



Republic of the Philippines
Department of Environment and Natural Resources
ENVIRONMENTAL MANAGEMENT BUREAU
Regional Office No. 8

INTEGRATED COMPLIANCE INSPECTION REPORT

February 21-22, 2022

1. GENERAL INFORMATION

Applicable Environmental Laws: (Pls. check box)				
<input checked="" type="checkbox"/> PD 1586 <input type="checkbox"/> RA 6969 <input type="checkbox"/> RA 8749 <input checked="" type="checkbox"/> RA 9275 <input checked="" type="checkbox"/> RA 9003				
Name of Establishment:	CHROMITEKING, INC. – TECHIRON RESOURCES INC. (HOMONHON MINING PROJECT)			
Address:	Brgy. Cagusu-an, Homonhon Island Guiuan, Eastern Samar			
Coordinates:	10.71436 N, 125.79126 E			
Nature of Business:	Chromite Ore mining/processing			
Year Established: 2016			Date and time of inspection: February 21-22, 2022 @ 0800H – 1700H	
Operating hours/day: 16 (maximum)	Operating days/week: 7	Operating days/year:		

Product Lines	Production Rate as Declared in the ECC (Unit/year)	Actual Production Rate (Unit/month) Inventory as of May 5, 2021
1. Chromite Ore	9,650,000 DMT / annum	58,374 WMT- mined ore
2. Chromite concentrate w/ Iron concentrate	1,200,000 MT / annum	5,045 WMT

Name of Managing Head	Engr. Vicente P. Malubag	
Name of PCO	Alma A. Gonzales	
PCO Accreditation No.	2020-RVIII-0039	Date of Effectivity: 2/04/2020-2/04/2023
Phone/Fax	(02) 8283-9254	Email: info@techiron.ph

2. PURPOSE OF VERIFICATION

- Verify accuracy of information submitted by the establishment pertaining to new permit applications, renewals, or modifications

- | | New | Renewal |
|---|--------------------------|--------------------------|
| _____ PMPIN Application | <input type="checkbox"/> | <input type="checkbox"/> |
| _____ Hazardous Waste ID Registration | <input type="checkbox"/> | <input type="checkbox"/> |
| _____ Hazardous Waste Transporter Registration | <input type="checkbox"/> | <input type="checkbox"/> |
| _____ Hazardous Waste TSD Registration | <input type="checkbox"/> | <input type="checkbox"/> |
| _____ Permit to Operate Air Pollution Control Installation | <input type="checkbox"/> | <input type="checkbox"/> |
| _____ Discharge Permit | <input type="checkbox"/> | <input type="checkbox"/> |
| _____ Others _____ | | |
| <input checked="" type="checkbox"/> Determine compliance status with environmental regulations, permit conditions, and other requirements | | |
| <input type="checkbox"/> Investigate community complaints | | |
| <input type="checkbox"/> Check status of commitment(s) | | |
| _____ Industrial EcoWatch Program | | |
| _____ Philippine Environmental Partnership Program (PEPP) | | |
| _____ Pollution Adjudication Board (PAB) | | |
| _____ Others _____ | | |
| <input type="checkbox"/> Others _____ | | |

