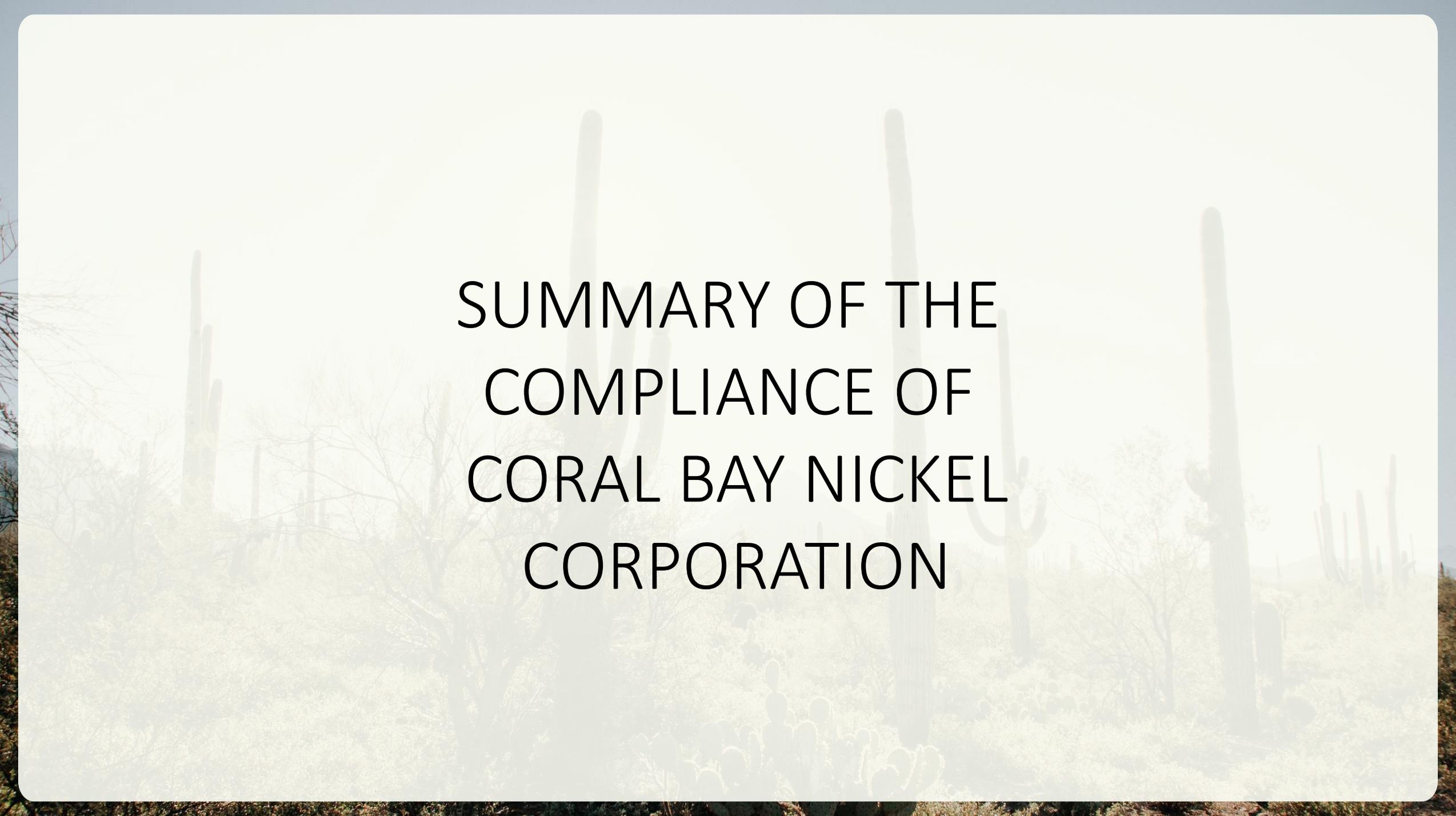


CORAL BAY NICKEL CORPORATION

3Q2022 MMT

November 21-25, 2022



SUMMARY OF THE
COMPLIANCE OF
CORAL BAY NICKEL
CORPORATION

COMPLIANCE TO PD 1586:(PHILIPPINE ENVIRONMENTAL IMPACT ASSESSMENT SYSTEM)

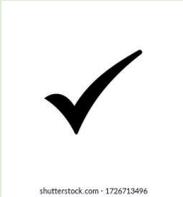
Proponent: **CORAL BAY NICKEL CORPORATION**
Project Name: Lines 1 and 2 of CBNC Hydrometallurgical Processing Plant Project
Location: Brgy. Riotuba, Bataraza, Palawan

ENVIRONMENTAL LAW	PERMITS	PERMIT NO.	DATE OF ISSUANCE
PD 1586	ECC 1	ECC-0701-002-3721	February 15, 2008
	ECC 2	CO-1806-0014	December 20, 2018

