

HISTORAL BACKGROUND OF LIBJO MINING CORPORATION

1. Background Information

A. Project Name and Location

Libjo Nickel Laterite Mining Project

Brgys Navarro and Malinao in Tubajon and Brgys San Antonio and General Aguinaldo of Libjo , Province of Dinagat Islands.

B. Company Name and Address

Libjo Mining Corporation

Head Office:

4th Floor, Low-Rise Bldg.Pacific Star Bldg.

Makati Ave. cor Gil Puyat Ave.

Makati City

Mine Site:

Sitio Balite,Brgy. San Antonio, Libjo

Province of Dinagat Islands

Liason Office:

Pagtoo St, Villa Corito Subdivision, Surigao City

C. Mining Rights

Mineral Production Sharing Agreement (MPSA) with an area 4,226.2744 ha.

D. ECC Covered Area

Issued on June 20, 2013 covering the 2,285 ha.of the MPSA area

E. Contact Person

Mr. Salvador Zamora, II
President

Hilario H. Pagautan
Managing Director

Engr. Edgardo V. Caringal
SVP-Operations

Engr. Carlos V. Escaño
Assistant Vice President for Operations

Engr. Jared R. Diongson
Resident Manager

F. Mining Right Acquisition and Document Approval

The mining right over the area was acquired by East Coast Mineral Resources Co. Inc. (ECMRCI) through an approved Mineral Production Sharing Agreement (MPSA) denominated as MPSA No. 233-2007-XIII SMR issued on 8 June 2007 covering an area of 4,226 hectares. Libjo Mining Corporation acquired its mining right to operate the area through an Operating Agreement with ECMRCI entered by and between the President of the two companies on April 26, 2012.

The Environmental Compliance Certificate, ECC-CO-1304-0014, was granted on 20 June 2013 to Libjo Mining Corporation for its Libjo Nickel Laterite Mining Project with an annual production capacity of 5 million tonnes.

On August 20, 2013, the 5-Year Social Development and Management Program (SMDP) was approved.

On 28 March 2014, the Environmental Protection and Enhancement Program (EPEP) and Final Mine Rehabilitation and/or Decommissioning Plan (FMR/DP) of the project were approved by the MGB Central Office followed by the approval of the Declaration of Mining Project Feasibility (DMPF) on 11 April 2014.

Our mine operation started on 12 April 2014, after the approval of the Declaration of Mining Project Feasibility.

G. Key Impacts

Accelerated erosion; siltation of riverbeds and tidal flats, seabed; loss of marine resources; murkyng of river and coastal waters; loss of groundwater source that supplies the needs of communities; removal of vegetation and consequently the habitats of wildlife; displacement of wildlife; air pollution especially by particulates affecting existing communities and changes in traditional and moral values.

H. Key Environmental Measures and Monitoring Plans

Slope stabilization measures to prevent erosion – actual monitoring of slope stability in cut slopes and stockpiles.

Use of sabo dams and siltation ponds to prevent siltation – monitoring of water quality in creeks and coastal areas.

Progressive rehabilitation of mined-out areas focusing on revegetation - institutional monitoring as required by law.

Regulated removal of existing vegetation and reconstruction of habitats during rehabilitation.

Water spraying of roadways used by hauling trucks – periodic air quality monitoring.

Implementation of Coastal Management Plan and Establishment of Marine Protected Area (MPA).

