

# MUDBALL ACTIVITY AT SG. TEBRAU

## Organized by:

Alpha Industries Sdn Bhd

## Collaboration With:

Sekolah Kebangsaan Kangka Tebrau  
Jabatan Pengairan & Saliran Negeri Johor  
EM Malaysia Group Sdn Bhd


## Objective:

To improve river water quality at Sungai Tebrau by using effective microorganism (BOD, COD & AN)



## Participants:


- Alpha's Members : 11 persons
- SK Kangkar Tebrau : 11 teachers & 18 students (Standard 3 until 6)
- Jabatan Pengairan & Saliran Negeri Johor : 2 Officers
- EM Malaysia Group Sdn Bhd : 2 persons



Opening Speech by  
Mr. Sulaiman Shah Bin Siran  
(Alpha Industries Sdn Bhd)



Speech by  
YM Engku Rohiza Sibrab Binti  
Engku Mohd Basri  
(GPK Pentadbiran,  
SK Kangka Tebrau)



Speech by  
Ms. Siti Norina Binti Md. Noh  
(Asst. HR Manager,  
Alpha Industries Sdn Bhd)

On 6<sup>th</sup> August 2022, we carried out the activity at SK Kangka Tebrau @ 8.15am. This session was focus on awareness education on environmental and making mudball.

During this session, Officer from Jabatan Pengairan & Saliran Negeri Johor had shared the awareness about river in Malaysia and activity that was conducted at river surrounding Johor Bahru. Meanwhile, representative from EM Malaysia Group Sdn Bhd had also shared benefit of mudball and his past experience on mudball activities.

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## 1<sup>st</sup> Session:

En. Abdullah Bin Ismail, Managing Director of EM Malaysia Group Sdn Bhd had briefed on background and benefit of mudball and his past experiences on mudball project which conducted in Malaysia and Japan.



## 2<sup>nd</sup> Session:

En. Muhamad Diah Bin A Manaf, Officer from Jabatan Pengairan dan Saliran Negeri Johor. He had shared river condition surrounding Johor Bahru, implementation of river making project to mitigate the flood occur and the important of river.



## 3<sup>rd</sup> Session:

Puan Siti Norina Binti Md Noh, representative from Alpha had shared the ingredient and process of making mudball.

## 4<sup>th</sup> Session:

En. Abdullah explained to all participants the ingredients to make mudball.

## 4<sup>th</sup> Session:

Grouping arrangement by the school's teacher. Students were divided into 4 groups and together with teachers and Alpha's members.



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Process of making mudball

- 1) Mix all the ingredients
- 2) Make a round shape of mudball
- 3) Keep the mudball in polystyrene box



Ingredient  
of mudball:  
**Topsoil**  
**EM1**  
**EM Bokashi**

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## 5<sup>th</sup> Session:

Participants shared their experience when making mudball, announcement of the group winner who making a perfect mudball and distribution of goodies bag to all participants.



