



Latrobe Council



Preserving the Past ... Promoting the Present ... Planning for the Future

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December 1, 2016

Brian Edmonds,
Government Flood Review Team
GPO Box 308,
HOBART TAS 7001

Dear Brian,

FLOOD REVIEW

Please find enclosed correspondence received by Latrobe Council from Mr. Geoff Chilcott in relation to a suggestion to minimise future flooding through a 'Filter Dam'.

We have advised Mr. Chilcott that this information will be forwarded onto the Flood Review Team.

Yours sincerely,

Gerald Monson
GENERAL MANAGER

The FILTER DAM. 24-7-16

Originally this letter was for the examine newspapers.

I rang them yesterday and asked if they intended doing a story about my idea. they said they were not sure yet if.

IF they are interested.

Can you imagine \$100,000,000.00 of destruction, you would think ANY idea would be of interest. ANY.

But do stories of mass destruction sell newspapers? you tell me.

maybe that's their view I don't know.

just talk about it - it's a huge problem it will take a huge effort to solve it.

gent Prof. Dr. Philo.



The FILTER DAM.

15-0-10

Geoff Chilcott.
495 LILYDALE RD
UNDERWOOD. 7268

...TW/MC

Dear Sir OR MADAM,

I SPOKE TO SOME ONE IN YOUR OFFICE TODAY AND WAS GIVEN THE VIEW THAT IF I WROTE MY IDEAS TO YOU YOU WOULD PUBLISH THEM IN OUR LOCAL NEWSPAPER (EXAMINER) I HAVE BEEN TRYING TO TALK TO MR. NIKOLIC FOR A LONG TIME BUT HE HAS NOT EVEN REPLIED TO ME.

SO A FEW WEEKS AGO I CONTACTED MR. HART AND HE SAID THAT HE WOULD CONTACT ME IN THE NEXT FEW DAYS, THAT WAS 3 WEEKS AGO.

SO I AM HOPING YOU WILL NOT LET ME DOWN ON TRYING TO GET COMMON SENSE OF THIS ISSUE.

MY PLAN WILL STOP THE SILT AND STOP THE DESTRUCTION WE HAVE SEEN IN THE LAST FEW WEEKS. IN THE RIVERS.


ONE FARMER SAID OF MY PLAN.

(IT WON'T WORK GEOFF, BECAUSE IT IS TOO SIMPLE ITS TOO EASY THEY WON'T LISTEN) ITS COMMON SENSE.) SO I'M ASKING YOU TO JUST GIVE IT A RUN AND SEE WHAT PEOPLE SAY.

AT THE MOMENT IT WILL COST \$100,000,000.00 TO CLEAR UP THE MESS AND WHEN THEY HAVE CLEARED UP THE MESS AND SPENT \$100,000,000.00 THEY HAVE GOT NOTHING I DON'T PROFESS TO KNOW WHAT ONE FILTER DAM WILL COST BUT IF EACH MAIN RIVER HAD ONE FILTER DAM ON IT WE MAY NEVER HAVE TO SPEND THAT \$100,000,000.00 AGAIN.

ANOTHER THING THAT CONCERNS ME IS THE RAKING OF THE RIVER, IT IS MY GUESS THAT IF YOU LIFT THE SILT TO MAKE IT FLOW DOWN THE RIVER, IT WILL ONLY FLOW SO FAR AND SINK AGAIN. SO WHEN IT SINKS TO THE BOTTOM EACH TIME IT IS RAKED UP STREAM, THE BOTTOM WHERE IT SINKS WILL GRADUALLY BUILD UP. SO IF THE BOTTOM BUILDS UP 3 OR 4 KILOMETERS DOWNSTREAM THAT WOULD SHOW THE FLOW FROM WHERE IT IS RAKED FROM. WHICH IS LAUNCESTON AREA. WOULD THIS BE ONE REASON WHY IT WAS SO HIGH IN THE LAUNCESTON AREA? MY AIM IS TO STOP THE SILT GETTING TO LAUNCESTON.