2. Panoramic Photographs





3. Permits and Clearances

Date Issued	Permits/Clearance	Status (Date of Expiry)
	ECC	
June 20, 2013	1. ECC-CO 1304-0014	Operational
January 27, 2015	2. ECC-R13-1411-0168	Operational
	Permit to Operate	
June 30, 2015	1. 2015-POA-L-1367-065	June 30, 2020
	Discharge Permits	
March 30, 2015	1. 2015-WDP-C-1367-066	March 30, 2020
March 30, 2015	2. 2015-WDP-C-1367-067	March 30, 2020
March 30, 2015	3. 2015-WDP-C-1367-068	March 30, 2020
March 30, 2015	4. 2015-WDP-C-1367-069	March 30, 2020
March 30, 2015	5. 2015-WDP-C-1367-070	March 30, 2020
March 30, 2015	6. 2015-WDP-C-1367-071	March 30, 2020
August 25, 2015	7. 2015-WDP-H-1367-173	August 25, 2020
August 25, 2015	8. 2015-WDP-H-1367-174	August 25, 2020
August 25, 2015	9. 2015-WDP-H-1367-175	August 25, 2020
August 25, 2015	10. 2015-WDP-H-1367-176	August 25, 2020
August 25, 2015	11. 2015-WDP-H-1367-177	August 25, 2020
August 25, 2015	12. 2015-WDP-H-1367-178	August 25, 2020
August 25, 2015	13. 2015-WDP-H-1367-179	August 25, 2020
	Hazardous Waste Registration	
December 18, 2013	DENR ID NO: 16-67-0094	None
	CCO Registration	
March 14, 2014	CCO-PCB-13-14-0009	None
	Revocable/Provisional Permit	
September 01, 2014	FLC-13-000063	
November 5, 2012	Special Tree Cutting Permit Endorsement From PENRO-Dinagat for Road Widening	Waiting for Granting the Tree Cutting Permit.
April 11, 2014	PPA Certificate of Registration/Permit to Operate No. 458 (Permanent/Non- Commercial Port)	April 11, 2019
August 20, 2013	Certificate of Approval for 5 Year SDMP (SDMP #: RXIII-2013-01)	August 2018
April 25, 2014	Certificate of Approval for 2014 Annual SDMP (SDMP #: RXIII-ASDMP- 2014-019)	
March 11, 2015	Certificate of Approval for 2015 Annual SDMP (SDMP #: #: RXIII- ASDMP-2015-019)	
April 20, 2016	Certificate of Approval for Annual SDMP (SDMP #: RXIII-ASDMP-2016-21)	
April 25, 2014	Certificate of Approval for 2014 Annual EPEP (RXIII-AEPEP-2014-022)	
March 11, 2015	Certificate of Approval for 2015 Annual EPEP (RXIII-AEPEP-2015- 013)	
March 18, 2016	Certificate of Approval for 2016 Annual EPEP (RXIII-AEPEP-2016-016)	

4. Environmental Performance

Date	Activity	Summary of Findings
May 14-16, 2014	Multi-partite Monitoring Team (MMT) Inspection	<p>An 80.6% and 80.4% physical and financial accomplishment of 1st Quarter 2014 AEPEP.</p> <p>Needs additional settling pond to arrest the run-off water from the disturbed areas.</p> <p>No water spraying observed at the main haul roads except for stockyards.</p>
June 18-20, 2014	MMT	<p>Construction of additional Settling Ponds observed at the Anseca access road to arrest the run-off going to Layawan-Buayahan Creek.</p> <p>Needs additional water trucks.</p>
July 15-18, 2014	Integrated Safety, Health, Environment and Social (ISHES) Audit	High Volume Sampler is required for the conduct of In-house Air Quality Monitoring.
April 9, 2015	ISHES Audit (Region)	<p>All mandatory report for submission to MGB 13 was submitted on time. However, some documents must be submitted before the deadline such as the 1st Quarter AEPEP Accomplishment Report. Motorpool and Hazardous Waste Storage Area and drainage canals need improvement.</p>
May 06-08, 2015	MMT (w/ EMB Rep)	<p>All ECC Condition Complied. All commitments in the previous MMT were complied.</p> <p>Portion of mine area was already within the ridgeline of Watershed.</p> <p>Generally, good Housekeeping and proper benching was observed in the mine site.</p> <p>All water and air quality results pass the DENR standards. However, drainage system in the mine pit needs improvement.</p>
August 20-22, 2015	MMT	All commitments in the previous MMT were complied.

		Rehabilitation of mine pit area within the ridgeline of the watershed area of Brgy. Imelda to protect their potable water source was observed. Proper bench height and drainage system was observed. However, silt deposits were observed at the estuarine of Little Layawan Creek.
November 04-06, 2015	MMT	All commitments in the previous MMT were complied. Recovered total volume of 117.7 m ³ of silt from Little Layawan Creek.
May 23, 2016	ISHES Audit (Region)	All commitments in the previous MMT were complied. All mandated reports were submitted on time to MGB 13. Waste Dump for mine waste was stabilized. Implementation of Solid Waste Management, Drainage System and Contractors Working Area needs enhancement.
May 31, 2016	MMT	Generally, all commitments in the previous MMT were complied. However, the planted seedling in the rehabilitated area needs soil conditioner for fast growth and continuous planting must be done.

5. Notice of Violation

Date NOV Issued	Date of Violation	Action Taken	Status of NOV
No NOV issued since the Start of Operation			

6. Other Environmental Activities undertaken for Adopt-Estero-Program and NGP.

Date	Activity	Status
February 2, 2014	Riverbank Enhancement Balite Creek for Flood Control	Completed/Continually Monitored
September 27, 2014	Reforestation at Watershed of Brgy. General Aguinaldo, Libjo, Dinagat Islands in partnership with Albor National High School	On-going. Partially reforested Two (2) has of idle areas
September 07, 2015	Manual Desilting of Little Layawan Creek	Completed
April 01, 2016	Establishment of Marine Protected Area (MPA)	On-going.



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SVP-Operations