

30 November 2023

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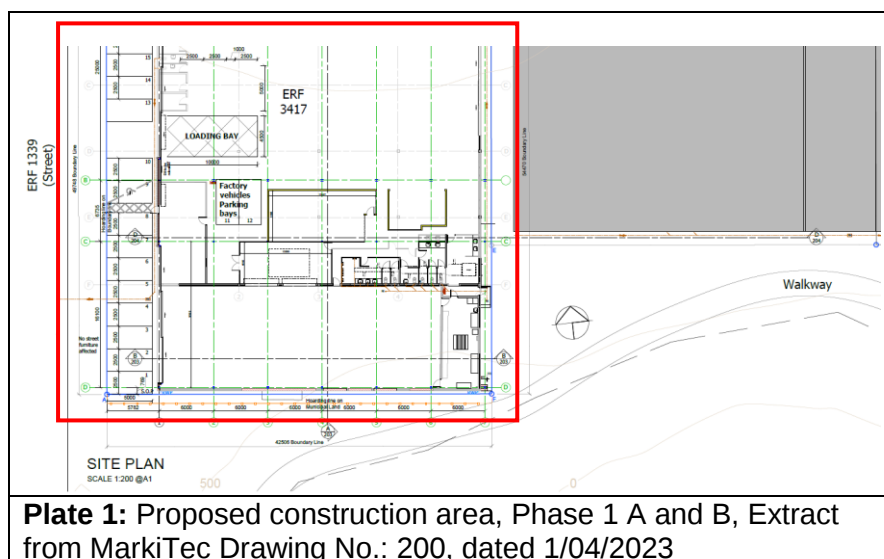
Per email: janet@ecoroute.co.za

RE: SANPARKS AUTHORISATION FOR CONSTRUCTION OF A FINISHING BAY (PHASE 1A) & PRODUCTION LINE STRUCTURE (PHASE 1B) ON ERF 3417 (KINETIC CATAMARANS) KNYSNA

Erf 3417 Knysna (**Plate 2**) is in the Buffer Zone of the Garden Route National Park (GRNP), and in the Development Control Area of the Knysna Protected Environment (PE), achieving a conservation outcome on this property as well as protecting the Knysna estuary from pollution is important to SANParks.

SANParks visited the site on the 19th October 2023 (**Plate 3-7**), and was informed by Mr Leon Scheepers, that Kinetic Catamarans wish to construct a Finishing Bay and Production Line Structure on Erf 3417. Phase 1A, the construction of a Finishing Bay will involve placing a roof over an existing concrete courtyard (**Plate 6 & 7**). Phase 1B, the construction of a Production Line Structure will involve demolishing some interior walls, sloping the floor, closing some internal drains, and lifting the roof.

Future phases are proposed on the adjacent Erf 3416, however these are not included within this application.



lai-lais/richtersveld transfrontier

addo elephant

agulhas

augrabies falls

bontebok

camdeboo

golden gate highlands

karoo

kgalagadi transfrontier

knysna

kruger

mapungubwe

marakele

meerkat

mokala

mountain zebra

namaqua

table mountain

tankwa karoo

tsitsikamma

west coast

wilderness

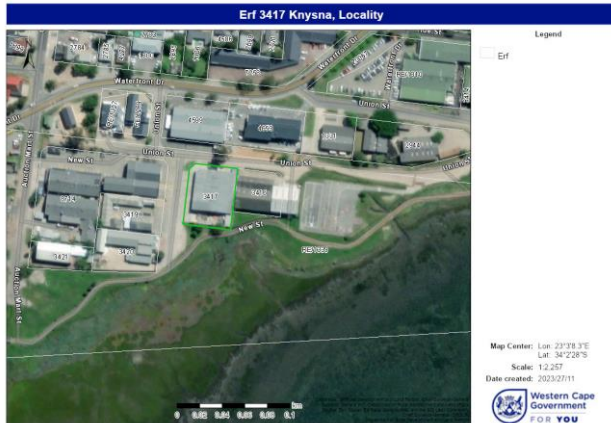


Plate 2: Erf 3417 Knysna, Cape Farm Mapper, 27 November 2023.



Plate 3: The area of the proposed construction is within Erf 3417, inside the courtyard and existing building area.



Plate 4: View from outside of Erf 3417, looking south-west towards the Knysna estuary.