The FILTER DAM.

I have enclosed my  BENEFITS OF THIS IDEA AND DRAWINGS TO INDICATE MY PLAN AND HOW IT WOULD WORK. I HAVE NO LETTERS OR NUMBERS AFTER MY NAME BUT I HAVE CREATED AND MADE A LOT OF USEFUL THINGS IN MY TIME. VERY SELDOM DO MY IDEAS FAIL.

LAST WEEK WAS THE FIRST TIME IN BIG FLOOD HISTORY THAT THE MEANDER SHOP DID NOT GO UNDER.

THE REASON WAS THAT THE DAM HAD BEEN BUILT TO RAISE THAT DAM 300 MM. IT HAD TO BE HEAVY RAIN NOW JUST IMAGINE IF THE MEANDER DAM WAS EMPTY BEFORE THE FLOOD. THERE WOULD BE NO FLOOD. THATS WHAT THE FILTER DAMS WOULD DO.

THERE ARE MANY AREAS IN THE RIVER SYSTEMS THAT COULD BE USED FOR A FILTER DAM TO BE PUT IN.

THE WATER WOULD ONLY BE IN THE DAM AREA FOR LESS THAN A WEEK SO IT WOULD HAVE LITTLE EFFECT ON THAT AREA. UNLESS FARMERS WANTED TO STORE SOME WATER FOR SUMMER USE. THATS ANOTHER ISSUE.

TOWARD THE END OF WINTER THE FILTER DAM COULD STORE WATER FOR THE SUMMER IRRIGATION.

TOWARD THE END OF SUMMER THE FILTER DAM COULD AND SHOULD BE AS LOW AS IT CAN BE READY FOR ANY FLOOD PERIOD.

ANY FLASH FLOOD IN SUMMER USUALLY HAS A WEEK OF NOTICE FROM THE WEATHER BUREAU FOR THE STORED WATER TO BE LET GO.

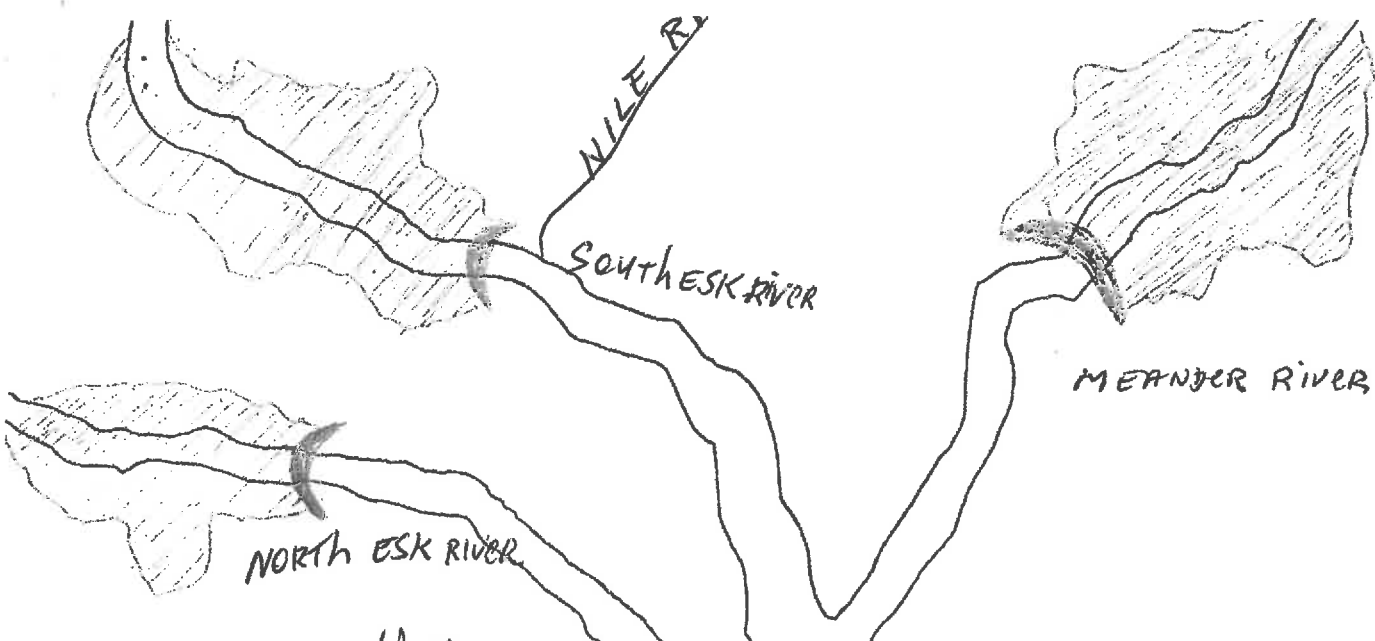
THERE ARE MANY AREAS WHERE THE FILTER DAM COULD BE PUT IN ABOVE ANY OF THE DESTROYED AREAS OF A FEW WEEKS AGO. MAYBE ONE FARMER WAS RIGHT

