

RIVER WATER STORAGE & REVERSE WATER
FLOW “DR. GERHARD KEMPE PRESIDENT DAIC
LLC CHICAGO

in Cooperation with Kempe Project Management

Mt Cotton Brisbane”

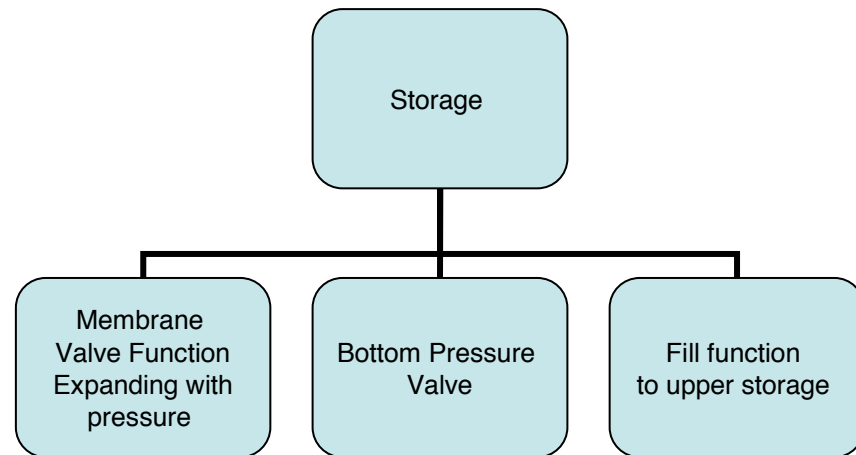
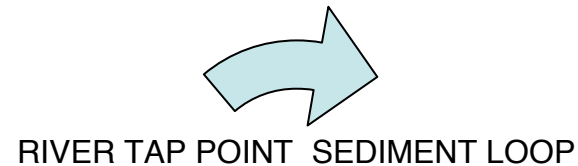
Reduce Ocean Water Input
Keep Ocean Salt Level > Reduce global warming > avoid melt of glaciers
Increase water on land
Increase Humidification of Continent Air
Increase Rain over Continents
Increase plant Matter
Fighting drought & Ocean level rise

River Water Storage & Reverse Water Flow System Target Points

- Keep water on continents – keep ocean salt level – avoid global warming
- Low energy input = gravity
- Low maintenance input = concrete
- High cost efficiency = gravity techniques
- High consistent and cost effective Flow Quality + valve function

River Reverse Water Flow Tapping Point

- River Level reached which allows
- 450mm below water level pipe opening to avoid surface obstacles
- Leading flow into sediment zone where current carried matters sink to ground



River Reverse Water Flow Engineering

- ! Target Filling pressure – obstacle free flow - ?
Sediment ? Swimming obstacles
- Side flow filter clearing? Filter exchange clearing
- “Stair case mini pond ” sediment clearing
- ! Height Design – Storage Depth
- >versus< Distance in height and meters to higher
storage = cost efficiency

(6 meter depth >< 4 meter height distance)

! Outlet pipe diameter – Outlet pipe pressure -

Storage volume cost efficiency >< ! Inland transport and fill
- extra energy for pumping from river

RIVER WATER STORAGE REVERSE WATER FLOW

storage volume $r \times r \times \pi \times \text{depth}$

- 3 m Radius and 6 m depth 180,000 liters
- Distance from River after sediment loop
- Allow width of River Reverse Water Flow
- 35 meters – one side \times both sides of river
- 180,000 liters = cost \$ 6,000.00 filled 50 times per year = 9 Million Liters of water x upstream capacity (flow capacity = volume x time) multiply 100 = 900 million liters of water
- = cost per liter of water 1.5 Cents per liter

BACTERIA & ALGAE & SALMONELLA

- OXYLITE TREAT cost 0.6 Cents per 1000 liters – if required – whenever required

OXYLITE ACTIVE 48 Hours

Disintegrates in water and salt

= Drinking Water quality

! Sediment ! Chemical ! Physical ! Bio-matter
clean storage ?

RIVER REVERSE WATER FLOW

- ??? Target requirements met
- !!! Cost - efficient – 1.5 C per Litre
- !!! Hygienic – Bio-matter clean ?
- !!! Sediment Problems conquered ?
- !!! Energy conserving ?
- !!! Chemical Free ?

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?? Other Solutions??

- Pump water from rain-forest- mountains
1000 miles >< cost
- Rain Rituals Dance – Past Experience
- Explode Clouds with crystals ? It rains only
once where ?
- Plant Leave mulch – wines – ?Time
- Pump desalinated sea water >< cost
- Drought relief payments & subsidies

RIVER REVERSE WATER FLOW

- GO TO SLIDE ONE
- GO TO SLIDE THREE
- GO TO SLIDE TWO
- GO TO SLIDE FIVE
- GO TO SLIDE FOUR
- GO TO SLIDE ONE