3. COMPLIANCE STATUS

3.1 DENR Permits/Licenses/Clearances

Environmental Law	Permits			Date of Issue	Expiry Date
PD 1586	ECC 1	ECC-CO-1606-0017 ECC-OL-R08-2016-0074 ECC-OL-R08-2016-0075	6/29/2016 7/7/2016 7/8/2016		
RA 6969	DENR Registry ID	GR-R8-26-00003	8/12/2016		
	PCL Compliance Certificate	-			
	CCO Registry	-			
	Importation Clearance No.	-			
	Permit to Transport	-			
	Copy of COT issued by licensed TSD Facility	-			
	Permit to Transport				
	TSD Registration Certificate				
RA 8749	POA No.	PTO-OL-Region VIII-2021-00492-R (amended) 18-POA-C-0826-0050 18-POA-J-0826-0245 POA-2020-B-0826-0049 (354 kW Caterpillar/waterpump) POA-2020-B-0826-0038 (1MW Caterpillar) POA-2020-E-0826-0133 (910.4 KW Caterpillar)	01/28/2021 03/20/2018 10/05/2018 03/05/2020 02/28/2020 05/24/2021	01/28/2026 03/20/2023 10/05/2023 03/18/2025 12/31/2024 05/24/2026	
RA 9275	Discharge Permit No. (1) (2) (3)	DP-R08-21-07313 (settling ponds) DP-RegionVIII-21-02993 (oil & water separators & domestic wastewater) DP-RegionVIII-22-01284 (Oil & Water Separator – Wash Bay)	11/10/2021 05/24/2021 02/17/2022	11/10/2022 05/24/2022 05/24/2023	
RA 9003	With MOA/Agreement for residuals disposed off to SLF w/ ECC	-			

3.2 Summary of Compliance

The table below summarizes the compliance of Chromiteking, Inc – Techiron Resources, Inc. to applicable laws and citations.

Compliance Requirements	Complied			Remarks	
	Yes	No	Partial		
PD 1586: Environmental Compliance Certificate (ECC) Conditionalities					
I. ENVIRONMENTAL MANAGEMENT					
1. Continue the implementation of an intensive and effective Information, Education and Communication (IEC) Program to inform and educate all stakeholders about the	✓			Information, Education and Communication (IEC)	

<p>mitigating measures embodied in its EIS and the conditions stipulated in this Certificate for greater awareness and understanding of the Project. The proponent shall implement an annual detailed IEC Program in coordination with the Regional Offices of MGB and EMB Region VIII. Said Program shall be submitted to EMB Central Office for approval at least thirty (30) days before the end of every year.</p>			<p>campaigns conducted were through:</p> <ul style="list-style-type: none"> (1) Distribution of 2022 TRI wall calendars to barangays, LGUs and government agencies; (2) Distribution of Kasayuran 10th edition (3) Conduct of IECs on SDMP updates and planning workshop on April 16, 2021 at Brgy. Casuguran, April 23, 2021 at Brgy. Culasi, April 24, 2021 at Brgy. Cagusuan and May 2, 2021 at Brgy. Canawayon; and (4) Attendance to the planning meeting for barangay water system with Goldring and Verrum Terra on April 29, 2021 at Brgy. Casuguran. (5) Conducted IEC on high iron mineral (waste materials) on May 27-28, 2021. (6) Conducted IEC/planning workshop about the second cycle of 5-year SDMP. (7) Regular posting of TRI compliances on the TRI Facebook page (8) Attended forum on Integrated Watershed Management Program last August 19, 2021 at the SB Session Hall of Municipality of Guiuan. (9) Conducted IEC on empowering the community on environmental protection thru values, SWM for community and water quality management with EMB Region 8 representatives as resource person.
<p>2. Continue the implementation of a comprehensive Social Development and Management Program (SDMP) and submit a separate report together with the Compliance Monitoring Report (CMR) to the EMB Central Office for validation and copy furnished EMB Region VIII on a semi-annual basis.</p>	✓		<p>Implementation of its SDMP were complied with through:</p> <ul style="list-style-type: none"> (1) Feeding programs on the five (5) local barangays in the island;

(2) Infrastructure programs such as construction of Macatol bridge in Casuguran, improvement of water system in Cagusu-an, Pagbabangnan Breakwater, road repair and maintenance; and

(3) Other community assistance such as fuel subsidy, medical services, provision of assistance to peace and order, maintenance of the Magellan's Shrine and extended assistance during the 500th anniversary of Christianity and Magellan's landing.

(4) Turnover of 9 garbage bins in Calicoan Sulangan Guiuan, Eastern Samar .

