

1. BASIC PROJECT INFORMATION

Project Information	
Name of Project	Davao Mill Expansion with Scrap Recycling Project
Location	Brgy. Mahayag, Bunawan District, Davao City
Background and Nature of Project	This Project will be an expansion in the current steel mill of NCMI to include a new generation scrap recycling facility that will produce billets that will be ultimately used by the existing rolling mill plant with ECC number CO-1111-0019.
Size and Scale	500,000 metric tons per year scrap recycling facility
Proponent Profile	
Name of Proponent	New Carcar Manufacturing, Inc.
Address	Corporate Office: 2/F B2 Bonifacio High Street, Fort Bonifacio Global City, Taguig
Plant address	Brgy. Mahayag, Davao City
Contact Person and Details of Proponent's Authorized Rep.	Mr. Roberto M. Cola, Vice President +632 8566888
Preparer Profile	
Name of Preparer	Mediatrix Business Consultancy
Address	L29 Joy-Nostalg Centre, 17 ADB Ave., Ortigas Centre, Pasig City
Contact Person and Details of Preparer's Authorized Rep.	Ms. Matilde J. Fernando, Owner and General Manager 0917-5064499

2. PROJECT DESCRIPTION

Project Location/Area	<p>The proposed project will be located in Brgy. Mahayag an estimated area of 15.315 hectares.</p> <p>Attached in Annex A is the proposed project location.</p> <p>Shown in Annex B are Plates of project site photographs.</p>
Project Rationale	<p>The Project is also envisioned because of the following objectives:</p> <ul style="list-style-type: none"> • Infrastructure growth in Mindanao in the coming years • New infrastructure will spur additional growth in housing, retail, tourism and industrial construction • New construction will require more steel products, best supplied by a local/community steel mill • Utilization of local scrap
Project Components List	<p>Main equipment:</p> <ul style="list-style-type: none"> • Electric Arc Furnace • Ladle Furnace • Continuous Casting • Machine <p>Ancillary equipment:</p> <ul style="list-style-type: none"> • Rainwater collection reservoir • Compressed air • Oxygen Plant

Provided in Annex C is the proposed Site Development Plan showing the project components.