ECC Conditions	Complied	Not Complied	Remarks
<p>1. Management of all external, chemical and processes and health hazards identified in the Environmental Risk Assessment (ERA) of its EPRMP and in case of emergency, address immediately for the protection of the workers, nearby residents, and sensitive ecosystem.</p>			<p>The health hazard identified in the ERA is addressed, there was reported minor H2S Gas Leak and it was immediately addressed and an immediate contingency activities was conducted</p>
<p>2. Undertake an effective and continuing Information, Education and Communications (IEC) Program to inform and educate all stakeholders, especially its local residents, on the project's mitigating measures embodied in the EPRMP, as well as the conditions stipulated in this Certificate, the greater awareness, understanding and continued acceptance of the project.</p>			<p>IEC was conducted to the community and to the MMT members</p>
<p>3. Observe good vegetative practices, proper land use, and sound soil management. All used/open areas in the site shall be planted with appropriate species. Direct use of the recovered top soil for re-soiling or as soil cover on waste dumps, and for camp beautification in general shall be undertaken. Stockpiling on designated suitable areas shall be done and temporarily vegetated to protect the soil from erosion.</p>			<p>TSF1 was successfully rehabilitated and continuous to maintain. The CBNC also enter into a MOA to the DENR CENRO for a Greening Program. Stockpiling on their designated areas are observed.</p>

ECC Conditions	Complied	Not Complied	Remarks
<p>4. The plant operations shall conform with the provisions of RA 6969 (Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990), RA 9003 (Act Providing for an Ecological Solid Waste Management Program), RA 9275 (Philippine Clean Water Act of 2004, and RA 8749 (Philippine Clean Air Act of 1999)</p>			<p>The plant conformed to the laws of the EMB, the project secured valid PTO, DP, DENR ID, and have a designated disposal facilities for the solid waste facilities</p>
<p>5. The proponent shall strictly comply with the environmental management and protection provisions of the Philippine Mining Act of 1995 (RA 7942) and its revised implementing rules and regulations (DAO 9640), as amended, as well as the pertinent provisions of the Memorandum of Agreement (MOA) between EMB and MGB executed on 16 April 1998, such as, but not limited to, the following;</p>			<p>CBNC is continuously comply with the Environmental management and protection provisions of the Mining Act of 1995 and its IRR</p>
<p>A. Submission of a revised Environmental Protection and Enhancement Program (EPEP), including Final Mine Rehabilitation/Decommissioning Plan (FMR/DP), to reflect the inclusion of Line 2 of the HPP within thirty (30) calendar days from receipt of this Certificate to the MGB/EMB Offices, for approval.</p>			<p>Submitted</p>

ECC Conditions	Complied	Not Complied	Remarks
<p>B. Submission of a revised Social Development and management Program (SDMP) within thirty (30) calendar days prior to the expiration of the existing SDMP to the MGB Regional Office No. IVB, which shall include appropriate skills training and job preparation projects as part of its livelihood support program, for approval; and,</p>			Submitted
<p>C. The Mine Environmental Protection and Enhancement Office (MEPEO) shall submit to EMB and the EMB Region IVB monitoring reports on environmental compliance of the proponent as well as with the EMMoPs. The MEPEO shall also monitor the actual projects impacts vis-à-vis the predicted impacts and management measures in the EIS and EPRMP, including monitoring of flora and fauna diversity;</p>			The EPEP was submitted
<p>6. The proponent shall provide a high-resolution imagery of the project and impact areas within one year after the approval of this Certificate, and every five (5) years thereafter, to show the impacts of the project on the physical, social and economic environment.</p>			The imagery was posted to their billboard and it always present to the MMT meeting

ECC Conditions	Complied	Not Complied	Remarks
<p>Restriction No. 1</p> <p>In case of transfer of ownership of this project, these same conditions and restrictions shall apply and the transferee shall be required to notify the EMB within fifteen (15) days as regards the transfer of ownership.</p>	 <small>shutterstock.com - 1726713496</small>		As of date, the firm does not have plans of transfer

PHOTOS DURING INSPECTION



MMT Site Inspection



MMT Safety Orientation



Inspection on site

COMPLIANCE TO RA 8749: PHILIPPINE CLEAN AIR ACT

ENVIRONMENTAL LAW	PERMITS	PERMIT NO.	DATE OF ISSUANCE	DATE OF EXPIRATION
RA 8749	Permit to Operate	PTO-OL-R4B-2021-02519-R	April 26, 2021	April 26, 2023
		2019-POA-D-0453-168	September 09, 2019	March 21, 2023
		2018-POA-D-0453-168	September 17, 2018	September 17, 2023

COMPLIANCE TO RA 8749: PHILIPPINE CLEAN AIR ACT

Findings and Observation

- Conditions in the existing Permit to Operate are complied
- Generator Sets used in the construction of TSF 3 such as. (6-Units 200 KVA Gensets, 6-units 300 KVA Genset) should have a Permit to Operate
- Copies of PTO should be posted in the generator sets especially in the Pier Site
- Other machinery equipment's not included in the existing PTO that could potentially emit emissions such as Particulates (Machinery components of the Ore-Preparation, and equipment's in other process area) should added and register for a Permit to Operate (PTO)

Recommendations

- Continuous to comply with the PTO Conditions
- Follow up the application for a PTO, It should be submitted to the OPMS online
- Please post copy of PTO in the genset installed in the pier side.
- Please add the machinery/equipment's to and Permit to Operate

COMPLIANCE TO RA 9275:PHILIPPINE CLEAN WATER ACT

ENVIRONMENTAL LAW	PERMITS	PERMIT NO.	DATE OF ISSUANCE	DATE OF EXPIRATION
RA 9275	Discharge Permit	DP-R4B-18- 00203	July 20, 2018	July 20,2023

