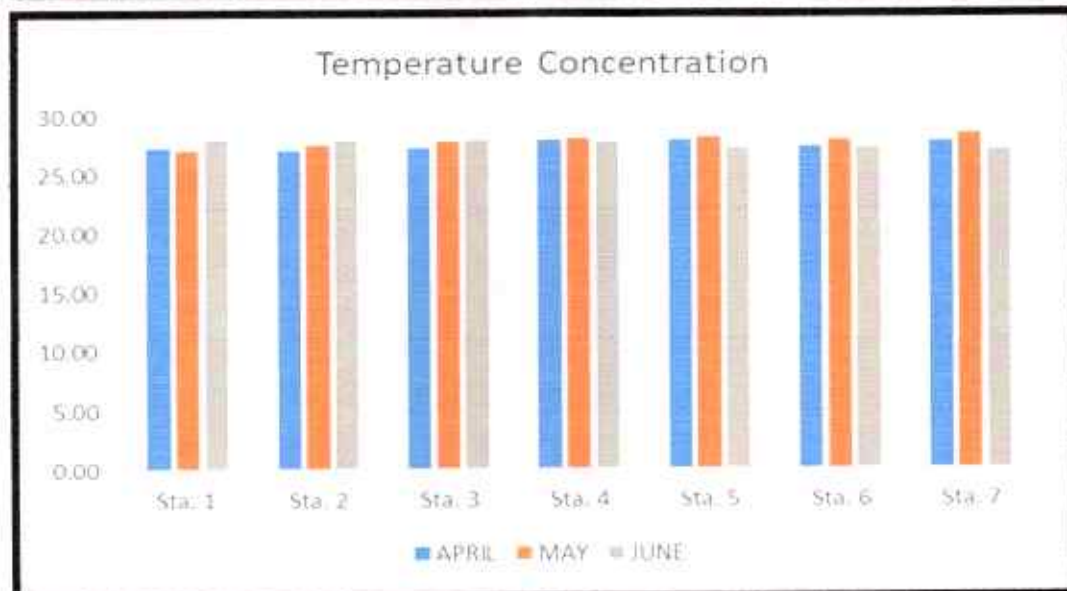
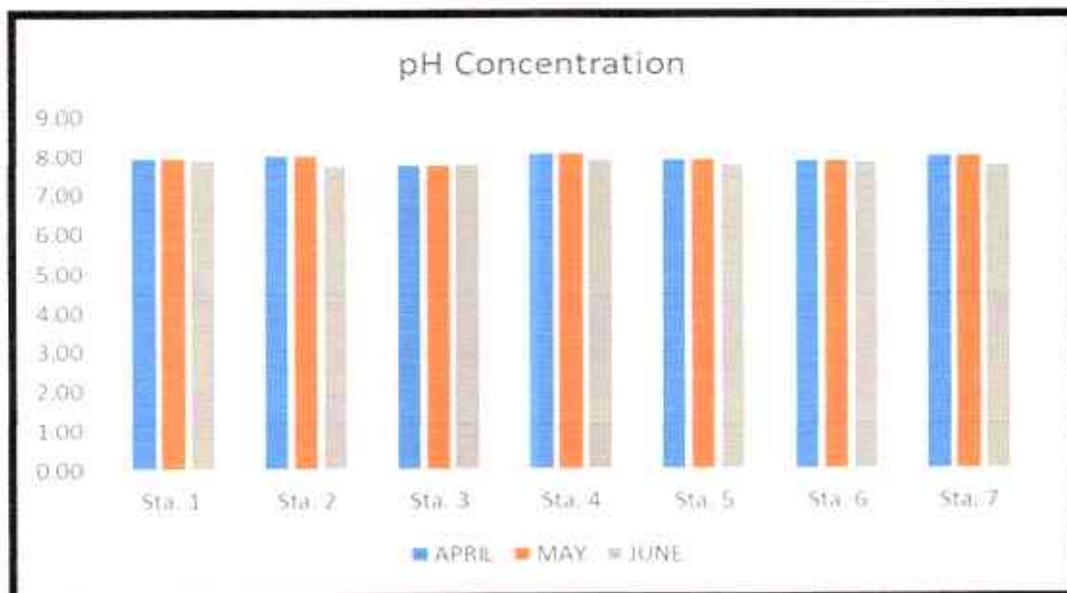
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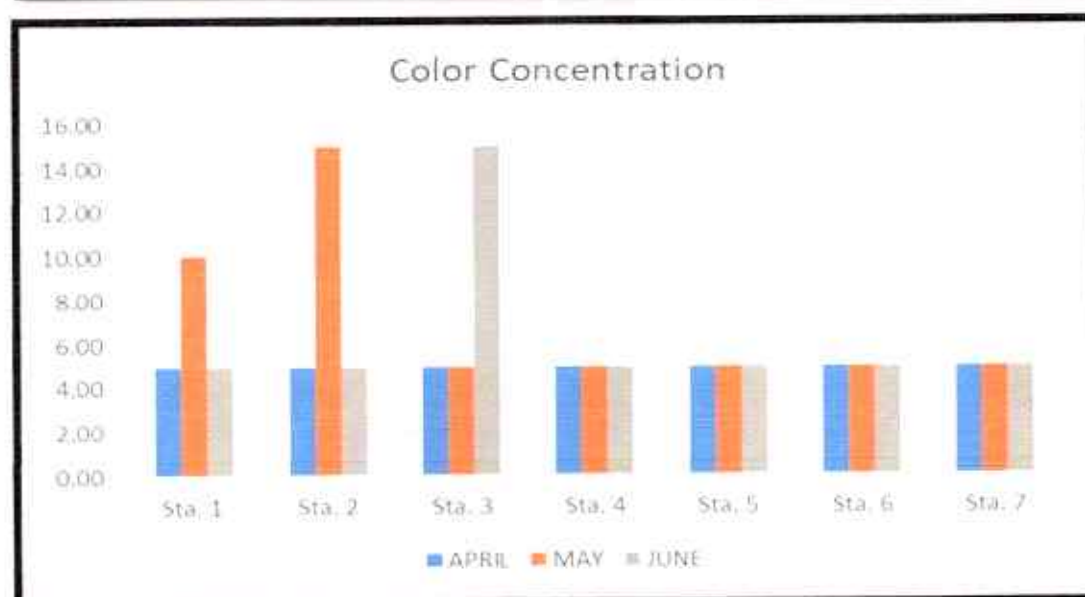
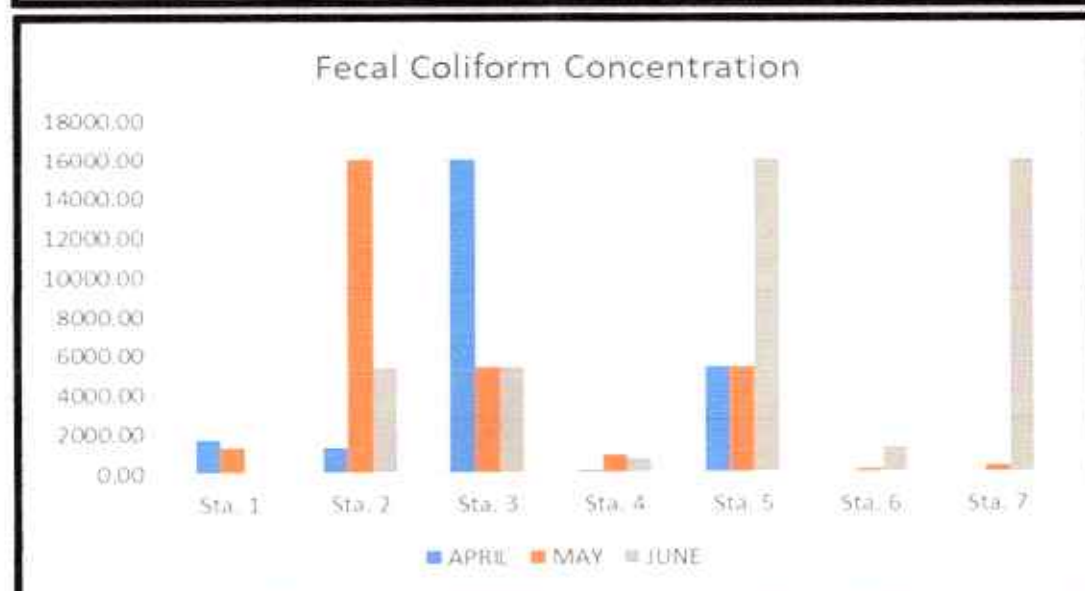
