

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

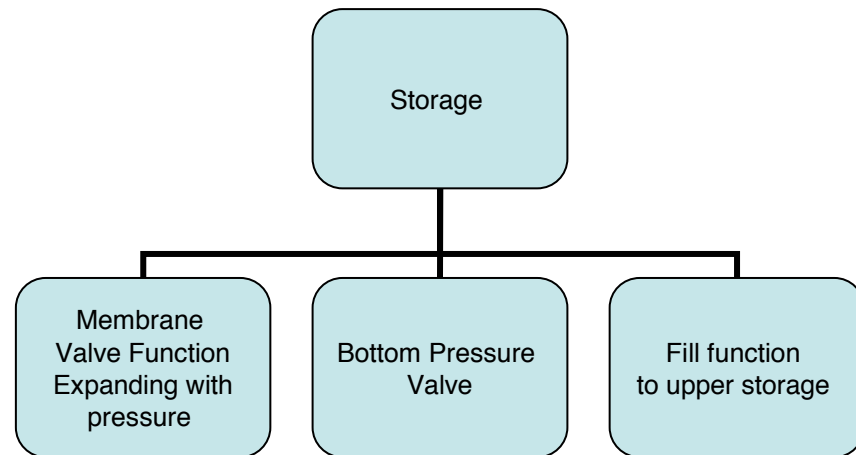
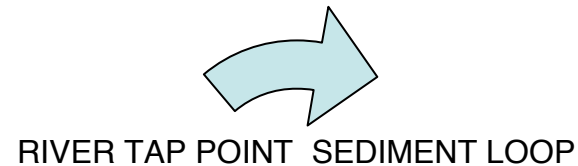
Reduce Ocean Input
Increase water on land
Increase Humidification of Continent Air
Increase Rain over Continents
Increase plant Matter
Fighting drought & Ocean level rise

River Reverse Water Flow System Target Points

- Low energy input = gravity
- Low maintenance input = concrete
- High cost efficiency = sedimental techniques + gravity
- 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 sedimental zone



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 ” sedimental clearing
- ! Height Design – Storage Depth
- $>vs<$ 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

RIVER REVERSE WATER FLOW

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

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

BACTERIA & ALGAE & SALMONELLA

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

OXYLITE ACTIVE 48 Hours

Desintegrates in water and salt

= Drinking Water quality

! Sedimental ! 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