Findings and Observation

- Conditions in the existing Discharge Permit is complied

Recommendations

Continuous to comply with the DP Conditions

COMPLIANCE TO RA 6969: TOXIC SUBSTANCES AND HAZARDOUS AND NUCLEAR WASTES

ENVIRONMENTAL LAW	PERMITS	PERMIT NO.	DATE OF ISSUANCE	DATE OF EXPIRATION
RA 6969	Hazardous Waste Generator ID	OL-GR-R4B-53-005264	September 24, 2020	
	Transporter Registration	OL-TP-R3-69-000129	December 20, 2021	December 20, 2022
	TSD Registration	OL-TR-R3-69-000094	December 20, 2021	December 20, 2022
	CCO Registry	COR-CEN-CR-2022-00086	March 10, 2022	

RA 6969 (COMPLIANCE TO TOXIC AND HAZARDOUS WASTE MANAGEMENT)

Findings and Observation

Recommendations

- | | |
|---|---|
| <ul style="list-style-type: none">• DENR ID online is secured | Continuously to implement the compliance to its DENR ID |
| <ul style="list-style-type: none">• Hazardous waste vessel/ drums in beside the MRF located inside the plant site should have equipped with proper label (Yellow Sticker) | Established stickers even the HWG Vessel is temporary or not, so that for identification purposes |
| <ul style="list-style-type: none">• Other vessel in the Designated Storage Area doesn't have Hazardous waste label (Please see photo) | Established stickers in the vessel without label |
| <ul style="list-style-type: none">• HWG Inventory are updated and HWG Online ID is posted | Continuous to update always the HWG Inventory |



Hazardous waste vessel without the proper label (yellow sticker)



Hazardous waste vessel without the proper label (yellow sticker)



Hazardous waste vessel with proper labelling



AIR AND WATER SAMPLING RESULTS





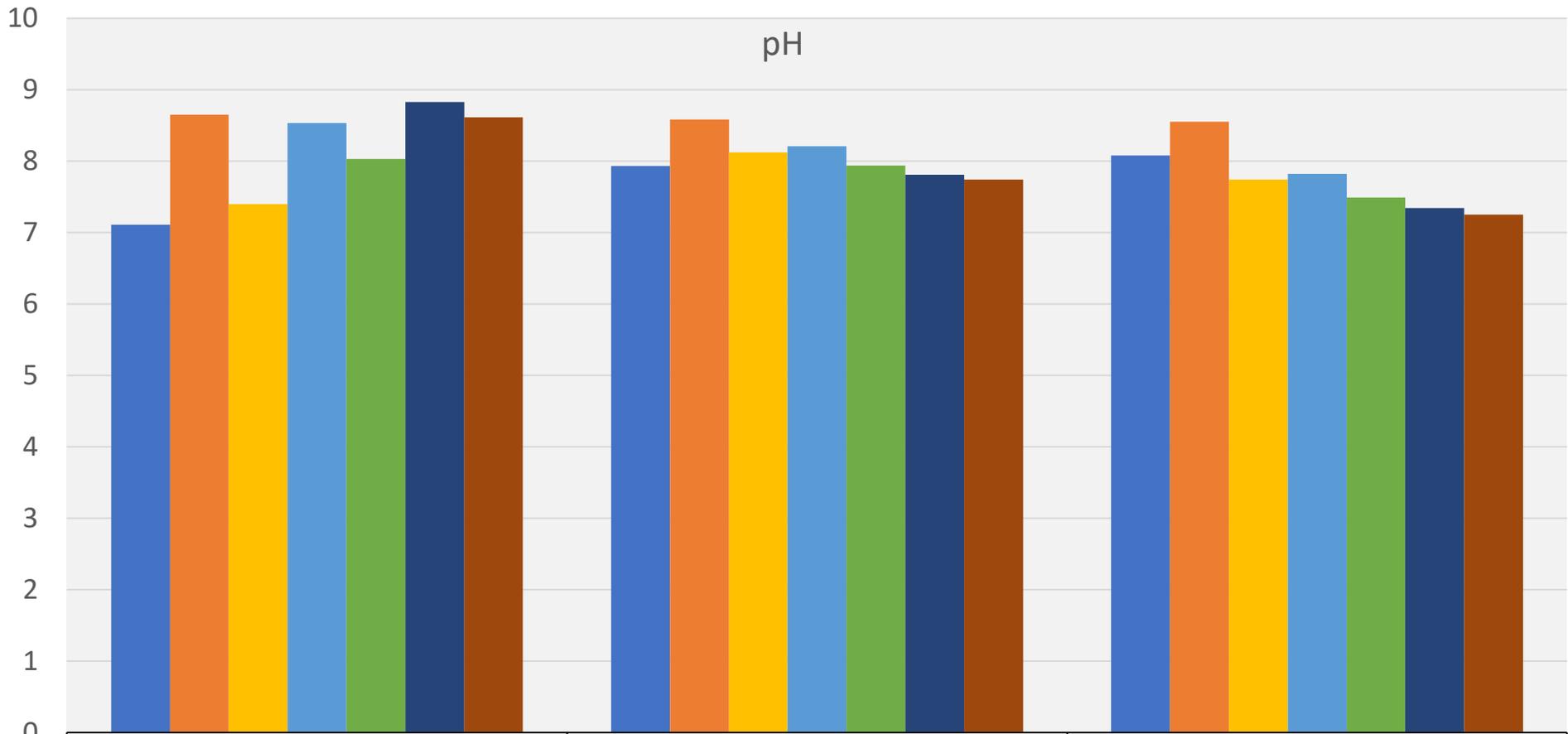
WATER QUALITY PARAMETERS

PSIC Code 24220 : Temperature, pH, COD, Total Suspended Solids, Selenium, Manganese, Iron, Nickel, Copper, Zinc, Arsenic, Cadmium, Mercury, Lead