Project Phases, Key Environmental Aspects, Wastes, Issues, Built-in Measures

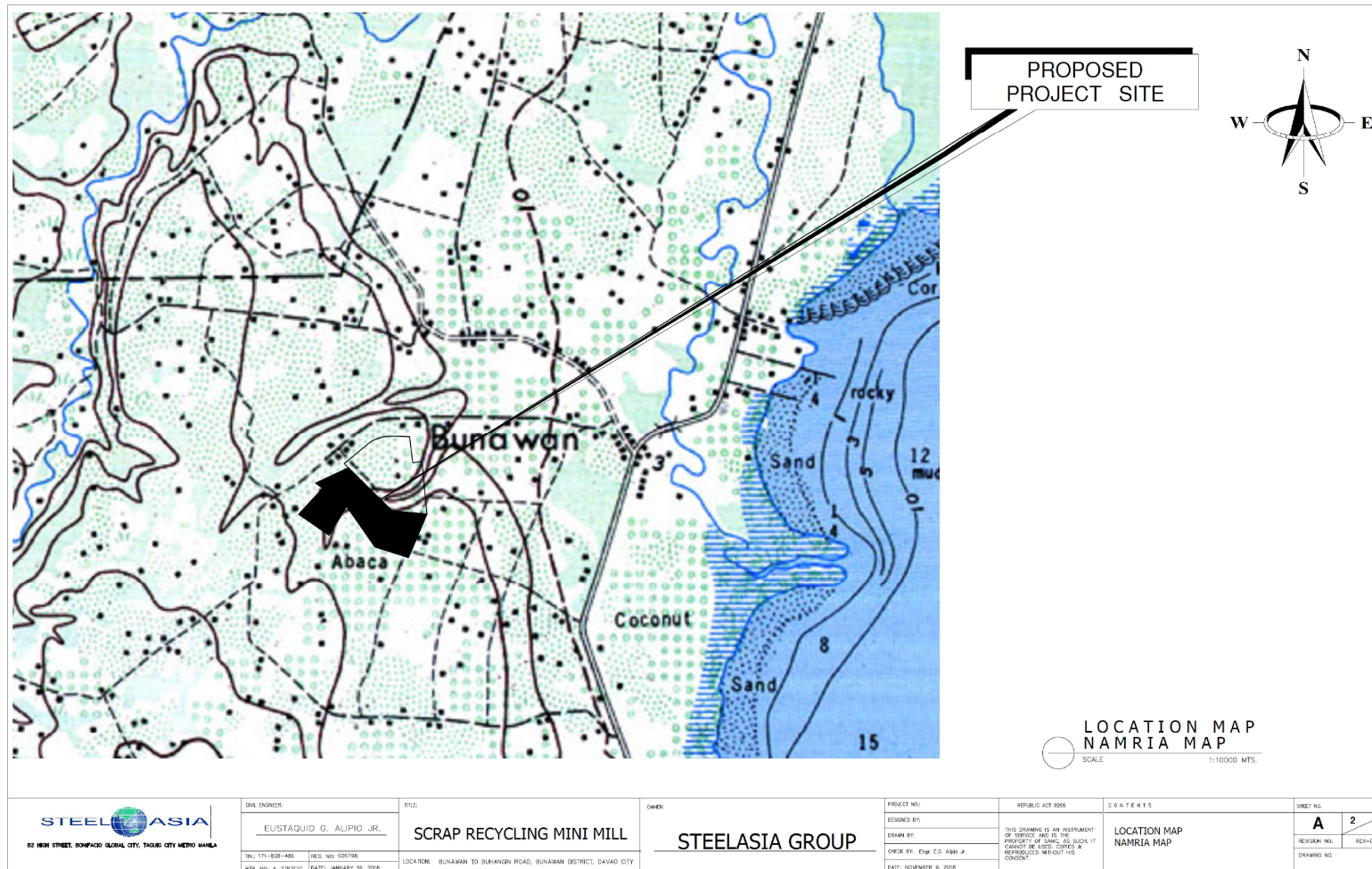
Major Activities Description / Details key environmental aspects or activities	Potential Impact, Nature and estimate of Major Emissions	Impact Mitigation, Built-in management measures and facilities planned
Preconstruction Phase		
Land	Land use compatibility	Secure reclassification of land use to industrial in parallel with ECC acquisition
Construction Phase		
Generation of domestic waste	Contamination of water quality	Provision of septic tanks and implementation of septage management
Use of domestic water	Water resource use competition	Deepwell or water supply from utilities will be used for domestic purposes only
	Deterioration of water quality	Zero effluent discharge Regular water quality monitoring
Construction of the steel melt shop plant with rainwater reservoir and wastewater treatment	Air emission (TSP, PM10, PM2.5, SO2, NO2) and noise pollution from construction equipment and vehicles	Limiting construction deliveries during night time Proper maintenance of construction equipment Good house keeping Dust management, i.e water sprays/sprinklers
Operations Phase		
Storage, handling and transport of scraps	Health and safety hazards	<ul style="list-style-type: none"> • Health and safety policies • Employee safety inspections and toolbox meetings • Regular APE • Use of PPEs • First aid training
Melt shop operation	Generation of dust and air emissions	Provision of dust management system and compliance with RA 8749 standards
	Generation of EAF dust and slags	Dust collection will be undertaken and will be stored and sealed in tonner bags and placed in the hazardous storage facility. Disposal methods include local disposal through DENR-accredited TSD facility and/or being exported for recycling after stabilization
	Generation of hazardous wastes such as used oil, busted bulbs and contaminated rags and gloves	<ul style="list-style-type: none"> • Used oil will be collected, transported and treated through an accredited TSD facility. • Busted Fluorescent Bulbs will be properly stored in accumulation until there is sufficient inventory for proper disposal through an accredited TSD facility.

PROJECT DESCRIPTION FOR SCOPING (PDS)
Davao Mill Expansion with Scrap Recycling Project
 New Carcar Manufacturing, Inc.
 Brgy. Mahayag, Davao City, Davao Del Sur

		<ul style="list-style-type: none">Contaminated rags and gloves are stored in accumulation until there is sufficient inventory for proper disposal through an accredited TSD facility.
	Water pollution	Zero effluent
	Noise pollution	<ul style="list-style-type: none">Training on proper equipment use and speedUse of enclosures, barriers, and buffer zones
	Employment generation	Preference will be given to qualified residents of Concepcion
	Increase in economic opportunities through associated incomes and taxes	These are predominantly positive effects, no mitigation measures necessary.
Storage, handling and transport of products	Health and safety hazards (e.g. heat and hot liquids)	<ul style="list-style-type: none">Health and safety policiesInstallation of proper ventilationImplementation of safety buffer zones to separate areas where hot materials are handled and storedEmployee safety inspections and toolbox meetingsRegular APEUse of PPEsFirst aid training
	Traffic and road accidents	Implementation of Traffic Management Plan and provision of proper road signages
Abandonment Phase		
Removal of wastes and oil spills if any Removal of all equipment, Actual rehabilitation	Change in land use Loss of jobs and community programs	<ul style="list-style-type: none">Grading and drainage stabilization worksSoil conditioning and planting of endemic species or reforestationRetrenchment packageLabor support programs
Manpower	Within plant: 300 approx. Outside plant: 1500 estimate	
Project Cost and Duration	PhP 4billion As soon as the ECC is issued local permits will be secured and land development as well as construction will commence.	
LIST OF ANNEXES		
Annex A: Location Map		
Annex B: Site Development Plan		

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Annex A: Location Map



Annex B: Photographs of the Project Site



Annex C: Site Development Plan