Plate 5: A *Ficus sur* (Broomcluster fig) tree is growing in the building boundary wall.



Plate 6: Proposed construction area, Phase 1A, within Erf 3417, within courtyard area. Flammable liquid/ hazardous chemicals store, currently stored in the white metal container.



Plate 7: Proposed construction area, Phase 1A, within Erf 3417, within courtyard area, looking towards entrance road. This area will be roofed.

SANParks requested that a registered Environmental Impact Assessment (EAP) Practitioner prepare an Environmental Management Plan (EMP) for the Construction and Operational activities at Kinetic Catamarans. EcoRoute were appointed by Kinetic Catamarans and submitted on the 10th November 2023 Draft EMPs for Construction and Operation, as attached. These EMPs are 'living documents' and are to be continuously updated to accommodate changing circumstances, in consultation and with approval from SANParks. The EMPs are applicable to current and future refurbishment and expansion activities.

Based on the content of the Draft EMPs, SANParks hereby approves the construction of a Finishing Bay (Phase 1A) and Production Line Structure (Phase 1B) on Erf 3417 and authorisation in terms of Regulation 8 (1) of the Regulations for the Proper Administration of the Knysna Protected Environment (GN 1175 of 2009) is hereby granted for the said activity, on condition that the following are adhered to:

1. All work should take place within the current building footprint, as per MarkiTec Drawing No.: 200, dated 1/04/2023. As such the "replacing like for like principle" will apply.
2. No pollution or dumping along the edge of the Knysna Estuary is permitted. All waste must be removed from site to a registered dump site.
3. All demolition and construction work must be managed, with screens and other preventative measures, to ensure that no solid waste or water pollution occurs.
4. The flammable liquid/hazardous chemicals store must be moved to the northern section of the factory away from the estuary side of the factory, subject to the Knysna Municipality Fire and Rescue Service's approval.
5. Compliance is required with all required Knysna Municipality by-laws, particularly Community Fire Safety, Integrated Waste Management, and Water and Sanitation.
6. The Draft Construction and Operational Environmental Management Plans, as prepared by EcoRoute must be strictly adhered to.
7. A suitably experienced independent Environmental Control Officer (ECO) who will monitor the construction process and rehabilitation/mitigation measures periodically must be appointed.
8. A Method Statement must be prepared by the Contractor, and this must be approved by the EAP, ECO and SANParks prior to the start of construction taking place.
9. The Applicant is required to comply with Section 28 of National Environmental Management Act (NEMA) (Act 104 of 1998 as amended) (Duty of Care) which states, *"Every person who causes, has caused or may cause significant pollution or degradation of the environment must take reasonable measures to prevent such pollution or degradation from occurring, continuing or recurring, or, in so far as such harm to the environment is authorised by law or cannot reasonably be avoided or stopped, to minimise and rectify such pollution or degradation of the environment."* Any action that causes wilful degradation of the environment may constitute a breach of this Duty of Care and the penal provisions of NEMA will apply.

Please contact Dr Vanessa Weyer on 044 302 5613 prior to commencement of the activity.

SANParks officials may visit the site while work is in progress to verify that all works are being completed according to this Authorisation.

Should any of the requirements not be met, SANParks reserves the right to withdraw this Authorisation, without any claim against SANParks.

SANParks reserves the right to revise comments if additional information becomes available.

Yours sincerely



Dr Vanessa Weyer

Principal Planner

SANParks Garden Route National Park

CC:	Pat Bopape	SANParks
	Elmonique Petersen	SANParks
	Pam Booth	Knysna Municipality
	Mark Gale	MarkiTec
	Leon Scheepers	Kinetic Catamarans

Attached: Draft Environmental Management Plans for Construction and Operation

Section 2



Manufacture of Full Carbon Fibre Epoxy Resin Catamaran Yachts

Applicable for Phase 1 & 2

Section 1: General construction activities at Kinetic Factory

Section 2: Operations of the factory after construction and upgrading.

Location site – Erf 3417 (phase 1) & 3416 (phase 2)

12 New street

Knysna

6570

1. OPERATION AENVIRONMENTAL MANAGEMENT PLAN

A. DECLARATION

I the undersigned in my capacity as designated below to hereby undertake to ensure that the conditions and recommendations in terms of the Environmental Management Plan (EMP) for the renovation, upgrading, and construction activities in a National Park are implemented and assume responsibility and accountability in this respect.