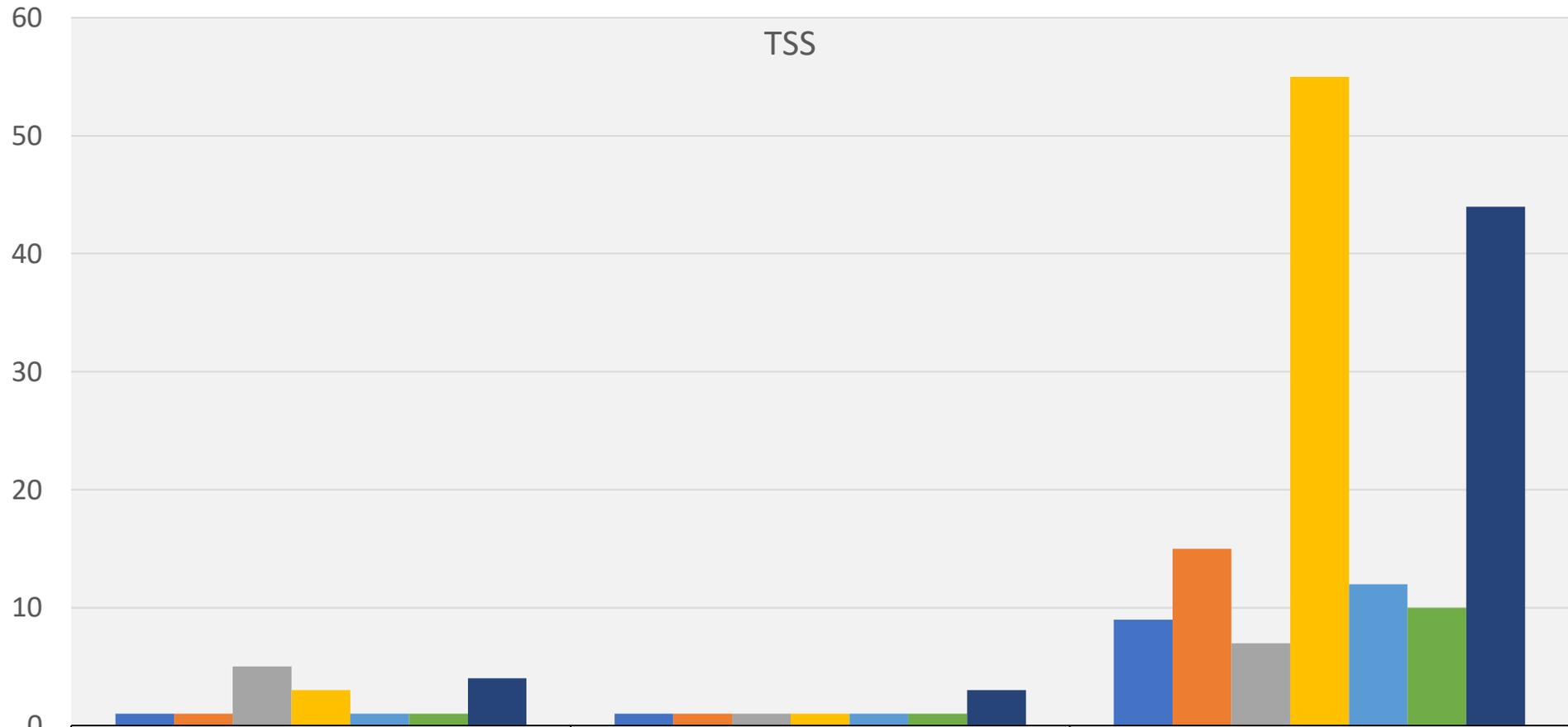
WATER SAMPLING

Collection of water samples and on-site measurements of water quality was conducted on November 23, 2022, taken 1:00pm until 4:00pm in Cloudy and light sunny weather was noted.



	S1A- Ibelnan Intake Dam	S12- CBNC Effluent	E- Supernatant at Causeway
1Q2021	7.11	7.93	8.08
2Q2021	8.65	8.58	8.55
4Q2021	7.4	8.12	7.74
1Q2022	8.53	8.21	7.82
2Q2022	8.03	7.94	7.49
3Q2022	8.83	7.81	7.34
4Q2022	8.61	7.74	7.25

