**LIFEBRIDGE INTEGRATED LEARNING CENTRE**

**GRADE 12 GEOGRAPHY GEOMORPHOLOGY**

1. **FLOW PATTERNS – ASSESSMENT ACTIVITY**

Decide what sort of stream flow is present at each of the following points and give reasons for your conclusion.

Zambesi rapids just below the Kariba dam.

<https://www.pureafricaexperiences.com/wp-content/uploads/2017/01/guide-rafting-rapids-zambezi-river.jpg>

Nahoon river beneath the Batting Bridge in Beacon Bay

Nahoon river at Blue Bend below the hotel

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| **LOCATION** | **FLOW TYPE** | **REASON** |
| Zambesi rapids |  |  |
| Nahoon river below Batting Bridge |  |  |
| Nahoon river at Blue Bend |  |  |

**2 GENERAL ASSESSMENT QUESTION**

The Wangooli canyon, a popular tourist destination, is formed by the Wangooli River and is in a desert region of Western Australia. The Wanggooli River flows strongly all year and the water is used by stock farmers and mining settlements in this arid region. The Wangooli is fed by a single strong, perennial tributary, the Yarra river, about 450 km inland. Plans have been formulated to build a major storage dam across the Yarra river to support large fruit and wine growing estates in the Yarra valley. The people at Wangooli canyon have suggested that the dam should rather be built there in the canyon and water pumped back to Yarra valley by pipeline. You have been asked to give an opinion as a geographer of the wisdom of these proposals.

1. What sort of river is the Wangooli?

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1. What would be the consequences for the Wangooli of damming the Yarra river? Why?

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1. What is your evaluation of the idea of building the dam at the lower end of the Wangooli Canyon?

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