I further understand that officials from SANParks may during any phase of the project, conduct an inspection of the development in order to ensure compliance with the conditions and recommendations in the EMP.

EMPLOYER

Name:.....

Signature:.....

Date:.....

CONTRACTOR

Name:.....

Signature:.....

Date:.....

OPERATIONAL ENVIRONMENTAL MANAGEMENT PLAN

1.1 GENERAL

Definition of an “**Operational Environmental Management Plan**”: (OEMP)
is required to address the protection and ongoing management of the natural environment on and off the site during the operational stages of the Factory operations.

The OEMP will:

- ☐ Address the environmental impacts of the factory operations during and after the proposed development has been completed.
- ☐ Minimise the extent of impact of the building process of the yachts has on the environment long term.
- ☐ Ensure Air pollution is kept to an absolute minimum
- ☐ Prevent any potential discharge into the estuary from the factory during operations via the run off areas

1.2 OBJECTIVES OF THE OEMP

The key objectives of OEMP are summarised as follows:

- ☐ Compliance with environmental law and project commitments
- ☐ Avoidance, minimization and or mitigation of environmental impacts
- ☐ Facilitate the timely distribution of information and increase awareness
- ☐ Manage assets & risks in accordance with design criteria
- ☐ Provide a guide to the management and notification of environmental incidents
- ☐ Effective response to community requests and complaints; and
- ☐ General improvements in environmental maintenance methods.

The OEMP also serves to highlight specific requirements that will be monitored during the operation of the factory and should the environmental impacts not have been satisfactory prevented or mitigated; corrective action will have to be taken. The document should, therefore, be seen as a guideline that will assist in minimising the potential environmental impact of activities.

Definition of “**mitigation measures**”:

Mitigation seeks to find better ways of doing things, by the implementation of practical measures to reduce, limit, and eliminate adverse impacts or enhance project benefits and protect public and individual rights.

The OEMP also defines the arrangements that will be put in place to ensure that the mitigation measures are implemented by the management team at the factory to prevent any impact on the environment

1.3 COMPONENTS OF THE “OEMP”

1.3.1 Introduction

This OEMP adopted a precautionary approach, or in the case of management recommendations, a philosophy of ‘best practice’. Mitigation measures may then be of a more generic nature without compromising its importance to be implemented. Therefore, the purpose of this OEMP is to draft and maintain a detailed management plan that, if put into practise, will effectively prevent/minimise environmental degradation.

1.3.2 The OEMP Risks

1.3.2.1 Solid Manufacturing Waste Management

The intention of the new factory is to increase the footprint area and to allocate internal space for day-to-day waste collection. These will be located on the north western corner of the site at the furthest point away from the estuary as this is where the production line commences and the majority of the Off cuts are produced.

All manufacturing waste is stored in sealed containers to prevent leeching into the environment.

1.3.2.2 Waste in the form of Dust Control

Currently all timber and CNC cutting areas have filtered extract systems that collect the waste and all the dust particles to be disposed of efficiently.

The intention in the second phase is to introduce a centralised dust collection system that can manage the dust extractions via a separate system preventing any dust particles from exiting the building. The system will include filters that can be changed and cleaned on a regular basis.

All Painting processes are contained and air filtered. The intention in the second phase is to construct a dedicated paint filtration system.

1.3.2.3 Discharge of Sewerage into the Municipal line

The management team are aware of the potential risk that poses pollution on the sewer system that backs up when there is load shedding and could implement a system to notify the municipality or the parks board of potential overflowing and pollution risks near the facility.

In the event of the local municipality not coping with the sewage system the use of the conservancy tank can be increased to accommodate the issue.

1.3.2.4 Fire Risk and Pollution of water course

- ☐ The Flammable liquid store will be moved to the northern section of the factory away from the estuary side of the factory.
- ☐ The reaction agents have been separated for the main materials.
- ☐ The Factory will be introducing additional fire protection measures in phase 2 to reduce the risk of fires spreading within the building.
- ☐ Smoke controls will be installed on all ventilation ducts limiting the smoke and heat expulsion allowing the fire systems to operate correctly.
- ☐ All Fire protection measures will be checked on an annual basis as per the legal requirement.
- ☐ A bunded area can be formed to the southern side of the factory to store any fire fighting water from entering the estuary directly. This will need to be agreed with all stakeholders.