(5) Yearly provision of scholarship grant to deserving students.

(6) Extended assistance on the excavation of additional dumpsite in Brgy. Pagbabangnan.

(7) Provision of honorarium for teachers' volunteers at Casuguran Elementary School and Pagbabangnan Elementary School.

(8) Provision of School Supplies for the reproduction of module for Pagbabangnan, Cagusu-an, Casuguran and Culasi Elementary School

(9) Road repair extended to Brgy. Pagbabangnan.

(10) Conducted medical mission in the host and neighboring barangays.

(11) Provision of additional seed capital for the Bigasan sa Barangay Livelihood Project.

				(12) Provision of additional amount for the construction of a perimeter fence of Bgy. Cagusuan playground amounting to P 30,000.00 (13) Provide 5 wall fans and one-unit thermal scanner for Brgy. Canawayon Elementary School. (14) Provision of construction materials for the establishment of water reservoir for Homonhon National High School
				Compliance Monitoring Reports were submitted online for the period covering the 2nd Semester 2021.
3. Formulate a reforestation and carbon sink program using endemic/indigenous species to mitigate greenhouse gas (GHG) emissions of the project in line with the DENR's thrust for GHG emission reduction programs and the National Greening Program to consider the impact of the expansion project in coordination with PENRO and submit to EMB Central and Region VIII six (6) months prior to project implementation. The said program shall be submitted to EMB Central Office for approval and implementation of the said program shall be reported to EMB Central Office and Region VIII on a quarterly basis .	✓			In compliance to its reforestation and carbon sink program, the Company was able to propagate 50, 001 assorted seedlings at TRI Nursery and Planted 40, 642 seedlings equivalent to 21.2568 hectares. Likewise, conducts care and maintenance to the 150 hectares of old plantations.
4. The proponent shall protect the natural spring/wells within the project site that are being utilized as sources of domestic water by the Community. Should the development activities affect the natural springs/wells, the proponent shall secure clearance from CENRO and/or NWRB prior to implementation of such development activities.	✓			In order to protect natural springs/wells within the project site, the Company is conducting care and maintenance of planted trees at its identified upstream water sources such as Magellan's Creek, Cantilado and Capawpawan. Conditional Water Permits were secured from the National Water Resources Board (NWRB) for water extraction.
5. Maintain and protect all existing natural bodies of water i.e. perennial rivers, streams or creeks including intermittent ones within the project site/area by not dumping soil/earth in the process of earth-moving during site preparation and/or by providing the necessary and adequate drainage or storm drainage canals, concrete culverts, and other flood control measures to adequately receive and channel the silt-laden run-off from natural receiving bodies of water.	✓			Silt traps are installed in strategic locations to arrest silt run-off and regular desilting of silt traps. Company's means of maintaining and protecting all existing natural bodies of water during ore extraction and Plant operations.

