

WATER STEWARDSHIP AGENDA II 2021 - 2023

Circular 2023

WATER
PROJECT

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), supported by key government agencies. This project is carried out in three (3) phases with different focus areas. The current (third) phase focused on the second part of Water Stewardship Agenda.

Protect the shared water resources

MAIN GOAL

Sustain and enhance Sg Way as a model urban river in an industrial zone

Mobilize local communities towards active involvement in river management & watershed protection

Support urban poor & rural communities with alternative water supply systems to mitigate water disruptions

STRATEGY:

1

REHABILITATION AND AWARENESS ON RIVERS AND WATER SOURCE

1.a Wetland planting



Umbrella plant
Cyperus alternifolius

1.b Establishment of Sg Way Urban River Classroom (3 Stations)



Station 1:
River Within River

Station 2:
River Health
Monitoring
Site



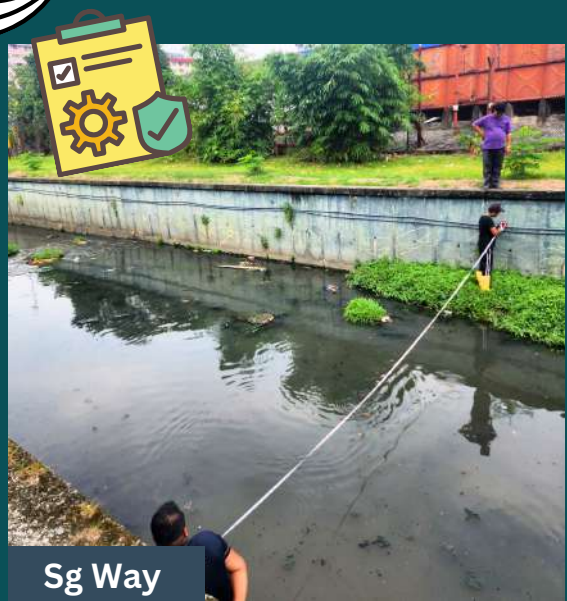
KELAS TERBUKA SUNGAI BANDAR: SUNGAI WAY
STESEN 2: TAPAK PEMANTAUAN KESIHATAN SUNGAI



Station 3:
Sungei Way
Community River
Information Center



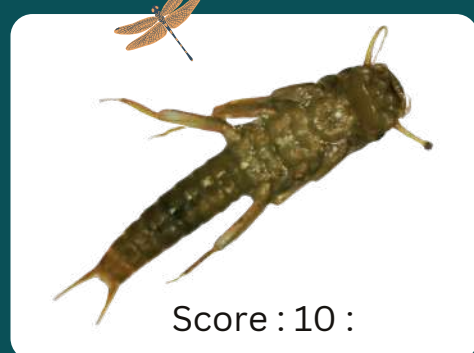
1.c Water quality ,Hydrology & Biodiversity study



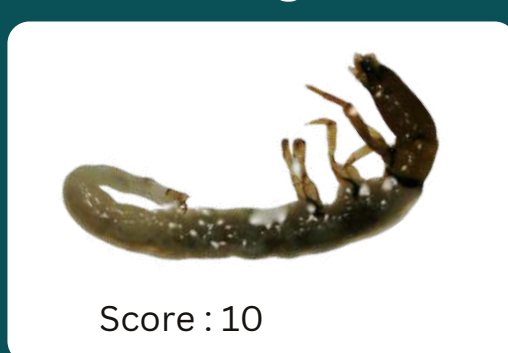
Water quality, hydrology and biodiversity study was conducted at the Source of Sg Penchala (Bukit Kiara), Sg Penchala and Sg Way.

Benthic macroinvertebrates

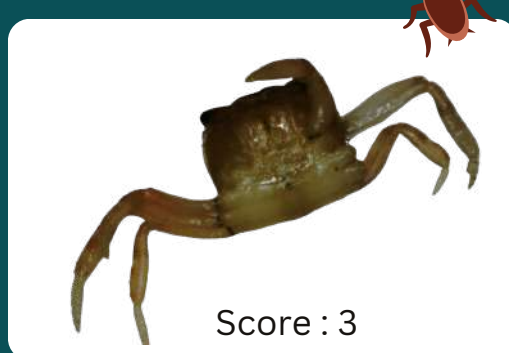
a) At Source of Sg Penchala



Stonefly nymph



Caddisfly nymphs



Freshwater crab



Mayfly nymph



Black Soldier nymph

Photos taken at source of Penchala River (20 Oct 2023).

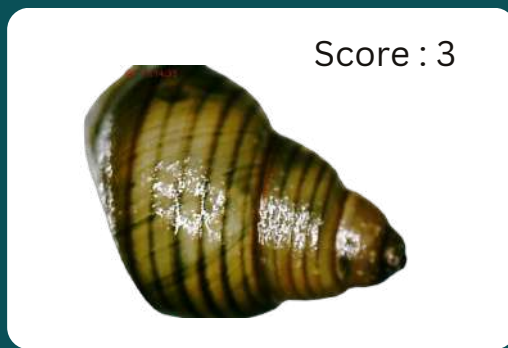
b) At Sg Way



Aquatic soil worm



Ramshorn snail



Mystery snail

Photos taken at Sg Way River (21 Nov 2023).