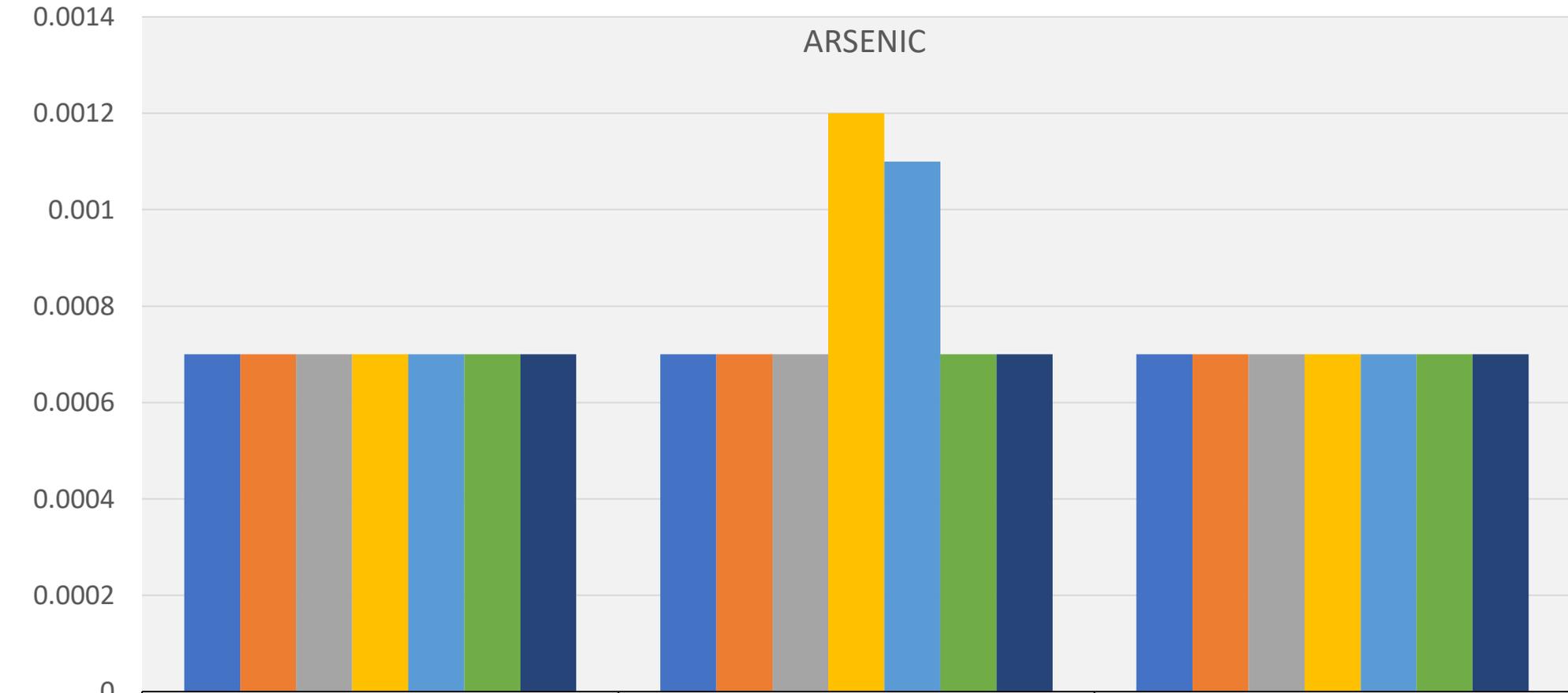
DENR STANDARD: 6.5-9.0



	S1A- Ibelnan Intake Dam	S12- CBNC Effluent	E- Supernatant at Causeway
■ 1Q2021	1	1	9
■ 2Q2021	1	1	15
■ 4Q2021	5	1	7
■ 1Q2022	3	1	55
■ 2Q2022	1	1	12
■ 3Q2022	1	1	10
■ 4Q2022	4	3	44