6. Establishment of at least fifteen (15) meters buffer zones along the entire periphery of the project site with appropriate species/dense vegetation cover to mitigate the adverse effect of its operation to the existing condition of the ecosystems in the area and to serve as noise, vibration and dust buffers;	✓		Buffer zones are established along the entire periphery of the project site.
7. The proponent shall implement progressive rehabilitation and restoration of mined-out areas in accordance with the approved EPEP & FMR/DP and/or existing guidelines on the matter.	✓		Progressive rehabilitation and restoration of mined-out areas are implemented and ongoing.
General Conditions			
8. The mining operations shall conform to the provisions of RA 6969 (Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990), RA 8749 (Philippine Clean Air Act of 1990), RA 9003 (Ecological Solid Waste Management Act of 2000), RA 9275 (Philippine Clean Water Act of 2004), DENR Administrative Order 2003-27 (Procedural Manual for the Preparation and Submission of Self-Monitoring Report) and applicable provisions of PD 705 (Revised Forestry Code of the Philippines as amended), RA 9147 (Wildlife Resources Conservation and Protection Act), RA 9072 (National Caves and Cave Resources Management and Protection Act, 2001) and RA 7161 (Re Prohibition on the Cutting of All Mangrove Tree Species).	✓		Updated permits/clearances secured from EMB VIII are specified above under table for DENR Permits/Licenses/Clearances
9. The proponent shall comply with the environmental management and protection requirements of the Philippine Mining Act of 1995 (R.A. 7942) and its Implementing Rules and Regulations (DAO No. 2010-21), as well as the pertinent provisions of the Harmonization of the Implementation of the Philippine Environmental Impact Statement System and the Philippine Mining Act of 1995 in relation to Mining Projects (DAO No. 2015-02) executed on March 10, 2015, such as, but not limited to the following:			Environmental Protection and Enhancement Program (EPEP) and Final Mine Rehabilitation and/or Decommissioning Plan (FMR/DP) was approved by CLRF SC thru Resolution No. 2019-14 on July 19, 2019. The Company's annual EPEP was approved on February 22, 2021, amended five-year SDMP was approved on August 28, 2019 and annual SDMP was approved last April 8, 2021.
a. Submission of an Environmental Protection and Enhancement Program (EPEP), with the Final Mine Rehabilitation and/or Decommissioning Plan (FMR/DP) integrated thereto, to the MGB Central Office, for approval, prior to project implementation;	✓		
b. Submission of a Social Development and Management Program (SDMP) to the MGB Region VIII, for approval prior to project implementation. The EMB Central Office shall be furnished a copy of the approved SDMP within thirty (30) working days from its approval;	✓		Multipartite Monitoring Team (MMT) compliance monitoring was conducted last November 4-5, 2021.
c. Set up of a Contingent Liability and Rehabilitation Fund (CLRF) and Environmental Trust Fund (ETF);	✓		
d. Establishment of a Mine Environmental Protection and Enhancement Office (MEPEO) to completely handle the environment-related aspects of the Project. The MEPEO shall also monitor the actual Project impacts vis-à-vis the predicted impacts and management measures identified in the EIS. The proponent shall furnish EMB Central Office a copy of CMR on a semiannual basis pursuant to the Revised Procedural Manual for DAO 2003-30;	✓		
e. Establishment of a Mine Rehabilitation Fund Committee (MRFC) and Multi-Partite Monitoring Team (MMT); and,	✓		
f. Designation of a Community Relations Officer (CRO).	✓		

