

TOWARDS HEALTHY WATERSHEDS PHASE 4: 2024 - 2030

Working Actively Through Education and Rehabilitation (W.A.T.E.R) Project was launched in 2007 by SPARK Foundation, collaborated with Global Environment Centre (GEC), and supported by key Government agencies. This project is carried out in four (4) phases with different focus areas. The fourth phase in 2024 is focusing Towards Healthy Watersheds agenda.

MAIN GOALS



To carry out water stewardship initiatives in targeted watersheds.



To empower proactive river leadership among target groups mainly local community

STRATEGY

1

Healthy Selangor River Basin

2

Living Klang River Basin

3

Proactive River Leadership

INITIATED BY:



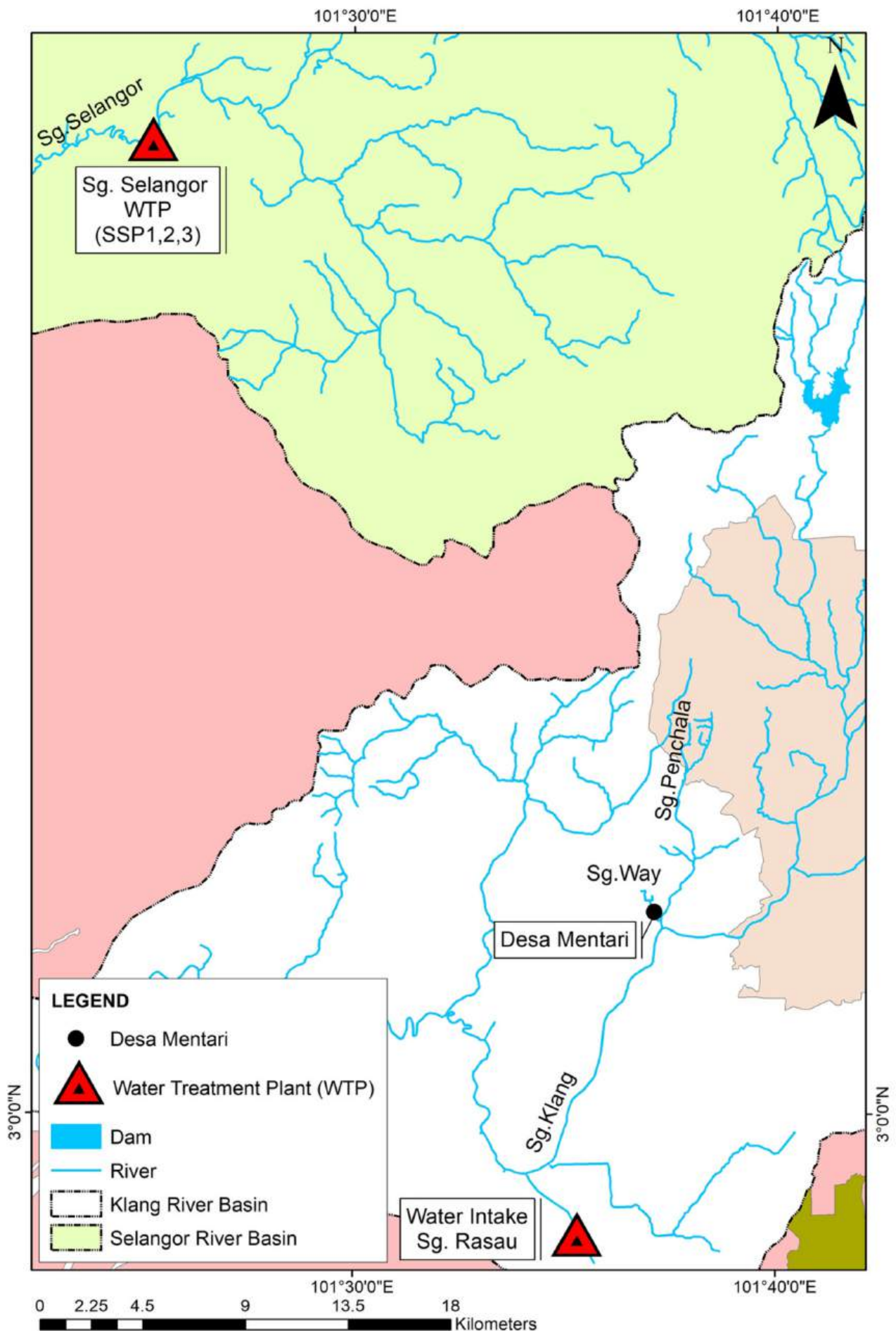
Global Environment
Centre



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W.A.T.E.R PROJECT: PROJECT SITE



ACTIVITY 1

305 M CLAY DYKE MAINTAINED AT RAJA MUSA FOREST RESERVE



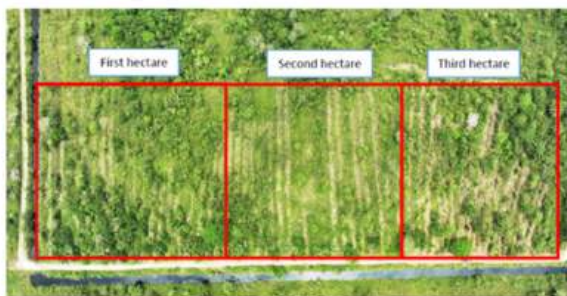
Note: No peat fire since claydyke construction and biodiversity enhanced.