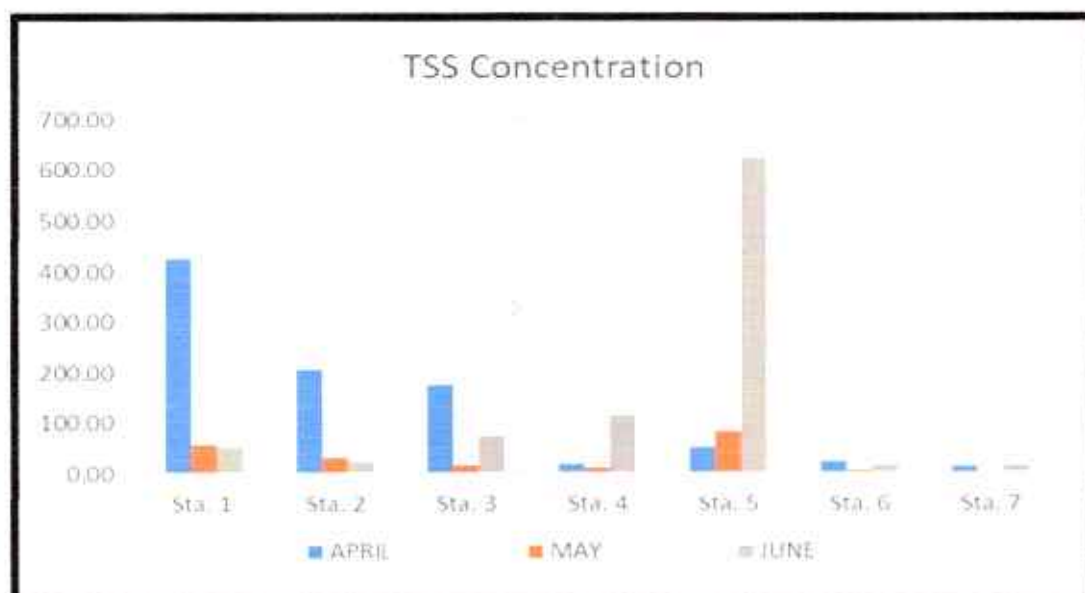
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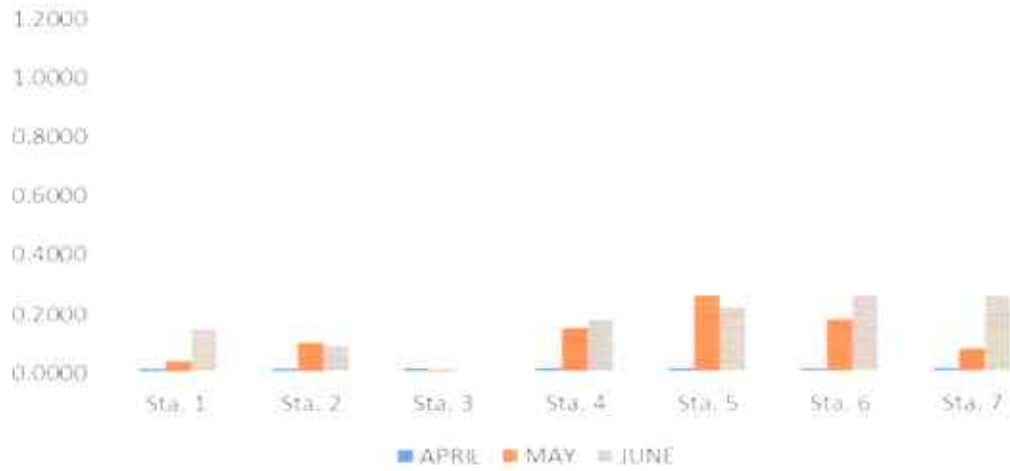
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SECOND QUARTER