1.3.3 Failure to comply with OEMP

The factory management team will be responsible to maintain a reasonably safe and environmentally sound operation from these premises.

2. DESCRIPTION OF MITIGATION MEASURES

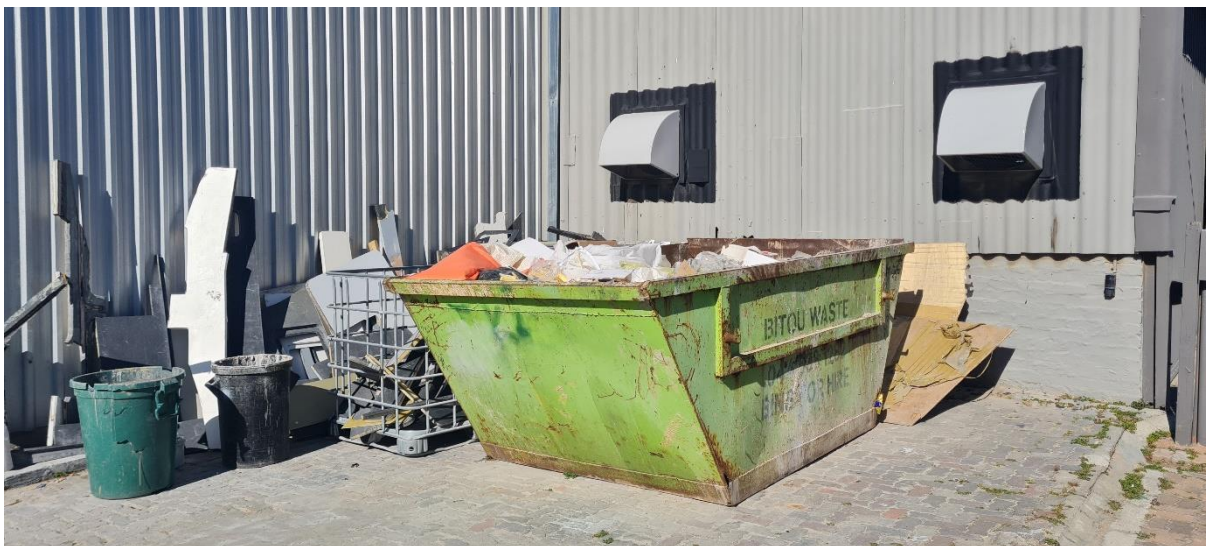
The Factory management team are continually introducing new measures to be more environmentally conscious and will endeavour to implement more efficient and environmentally sound procedures wherever feasible.

2.1 MONITORING OF OEMP AND IMPLEMENTATION

The correct and successful implementation of impact mitigation measures in order to reduce adverse impacts on environmental conditions needs to be ensured by a proper monitoring programme. Monitoring of the general implementation of/adherence to the EMP, shall be the responsibility of the ECO. Reporting on adherence/compliance to stipulations as communicated to contractors, shall take place during scheduled site meetings.

Appendix 1

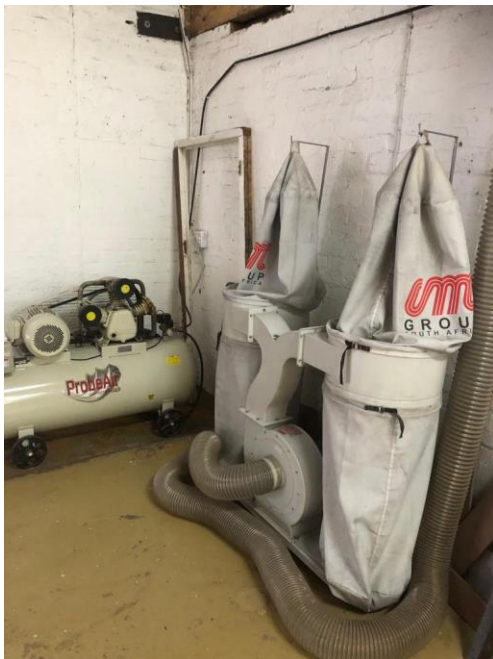
Photos of Solid waste to be stored within the factory in Phase 1b



Dust Extraction control



Existing Timber dust extractions systems



Existing CNC cutting area dust extraction system



Proposed Filtered extractions systems.

Fire ventilation Dampers



Fire Detection System

