

Marina Barrage activity sheet answers

Gallery 1

1) National Energy Efficiency Committee 2) Singapore practises sound management, transportation and disposal 3) Lined with the warehouses of merchants who used the waterways to transport goods to ships anchored in Singapore harbour 4) The government led a massive 10 year clean up of the river. Hawkers, squatters and pollutive industries were relocated. This was based on the vision of then pm LKY 5) Alfresco dining by clubs, pubs, retail outlets, performances, and fun rides on land and water

Gallery 2 6) There were open sewages choked with filth and debris. The stench produced was unbearable and it became an eyesore. 7) 50litres is required for personal hygiene, cooking, washing and drinking 8) 300million gallons of water 9) 450 pools

10)17 reservoirs in Singapore

11) Water for all: Conserve, Value, Enjoy

Gallery 3

12)Local catchment, imported water, newater and desalination plants

13)2005

14)Natural cleansing systems to prevent litter from entering the water. Plants and natural filters will also clean and treat the water to make it inhabitable by marine life

15)It is landscape so people can get near nature and appreciate its beauty

Gallery 4

16)The crest gates will lower to release excess storm water into the sea

17)It is a dam that acts as a physical barrier to separate the reservoir from the sea

MCQ

18)LKY

19)2 years

20)Water supply, flood control and lifestyle attractions

21)Kallang river, geylang river, rochor canal, singapore river and stamford canal

Gallery 5

Singapore is often ranked as one of the most liveable cities in the world. Where technology helps to maintain a clean and sustainable water supply. And comprehensive waste management keeps our streets and water clean. Where drains and canals undergo transformation into streams and rivers, where people, businesses and government collaborate to care for the environment.

22) 350m

23) Marina reservoir

24) 5 waterways. Rocher canal, Kallang river, Geyland river, Stamford canal, Singapore river.