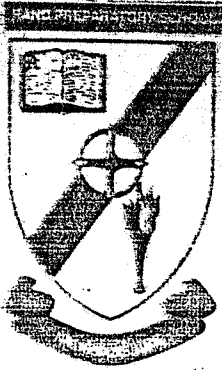


# Rand Prep School

Johannesburg South Africa is on a plateau 6000 feet above sea level. We have hot summer temperatures for example for the last few weeks the highest temperature has been  $30^{\circ}$ . We have warm but dry winters which occasionally get cold the lowest temperature that we have had is  $-2$ . And summer is our rainy season.



# RAND PREPARATORY SCHOOL

74 Sixth Avenue  
Bezuidenhout Valley  
Johannesburg 2094  
P.O.Box 66211  
Broadway 2020  
Tel: (011)618-3331/2  
Fax: (011) 624-2420

Water Project.

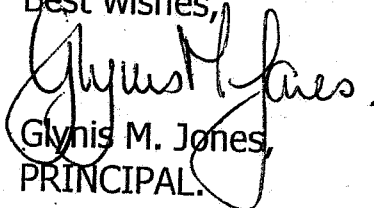
To whom it may concern,

Dear Sir,

Rand Preparatory School is a primary school in Johannesburg, South Africa, the city that has recently hosted the "Earth" summit. Two of our Grade 7 pupils took part in the parallel "children's summit" as our school is a member of Jane Goodall's "Roots and Shoots" environmental awareness organization. We have made environmental awareness our theme for this term particularly, especially emphasising the conservation and care of water. Recent articles in local newspapers suggest strongly that more people die from the effects of dirty water than disease on the African continent. Our senior pupils from Gr. 4 to Gr. 7 have been studying our local river, the Jukskei and are testing different parts of it, to see how clean it is, how much "life" there is etc. and we would very much like to be involved in your project. Please let us know how we may be able to play an active role in the study.

Our teacher who is leading our school study is Miss Rose Nixon and any communication may be addressed to her at the school address or at the following e-mail address – johntex @ netactive.co.za marked for the attention of Rose Nixon.

Best wishes,

  
Glynis M. Jones  
PRINCIPAL.

03.10.02

RAND PREP SCHOOL  
BEZUIDENHOUT VALLEY  
JOHANNESBURG  
SOUTH AFRICA

NAME OF RIVER JUKSKEI RIVER

The Jukskei River which flows through Bez Valley begins at Ellis Park, below the rugby field. It flows through the suburbs of Bertrams, Bez Valley and Kensington. It passes Bruma where a dam was built and a flea-market, shops and businesses were developed some years ago. From Bruma Lake the river flows on through Bedfordview to Gillooly's Farm where once again it has been dammed, forming a small lake in a popular picnic area.

From Gillooly's Farm the river continues north, past Alexandra Township, until it joins several other rivers at Hartebeespoort Dam. The water from this dam flows into the Crocodile River, a tributary of the Limpopo River, which eventually reaches the Indian Ocean.

RAND PREP SCHOOL      JOHANNESBURG      SOUTH AFRICA

JUKSKEI RIVER              BEZUIDENHOUT VALLEY

Here the Jukskei River is contained in an open culvert after flowing under the city streets from its source.

Depth of culvert:      3,25 metres.  
Width of culvert:      4,5 m.  
Depth of water:      Approx. 14 centimetres. ( 22 August )

Depth and flow of water obviously varies, depending on rainfall. In August we had not yet had our first spring rain after our dry winter season.

#### THE JUKSKEI RIVER IN BEZ VALLEY

##### PRESENT CONDITION

The river bed has been enclosed in concrete. It does not flow in its natural river bed. The water is polluted with Coke bottles, crisp packets, plastic, and the water is very dirty. The fence has been damaged, perhaps by homeless people, and it's dangerous because someone might fall in. Rain water also comes into the river and any litter from the streets will be washed down in the river.

There is also a dump next to the river and the rubbish will go into the river when it rains. The water is flowing quite fast in the culvert.