10. Collaborate with the Protected Area Management Board of the Guiuan Marine Reserve Protected Landscape and Seascape in the conservation and protection of the coastal and marine biodiversity of which the monitoring shall be included in the submission of the CMR;	✓			Complied with the collaboration with the LGU concerned in the development and approval of Integrated Coastal Management.
11. The proponent shall ensure that its contractors and subcontractors properly comply with the relevant conditions of this Certificate;				The Company informs its contractors and subcontractors for its compliance to ECC.
12. The proponent shall submit to the EMB Central Office, within thirty (30) days upon issuance of this Certificate, a detailed contingency plan which shall include, among others, responsibilities in case of spillage/leakage of oil or concentrate, during shipment;	✓			Complied with the submission of Contingency Plan to EMB Central Office.
13. Submit Foreshore Lease Agreement (FLAg) duly issued by the DENR covering its causeway;	✓			Revocable Special Land-Use Permit for the 448 m ² of land for its causeway was issued on March 26, 2021 and valid until March 25, 2022.
II. RESTRICTIONS				
14. There must be no blasting activities;				No blasting activity conducted by the Company.
15. The proponent shall not proceed with project implementation without securing first the endorsement/approval of concerned Sanggunian pursuant to the provisions of Section 27 Article I, Chapter III of RA 7160. Proof of which shall be submitted to EMB Central Office within sixty (60) days after the approval thereof by said Sanggunian/s;	✓			The Company complied with the necessary endorsement/approval from the concerned Sanggunian prior project implementation
16. No activity shall be undertaken unless the proponent shall secure the necessary certification/s from the National Commission on Indigenous Peoples (NCIP) and submit a copy to EMB CO and RO;	✓			A Certification of Non-overlap was issued by the National Commission on Indigenous People (NCIP).
17. The proponent shall first secure a tree cutting permit, prior to the cutting and/or clearing of trees & other woody vegetation's within the project area, the proponent shall secure a SPECIAL TREE CUTTING / EARTH -BALLING PERMIT. The tree inventory report that should originate from the DENR Central Office (CENRO) who has jurisdiction over the project area, to be endorsed thru channel (i.e from concerned CENRO to PENRO to Regional Office) to the DENR Central office.	✓			
18. No other activities shall be undertaken other than what were stipulated in the EIS document. Any expansion or modification of the Project beyond the project description or any change in the activity shall be subject to a new EIA study; and	✓			A Memorandum dated 22 October 2021 was forwarded to EMB Director, Engr. William Cuñado, with the subject Investigation Report of the Complaint against the Alleged Illegal Mining Activity of Techiron Resources, Inc. in Homonhon Island, Guiuan, Eastern Samar. The said report recommends EMB Central Office to issue Notice of Violation / Notice of Adverse Findings against TRI for allegedly violating Restriction No. 19 of ECC-CO-1606-0017, that is, undertaking activities beyond the ECC's Project Description.
19. In case of transfer of ownership, the same conditions and restrictions shall apply to the transferee or grantee who shall secure the approval of EMB Central Office within fifteen (15) working days from such transfer.			✓	Transfer of ownership is not applicable as to the present status of the project.

Compliance with Environmental Management Plan

PROJECT IMPACTS	MITIGATING MEASURES		EFFECTIVE?		REMARKS/ RECOMMENDATION	
	PLANNED	ACTUAL	Y	N		
I. Operation Phase – Plant-wide						
Clearing of vegetation; mining operations; and change in land use						
-Decrease diversity and abundance (i.e flora and fauna)	Semi-annual sampling and interviews of flora and fauna diversity (transect survey, mist netting and cage trapping)	Latest Flora and fauna diversity assessment conducted December 2019 For year 2020 no flora and fauna conducted due to travel restrictions	✓		No availability of third party due to continuous COVID-19 concerns	
-Possible extirpation of species	Site observation and documentation of rehabilitation and restoration works in establishing forest cover.	Documentation of rehabilitation and restoration works (tree planting activities)	✓		The Company propagated 4,200 assorted seedlings of endemic and fast-growing tree species for January 2022, balance of 64,140 assorted seedlings as of end of January 2022. Conducted care and maintenance to the 12 hectares of old plantations.	
Generation of turbid run-off discharge of turbid waters from settling ponds; other discharges from project operations/facilities	Quarterly sampling of TSS and annual sampling of heavy metals	Quarterly sampling of TSS and annual sampling of heavy metals	✓		EMB RO VIII personnel should conduct a quarterly sample collection for TSS analysis at EMB8 Laboratory and annual sampling for heavy metals analysis at Cebu City accredited laboratory. Latest sampling results showed concentrations of regulated parameters were within the DENR Standards.	
Biota siltation	Sampling of biological indices in freshwater biota per quarter during the 1 st year	Documentation of rehabilitation and restoration works (tree planting activities)			Fresh Biota assessment scheduled on 4 th Quarter 2021	
Dust generation	Quarterly TSP ambient sampling	Conducted quarterly ambient air and noise sampling by third party Sandoval Engineering & Environmental Services (SEES)	✓		Ambient Air Sampling conducted on February 09, 2022, for First quarter by Sandoval Engineering & Environmental Services (SEES)	

Generation of SO ₂ , NO ₂ emissions and noise	Quarterly ambient sampling	Conducted quarterly ambient air and noise sampling by third party Sandoval Engineering & Environmental Services (SEES)	✓		Source Emission Sampling conducted on February 09, 2022, for First quarter by Sandoval Engineering & Environmental Services For noise sampling conducted monthly by Techiron (in-house).
Community benefits from the project	Semi-annual FGDs, KIIs, household survey (when necessary) examination of official record (e.g. revenue reports)	Semi-annual FGDs, provision of assistance of community-related construction projects.	✓		Conducted on quarterly basis.

