

# PROJECT *Briefing*

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## RIVER RESTORATION



### *Phase 1*

Ocular visit and launching of the project. This phase involves the preliminary tests of different parameters concerning to the ways on how to restore the Sapang Balen.



### *Phase 2*

Search for funding and LGU collaboration. This will allow the project to proceed to advance tests such as heavy metal, formulation of briquettes and activated carbon, and such.



### *Phase 3*

Continuity/sustainability of the project to ensure that the project is impactful.

MCC - IAS



Madapdap, Mabalacat City



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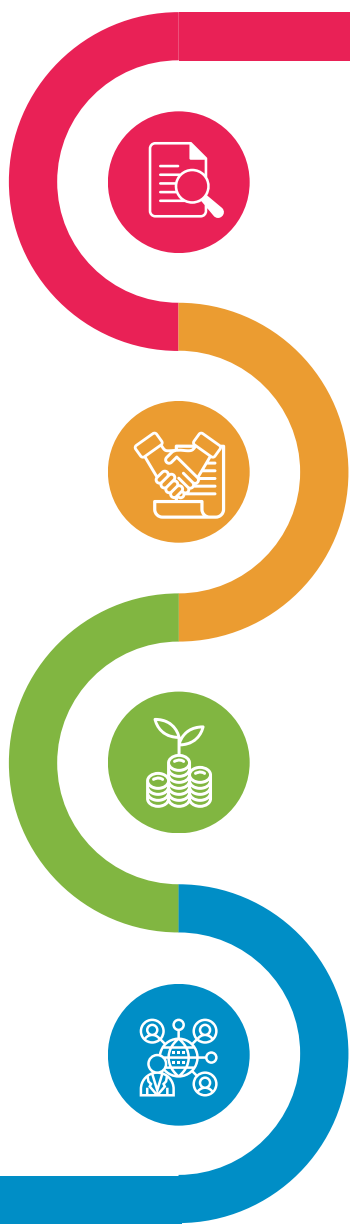
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# OBJECTIVE OF THE PROJECT

This project targets the restoration of Sapang Balen, in terms of the quality and quantity of the flora and fauna.



### SOP#1

What are the current status of Sapang Balen in terms of;  
A. Physical;  
B. Chemical; and  
C. Biological?

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### SOP#2

What are the identified species of flora and fauna in Sapang Balen?

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### SOP#3

Are there significant differences in the results of assays/tests conducted in the Sapang Balen namely;  
A. Physicochemical parameters;  
B. Potability;  
C. Trace of Microplastic; and  
D. Trace of Heavy metals?

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### SOP#4

What are the intervention strategies to be applied in Sapang Balen to alleviate the quality and quantity of the freshwater ecosystems?  
A. Phytoremediation using Aquatic Macrophytes;  
B. Application of Activated Carbon generated from Balakat Tree;  
C. Charcoal briquettes derived from Water Hyacinth;  
D. Installation of Modified filter revetment; and  
E. Application of Plant-based flocculants.