ACTIVITY 2

REFORESTATION AT RAJA MUSA FOREST RESERVE

a. Maintenance of 3 hectare of tree planting site



19 September 2023



03 December 2024

b. Enrichment planting at first hectare

A total of 300 high-quality species trees were planted in the first hectare plot.

Plant species that was planted:



Gonystylus bancanus
(Merawan Gapis)



Shorea platycarpa
(Meranti Paya)

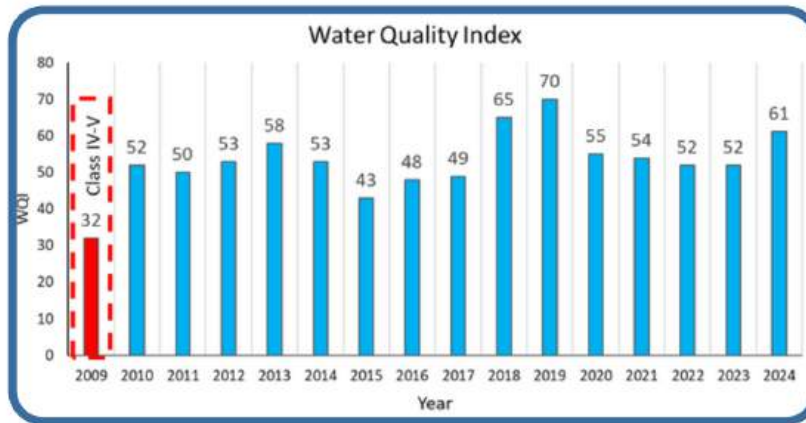


Calophyllum inophyllum
(Bintangor Paya)

ACTIVITY 3



RIVER HEALTH MONITORING: WATER QUALITY INDEX (WQI) AT SG WAY



The average water quality for Sungai Way maintained at Class III.

RIVER MONITORING: CURRENT STATUS AT SUNGAI WAY & BUKIT KIARA

Biological Indicator: Benthic Macroinvertebrates

a) At source of Sungai Penchala (Bukit Kiara)

Note: High score indicates good indicator



Score: 10
Mayfly Nymph



Score: 10
Stonefly nymph



Score: 8
Freshwater prawn



Score: 8
Dragon fly nymph



Score: 5
Pond Strider

b) At Sungai Way



Score: 3
Ramhorn snail



Score: 6
Pagoda snail



Score: 3
Mystery snail

ACTIVITY 4



A TRAINING SESSION WITH F & B BUSINESS COMMUNITY

📍 Bilik Gerakan MBPJ 📅 25/06/2024

A best management practices session for the F&B businesses community in Petaling Jaya was conducted with the support of Majlis Bandaraya Petaling Jaya (MBPJ) in conjunction with the 18th Anniversary Celebration of Petaling Jaya City.



Business Forum



ACTIVITY 5

RIVER RANGER TRAINING

📍 Bestari Jaya 📅 15/09/2024 (In conjunction with World River Day 2024)

Four community groups have been trained in river health focusing on water quality monitoring and pollution reporting. A total of four river monitoring kits were distributed to Kampung Sungai Darah, Taman Suria, Kampung Bestari Jaya, and Kampung Bukit Badong respectively. Each group to monitor targeted river stretch quarterly.



Post Activity: Quaterly River Monitoring



Kampung Bukit Badong



Kampung Bestari
Jaya



Kampung Sungai Darah



Taman Suria

ACTIVITY 6



EDUCATION TRIP TO WATER TREATMENT PLANT & ONE OFF COMMUNITY SEED GRANT GIVING ACTIVITY

📍 Sungai Semenyih

📅 10/08/2024



The Educational trip to WTP inspired the river community to recognize the vital importance of safeguarding river; our precious source of water supply.



The community seed grant of RM2000 (each) has been awarded to nine selected WATER project communities to undertake localized initiatives to protect rivers.



ACTIVITY 7

RAIN WATER HARVESTING SYSTEMS

There are 32 Rainwater Harvesting (RWH) systems established so far to support non potable usages of communities.



Klang River Basin
15 RWH's



Selangor River Basin
17 RWH's



ACTIVITY 8



STAKEHOLDER ENGAGEMENT & OUTREACH

RA Section 22 Community Garden Establishment

KL Earth Day 2024



Sungai Way Clean Up



River Walk & Support for FOBK to protect the source of Sungai Penchala in Bukit Kiara.





12 COMMUNITY GARDENS ESTABLISHED/SUPPORTED

a. 9 community gardens at Klang River Basin



Taman Mayang Emas, PJ



TTDI Edible Garden, KL



Sungai Way Community Centre, PJ



Kebuniti RA 22, PJ



Seksyen 19, PJ



Blok 1 Desa Mentari, PJ



12 COMMUNITY GARDENS ESTABLISHED/SUPPORTED

a. 9 community gardens in Klang River Basin (cont.)



Blok 3 Desa Mentari, PJ



Blok 5 Desa Mentari, PJ



Blok 11 Desa Mentari, PJ

b. 3 community gardens in Selangor River Basin



Kebun Komuniti Ijok



Kebun Komuniti Rantau Panjang 1



Kampung Bestari Jaya