DENR STANDARD: 80 mg/l 100 mg/L

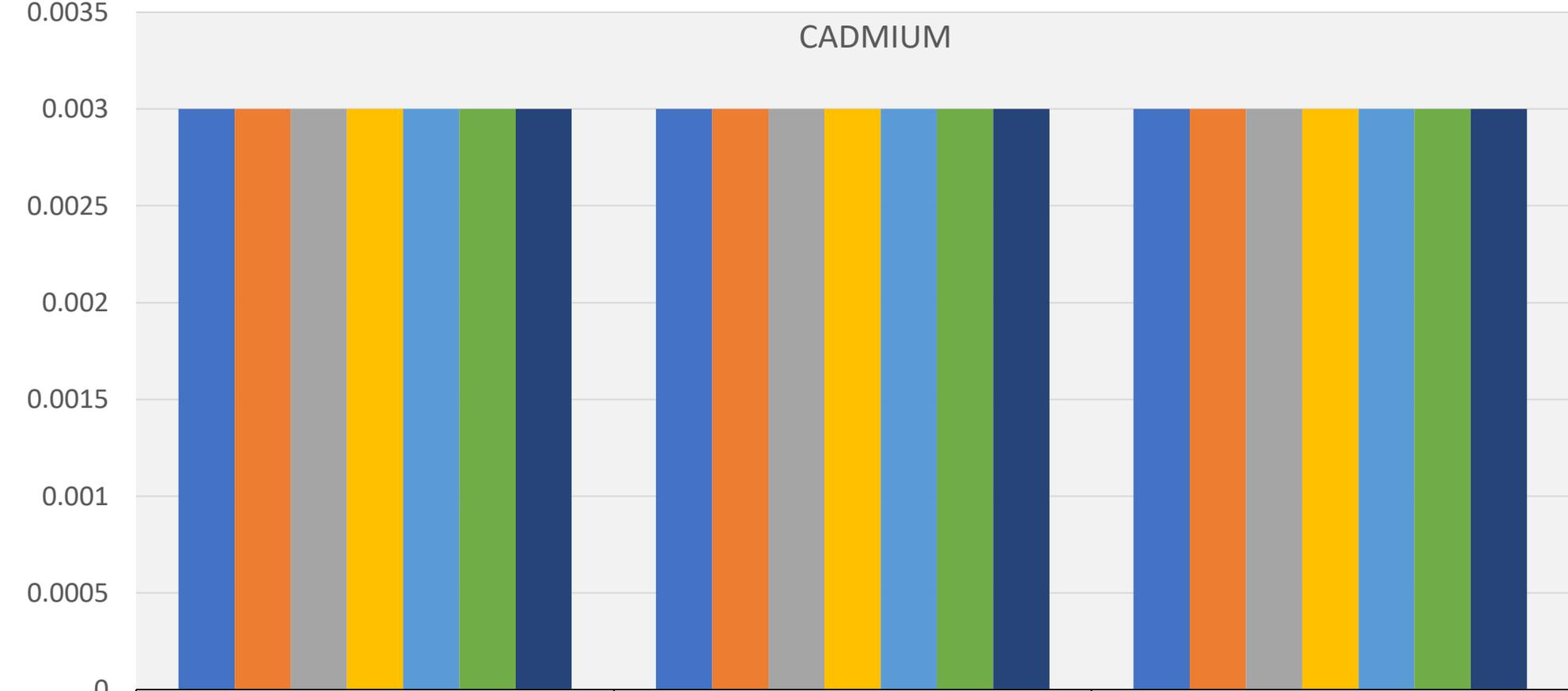
ARSENIC



	S1A- Ibelnan Intake Dam	S12- CBNC Effluent	E- Supernatant at Causeway
1Q2021	0.0007	0.0007	0.0007
2Q2021	0.0007	0.0007	0.0007
4Q2021	0.0007	0.0007	0.0007
1Q2022	0.0007	0.0012	0.0007
2Q2022	0.0007	0.0011	0.0007
3Q2022	0.0007	0.0007	0.0007
4Q2022	0.0007	0.0007	0.0007

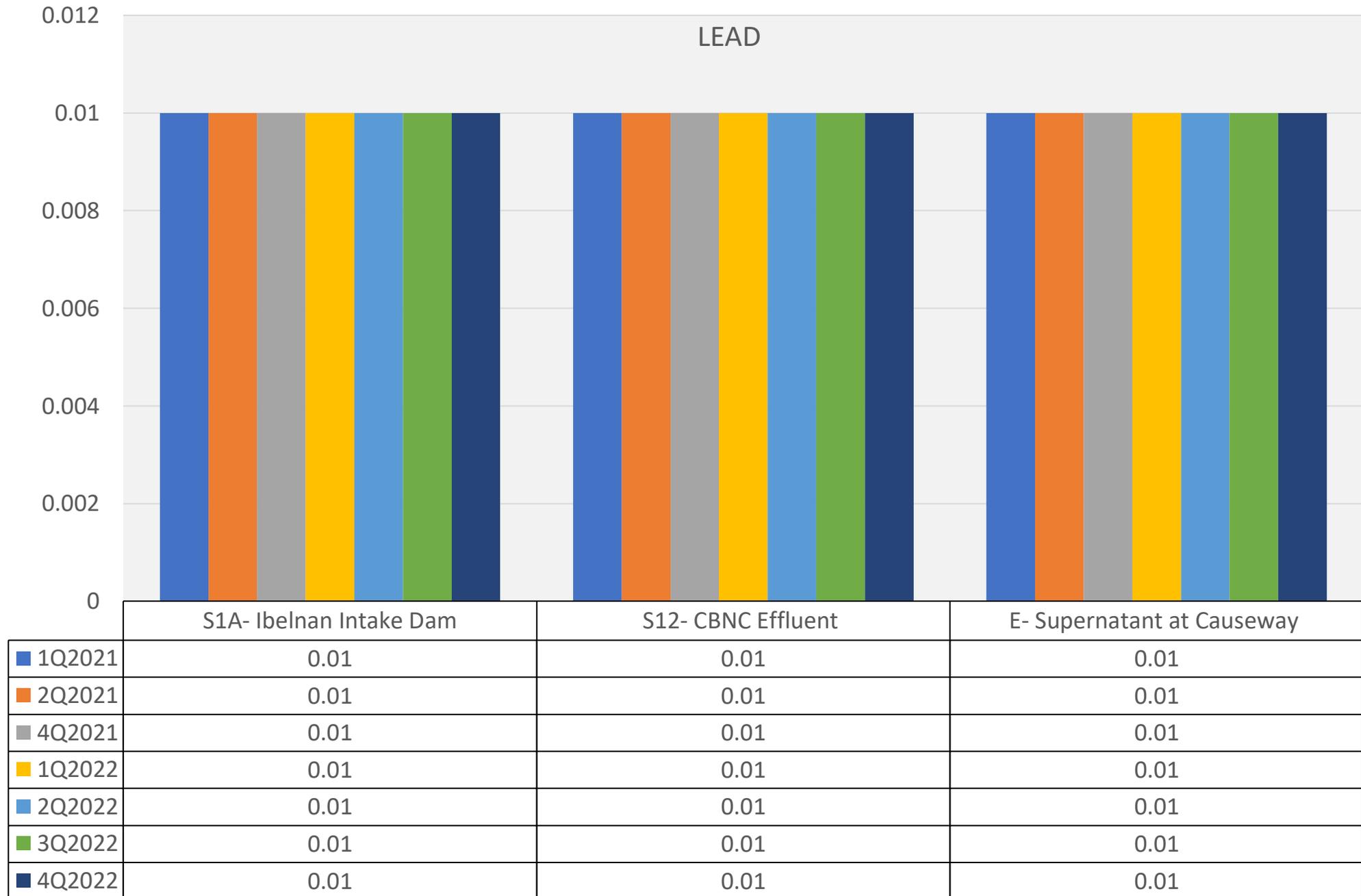
DENR STANDARD: 0.02 and 0.04

CADMIUM



	S1A- Ibelnan Intake Dam	S12- CBNC Effluent	E- Supernatant at Causeway
1Q2021	0.003	0.003	0.003
2Q2021	0.003	0.003	0.003
4Q2021	0.003	0.003	0.003
1Q2022	0.003	0.003	0.003
2Q2022	0.003	0.003	0.003
3Q2022	0.003	0.003	0.003
4Q2022	0.003	0.003	0.003