RESULTS OF SAN PEDRO BAY IN GRAPH PRESENTATIONS

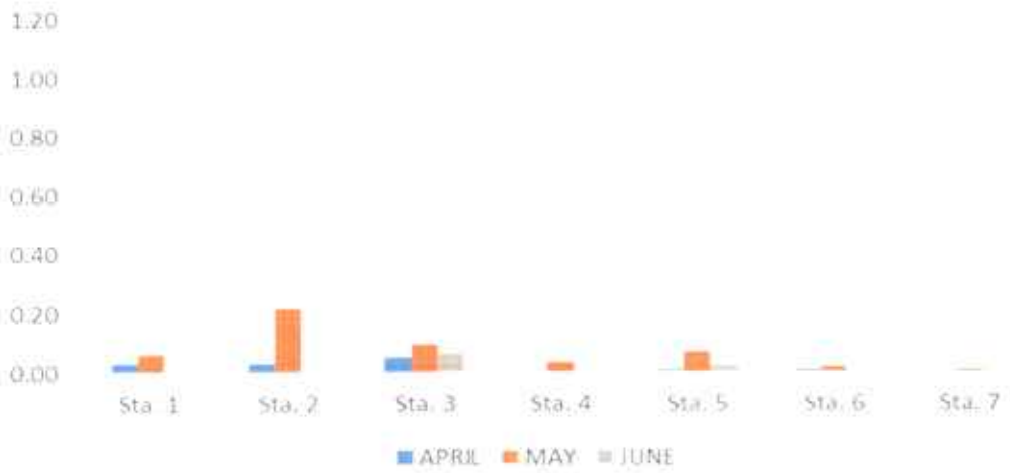




Nitrate Concentration



Phosphate Concentration



San Pedro Bay is under Water Body Classification for CY 2022