Applicable Laws and Citations	Compliance Requirements	Compliant			Remarks
		Yes	No	N/A	
RA 6969 Toxic Substances and Hazardous and Nuclear Wastes Control Act					
Priority Chemicals List	Valid PCL Compliance			✓	
	Annual Reporting			✓	
Chemical Control Orders	Biennial Report for those chemicals that are for issuance for CCO			✓	
	CCO Registration				
Importation	Valid Small Quantity Importation Clearance				
	Valid Importation Clearance				
	Bill of Lading				
Hazardous Waste Generator	Registration as Hazardous Waste Generator	✓			
	With Hazwaste storage facility	✓			Located near fuel tank and Plant's Admin building and at MRF.
	Reporting of hazardous waste generated	✓			
Hazardous Waste Storage and Labelling	Hazardous waste properly labelled	✓			Hazardous wastes stored at hazardous waste storage area are properly labelled accompanied with placards.
	Valid Permit to Transport	✓			
	Valid Registration of Transporters and Treaters	✓			
Waste Transporter; Waste Transport Record; Waste Treatment and Disposal Premises	Compliance with Manifest System (Waste Transport Record)	✓			
	Valid/completed certificate of treatment	✓			

Applicable Laws and Citations	Compliance Requirements	Compliant			Remarks
		Yes	No	N/A	
RA 8749: Philippine Clean Air Act					
Permit to Operate (Air)	With Valid POA	✓			
	All emission sources is covered by a valid POA	✓			
	POA is displayed in a conspicuous place near the installation.	✓			
	All Permit Conditions are complied with	✓			
	Wind direction device is installed (if applicable)		✓		
	Plant operational problems lasting for more than 1 hour should be reported to EMB within 24 hours		✓		
	CCTV installed (for large sources only)		✓		
	CEMS/PEMS installed (for petroleum refineries, power/cement plants or sources emitting 750 Tone/yr)		✓		
	Yearly RATA/Quarterly CGA conducted (for sources with CEMS)		✓		
Emission Testing (if applicable)	Compliance with emission standards?	✓			Emission testing for 910.4 KW Caterpillar Generator Set and 640 KW Denyo Generator Set was conducted on February 10-11, 2022 by Sandoval Engineering Environmental Services Waiting for the Results.
Ambient Testing (if applicable)	Compliance with ambient air quality standards?	✓			Ambient Air sampling was conducted on February 10-11, 2022 by Sandoval Engineering Environmental Services Waiting for the Results.
RA 9275: Philippine Clean Water Act					
Discharge Permit (DP)	With valid Discharge Permit	✓			
	Volume of discharge consistent with DP issued?	✓			
	All permit conditions are complied with?	✓			
	With working flow metering device (if applicable)		✓		
	Certified septage siphoning hauled by accredited service provider.		✓		
Effluent Test Results (if applicable)	In compliance with effluent standards		✓		Zero wastewater discharge coming from plant operations and active mine area.
Ambient water quality monitoring (if applicable)	With ambient water quality monitoring results.				TSS results for Q1 2022 are all within DENR standards.
Wastewater charge system (if applicable)	Payment of wastewater charges		✓		

Applicable Laws and	Compliance Requirements	Compliant	Remarks
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Citations		Yes	No	N/A	
RA 9003 Ecological Solid Waste Management Act					
Waste Segregation	Practice of Waste Segregation	✓			Provision of a Materials Recovery Facility for the collected solid wastes from staff house and admin building. Waste bins are provided for proper segregation. Old Compost pit was completely covered with soil.
Solid Waste Disposal Facilities	Installation of necessary controls for waste treatment and disposal facility	✓			
Pollution Control Officer Accreditation					
DAO 1992-26 or Revised Guidelines on PCO Accreditation	Valid Accreditation of PCO	✓			Accredited PCO is valid until February 4, 2023.
Self Monitoring Report					
DAO 2003-27	Complete and Timely submission of SMR's	✓			4th Quarter SMR 2021 was submitted online on January 14, 2022.