Students

Teachers

Alpha's member

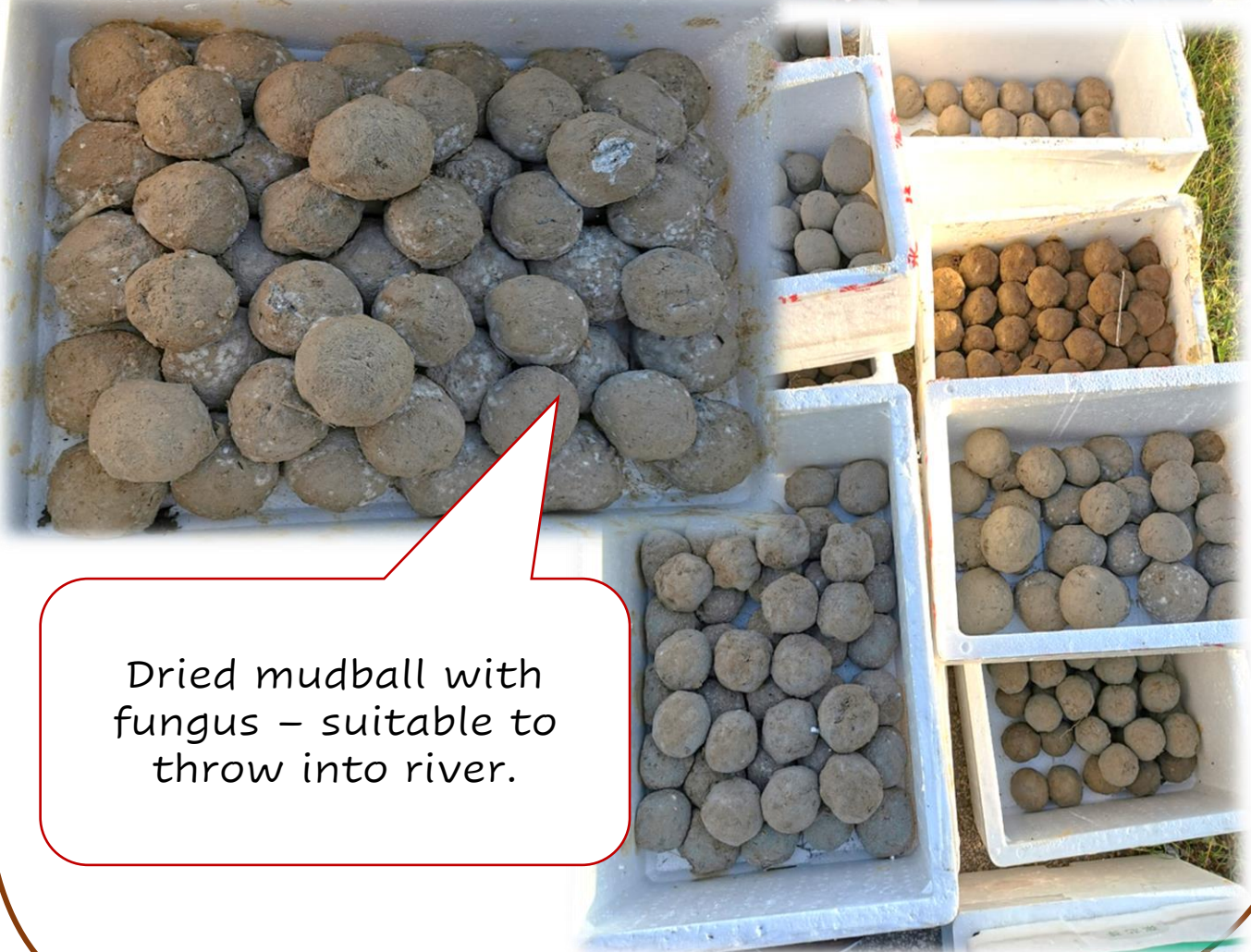
Winner of the day  
**Group 4**



Goodies bag distribution

# MUDBALL ACTIVITY AT SG. TEBRAU

On 24<sup>th</sup> August 2022, we carried out the 2<sup>nd</sup> part of Mudball activity - **throw mudball into Sg. Tebrau**. This session only involved Alpha's members and school students and teachers from SK Kangka Tebrau. The session start at 8.00am and end at 9.00am. 12 persons from Alpha, 10 teachers and 32 students from SK Kangka Tebrau jointly take part at this activity.



Dried mudball with fungus – suitable to throw into river.

# MUDBALL ACTIVITY AT SG. TEBRAU

Students and teachers walking from school heading to river location



Opening and recap session by  
Pn. Siti Norina Binti Md Noh



Briefing session by  
En. Sulaiman Shah Bin Siran



Students and teachers divided into 3 groups

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Activity start to throw mudball were led by Mr. Yotaro Irie (Managing Director of Alpha Industries Sdn Bhd), En. Jasmin Bin Jais (Operation Technical Director of Alpha Industries Sdn Bhd), Puan Che Norizah Binti Che Omar (Headmaster of SK Kangka Tebrau) & YM Engku Rohizah Sibrah Binti Engku Mohd Basri (GPK Pentadbiran of SK Kangka Tebrau)



Students & Teachers



Alpha's Members



Mudball inside the river



# MUDBALL ACTIVITY AT SG. TEBRAU



Recap sharing by student of SK Kangka Tebrau, "Adik Awal" on the mudball ingredients and how to make it



Closing speech by Headmaster, Puan Che Norizah Binti Che Omar

Souvenir from SK Kangka Tebrau