DENR STANDARD: 0.01 and 0.005



DENR STANDARD: 0.1 and 0.05 mg/L

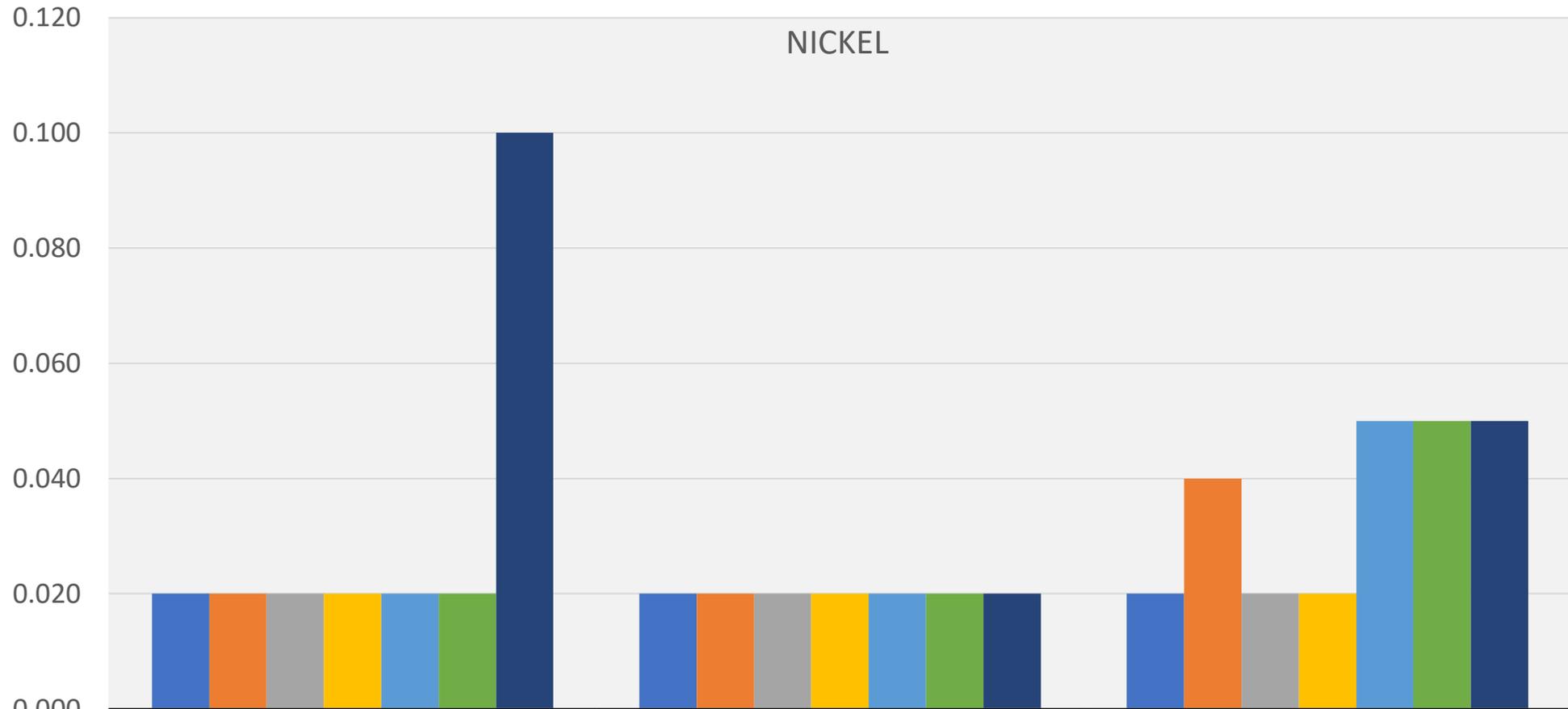
MANGANESE

1.400
1.200
1.000
0.800
0.600
0.400
0.200
0.000

	S1A- Ibelnan Intake Dam	S12- CBNC Effluent	E- Supernatant at Causeway
■ 1Q2021	0.003	0.003	0.361
■ 2Q2021	0.003	0.003	0.602
■ 4Q2021	0.003	0.003	0.132
■ 1Q2022	0.003	0.003	0.318
■ 2Q2022	0.010	0.003	0.586
■ 3Q2022	0.005	0.008	0.666
■ 4Q2022	0.048	0.010	1.151