3.3 Summary of Findings and Observations

3.3.1. Environmental Impact Statement System

Compliant Non-compliant Not applicable

- Only processing plant 3 was operational during the time of monitoring.
- No chromite concentrates were observed stockpiled at pier area for ship out. Last day of shipment was on May 3, 2021.

3.3.2 Chemicals Management

Compliant Non-compliant Not applicable

- No chemicals used in the plant's laboratory.

3.3.3. Hazardous Waste Management

Compliant Non-compliant Not applicable

Haz Waste ID No.	HW Class	HW Nature	Remaining HW based on SMR 3rd Quarter 2021		HW Generated (as of 4 th quarter 2021)	
			Qty	Unit	Qty	Unit
I101	Used Oil	Liquid	12.596	Tons	1.44	Ton
I102	Used Cooking Oil	Liquid	0.508	Ton	0.018	Ton
I104	Used Filters	Solid	4.13	Ton	0.103	Ton
D406	Used Batteries	Solid	2.737	Tons	0.385	Ton
D407	BFL	Solid	0.4115	Ton	0.017	Ton
E601	Empty Paint Cans	Solid	0.01	Ton	0	Ton
M506	WEEE	solid	0.151	ton	0	Ton
M501	Pathological or Infectious Wastes	solid	0.004	ton	0	Ton

- Hazardous wastes stored at Hazardous Wastes storage area were properly labelled and accompanied with placards. Maintain proper labelling.

- Inventory board for generated hazardous wastes (i.e. used batteries, used cooking oil, used filters, BFLs) is provided at HW Storage Area.
- Concrete boxes are provided at Hazardous Wastes Storage Area to contain spills.
- Infectious wastes are stored in encapsulation drum with concrete bottom.

3.3.4. Air Quality Management

Compliant Non-compliant Not applicable

- All Permit to Operate (APSE) are valid.
- 720 Powertech and 1 MW Caterpillar diesel engines are due for repair in Manila.
- 640 KW Denyo is already functional.
- Ambient Air sampling was conducted on February 10-11, 2022 by Sandoval Engineering Environmental Services
- Emission testing for 910.4 KW Caterpillar Generator Set and 640 KW Denyo Generator Set was conducted on February 10-11, 2022 by Sandoval Engineering Environmental Services

APSI	PM (mg/NCM)	SOx (mg/NCM)	NOx (mg/NCM)	CO (mg/NCM)
910.4 KW Caterpillar Genset				
640 KW Denyo				
DENR Standards	150	700	2,000	500

> Waiting for the Source Emission Test Results.

3.3.5. Water Quality Management

Compliant Non-compliant Not applicable

Stations	Temperature ('C)	pH	TSS (mg/L)
			Q1
1. Capawawan Midstream	27.2	6.95	6
2. Cantilado Pier (seawater)	27.9	7.70	12
3. Gate 6	28.9	6.58	6
4. Freshwater Dam	29.1	6.66	11
5. Control Station	28.6	6.60	ND
DENR Standards (DAO 2016-08) Class C (Freshwater) Class SC (Coastal)	25-31 25-31	6.0-9.0 6.0-8.5	80 80

- Discharge Permits are all valid.
- Above results are within the DENR Standards for Class C and SC waters.
- Wastewater from settling ponds is recycled back to the freshwater dam to be used in the chromite processing. Settling ponds were observed empty.
- Water samples were collected in established stations. Samples will be submitted to EMB8 Laboratory for TSS analyses.
- No effluent discharge was observed at the septic tank and oil and water separator; hence no effluent sampling was conducted.
- Silt traps at Pier were observed to be devoid of silt.