STRATEGY : 2 ALTERNATIVE WATER SYSTEMS



In total 24 Rainwater Harvesting (RWH) system are maintained and functional with the water used for watering and external washing.

STRATEGY :

3

WATERSHED HEALTH PROTECTION



3.a Reforested
a new third
hectare at Raja
Musa Forest
Reserve

Plant species
that was
planted



Tenggek Burung
Melicope lunu-ankenda



Pulai
Alstonia scholaris

3.b Maintenance of 305 m of clay dyke



STAKEHOLDER ENGAGEMENT

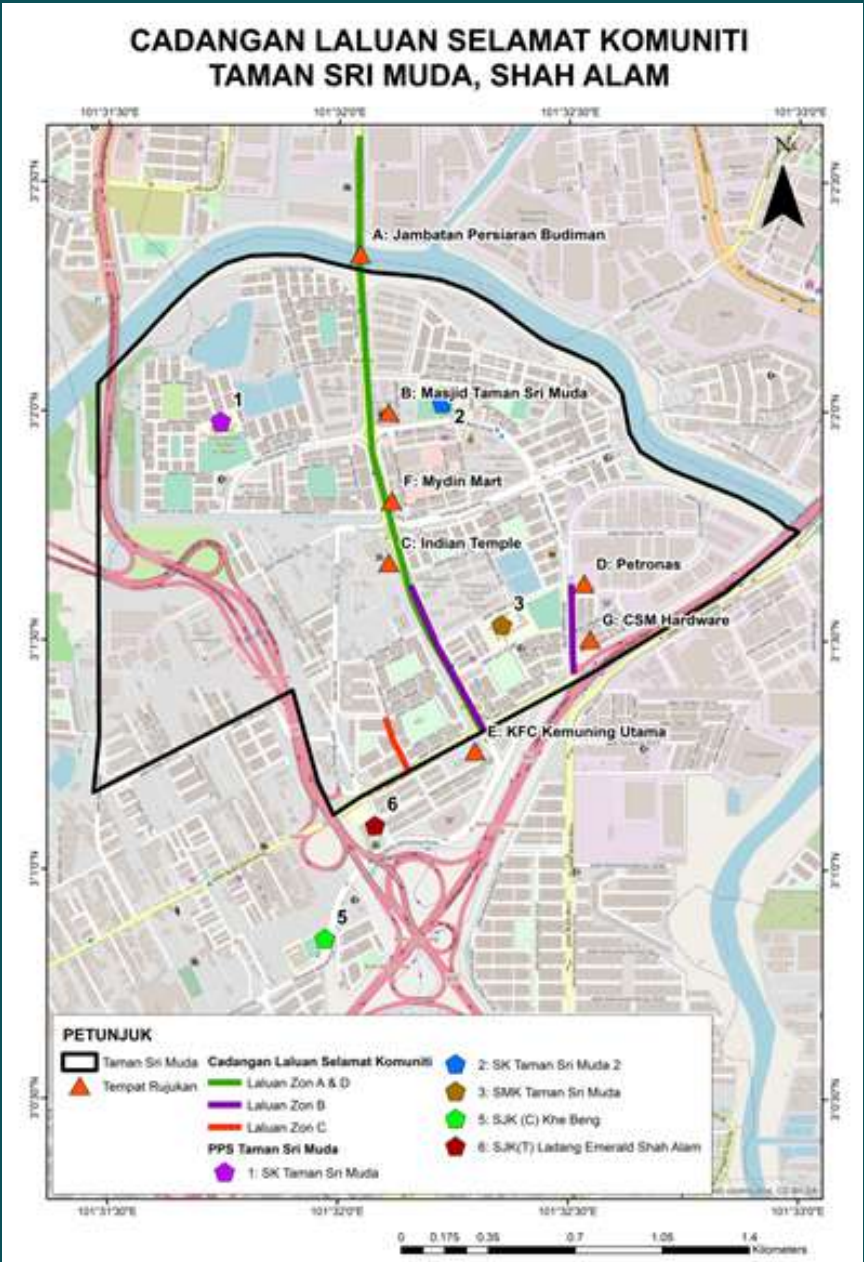
4

: STRATEGY

Evacuation route enhanced
(concreted) at Taman Sri
Muda



4.a Taman Sri Muda Community-
based Flood Hazard Map



4.b Community engagement



Community gathering session conducted on 25 June 2023 at Section 19 Community Garden



Composting learning session at Section 19 community garden



Block 3 community garden clean up

4.c Stakeholder engagement through Sg Way Clean Up activity

Three times river clean up activities were conducted at Sg Way River with various stakeholders



23 September 2023



25 November 2023



20th May 2023

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