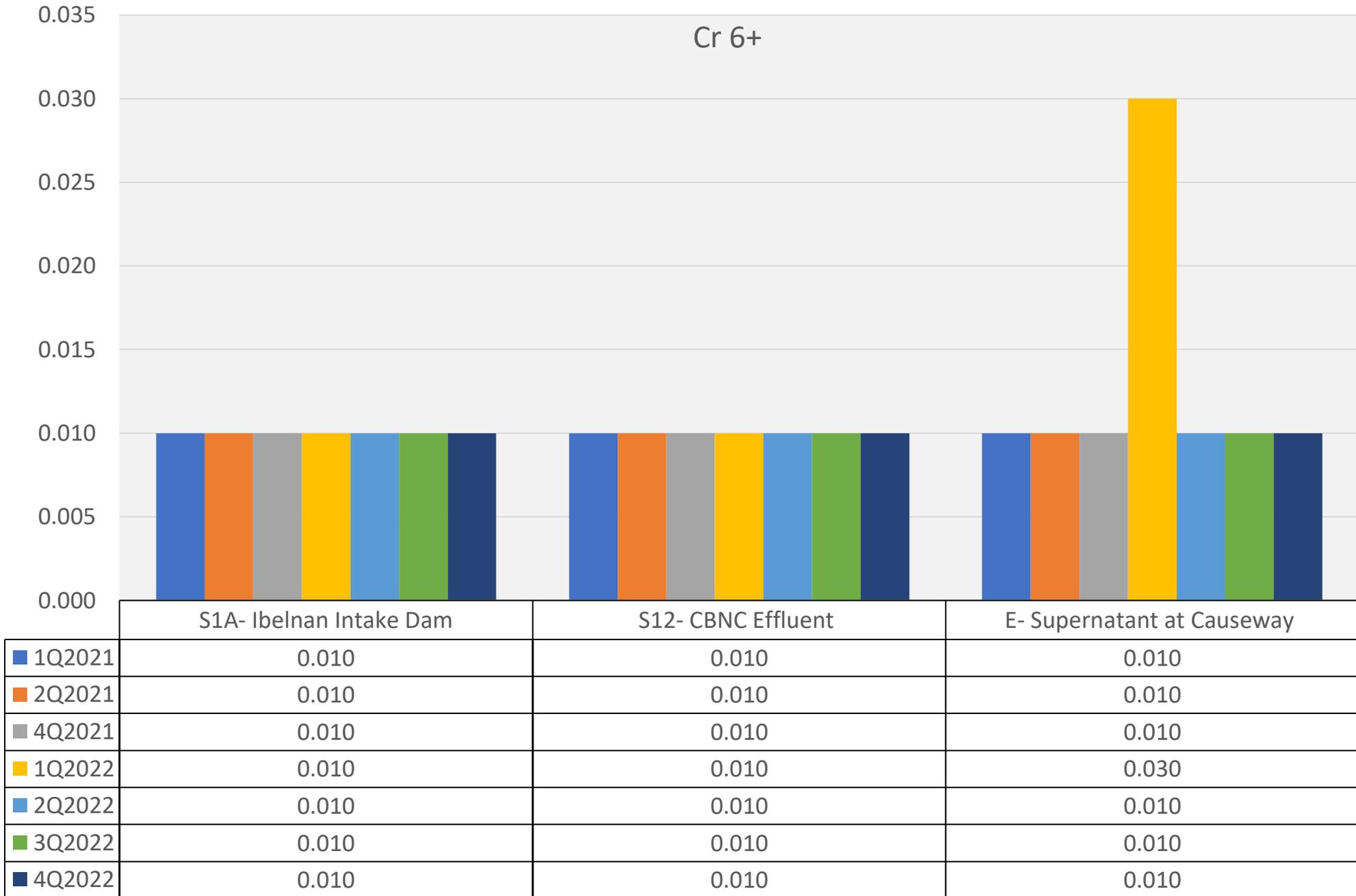
DENR STANDARD: 4 and 0.02 mg/L

NICKEL



	S1A- Ibelnan Intake Dam	S12- CBNC Effluent	E- Supernatant at Causeway
1Q2021	0.020	0.020	0.020
2Q2021	0.020	0.020	0.040
4Q2021	0.020	0.020	0.020
1Q2022	0.020	0.020	0.020
2Q2022	0.020	0.020	0.050
3Q2022	0.020	0.020	0.050
4Q2022	0.100	0.020	0.050

DENR STANDARD: 02 and 0.3 mg/L



DENR STANDARD: 0.05 and 0.1 mg/L

AIR SAMPLING



TAGPISA DIKE



BULANJAO GOLF COURSE



UPPER KINURONG

NOX AND SOX SAMPLING

Sampling for gas emission is conducted



namely:

SAMPLING FOR GAS EMISSION IS CONDUCTED

ON NOVEMBER 22 IN THREE (3) STATIONS

NAMELY:

UPPER KINURONG

TAGPISA

BULANJAO GOLF COURSE

 **CONGRATULATIONS!!!**
TO ALL CBNC EMPLOYEES AND CONTRACTORS
2022 PRESIDENTIAL MINERAL INDUSTRY ENVIRONMENTAL AWARD (PMIEA) 8-PEAT
• WINNER SAFEST MINERAL PROCESSING-9-PEAT
• WINNER BEST MINING FOREST

 **CORAL BAY NICKEL CORPORATION**
Rio tuba, Bataraza, Palawan
NOV-DEC. 2022 LINE 2 MAJOR & LINE 1 MINOR PLANT SHUTDOWN
GO HOME SAFELY, ELIMINATE HAZARD, CONDUCT RISK ASSESSMENT & 10-SECONDS KY PRIOR TO ACTIVITY. 





THANK YOU