3.3.6. Solid Waste Management

Compliant Non-compliant Not applicable

- Solid wastes management is properly implemented within the project site. Receptacle bins are provided per area.

- Segregated biodegradable, non-biodegradable and recyclable wastes were collected at the company's Materials Recovery Facility (MRF). Compost pit at MRF Area was covered with soil. Old dump boxes were utilized as storage containment for the other solid wastes.
- Temporary containment of residual wastes was observed in the Materials Recovery Facility Area.
- Plant's vermi-composting facility is operational at Nursery Area.

3.3.7. Commitment/s from previous Technical Conference

Compliant

Non-compliant

Not applicable

RECOMMENDATIONS

- For confirmatory sampling/ further monitoring
- For issuance of Temporary/Renewal of Permit to Operate and/or Renewal of Discharge Permit (DP)
- For accreditation of Pollution Control Officer (PCO)/Seminar requirement of Managing Head
- For submission of Self-Monitoring Report (SMR)/Compliance Monitoring Report (CMR)
- For issuance of Notice of Meeting (NOM)/Technical Conference (TC)
- For issuance of Notice of Violation (NOV)
- For issuance of suspension of ECC/ 5 day CDO
- For endorsement to Pollution Adjudication Board (PAB)
- Other recommendations:

✓ Maintain compliance to Environmental Laws.

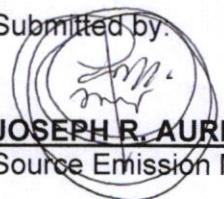
Findings and recommendations attested by: PCO/Manager:

ALMA A. GONZALES

Signature over Printed Name

PCO/Manager/Person contacted on site refused to sign.

Submitted by:



JOSEPH R. AURE

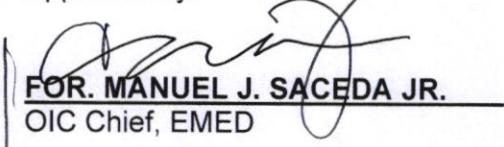
Source Emission Monitoring Specialist

ENGR. CARLOS A. CAYANONG

Chief, WAQMS

Team Leader

Approved by:



FOR. MANUEL J. SACEDA JR.

OIC Chief, EMED

Noted by:



REYNALDO B. BARRA, PME

OIC-Regional Director



Republic of the Philippines
Department of Environment and Natural Resources
ENVIRONMENTAL MANAGEMENT BUREAU
Regional Office No. VIII
DENR 8 Compound, Brgy. 2, Jones Extension, Tacloban City



DISPOSITION FORM

Doc. Date : March 22, 2022
IIS No. : R8-2022-009003

Company Name : TECHIRON RESOURCES INC.



Subject / Title: EIA/ECP - Techrion Resources Inc. Brgy. Cagusuan Homonhon Island Guiuan Eastern Samar

TO: All Officials/Personnel Concerned:

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Joseph R. Aure <i>Ar</i>	03/22/2022 <i>3-23</i>	Carlos A. Cayanong <i>0820</i>	11:39 AM <i>8:01</i>	For comments/recommendations. <i>/</i>
<i>RD</i>	<i>MAR 24 2022</i>	<i>EMED/NM</i>	<i>8:05am</i>	<i>Noted /Signed</i>

Use code for comment/instruction and desired action:

- A - For information / guidance / reference B - For comments / recommendations C - Pls. take up with me D - Pls. draft answer memo
E - Pls. appropriate action F - Pls. immediate investigation G - Pls. Attach supporting papers H - Pls. for approval
I - For initial/signature J - For study/evaluation K - Pls. release/file L - Update stat of case

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