ITS TOO SIMPLE GLOFF
IT WONT WORK!

Gloff M. Hiltner.

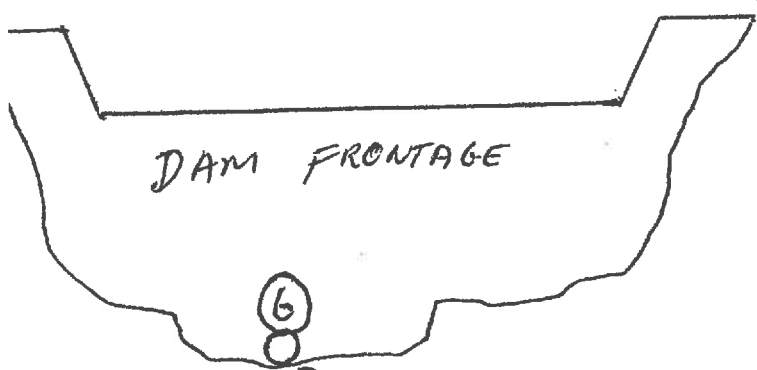
P.S. THEY ESTIMATE IT TO COST OVER \$100,000,000.00 TO CLEAN UP THE MESS.

THEN THEY HAVE NOTHING (BUT A MESS NEXT TIME) AND NEXT TIME. SO ON. GLOFF.



FILTER DAMS WOULD BE BUILT IN CIRCLE FORM FOR STRENGTH, SAME AS NORMAL DAMS.

ALL RIVERS JOIN AT MADSPAN. ← TAKING THEIR SILT INTO THE TAMAR RIVER.



DAM FRONTAGE

6

ONE METER PIPE AS NUMBER 3 DESCRIBES

NUMBER 6 DESCRIBES THE TWO METER PIPE THAT FLOWS ONLY WHEN THE RIVER IS IN FLOOD. IT IS SITUATED JUST ABOVE THE ONE METER FREE FLOW PIPE DESCRIBED IN NO 3 SO IN FLOOD CONDITIONS THE TAMAR WOULD RECEIVE ONLY A ~~ONE~~ THREE METER PIPE OF WATER FROM THIS RIVER AREA. FOR THE COMING DAYS SLOWLY DROPPING THE

TAMAR RIVER.

1 THE FILTRATION DAMS WOULD PREVENT THE SILT GETTING TO THE TAMAR RIVER

2 THE FILTRATION DAM WOULD ALLOW THE SILT TO BE CLEARED FROM THE BOTTOM OF THE DAM WHEN THEY ARE DRY IN SUMMER.

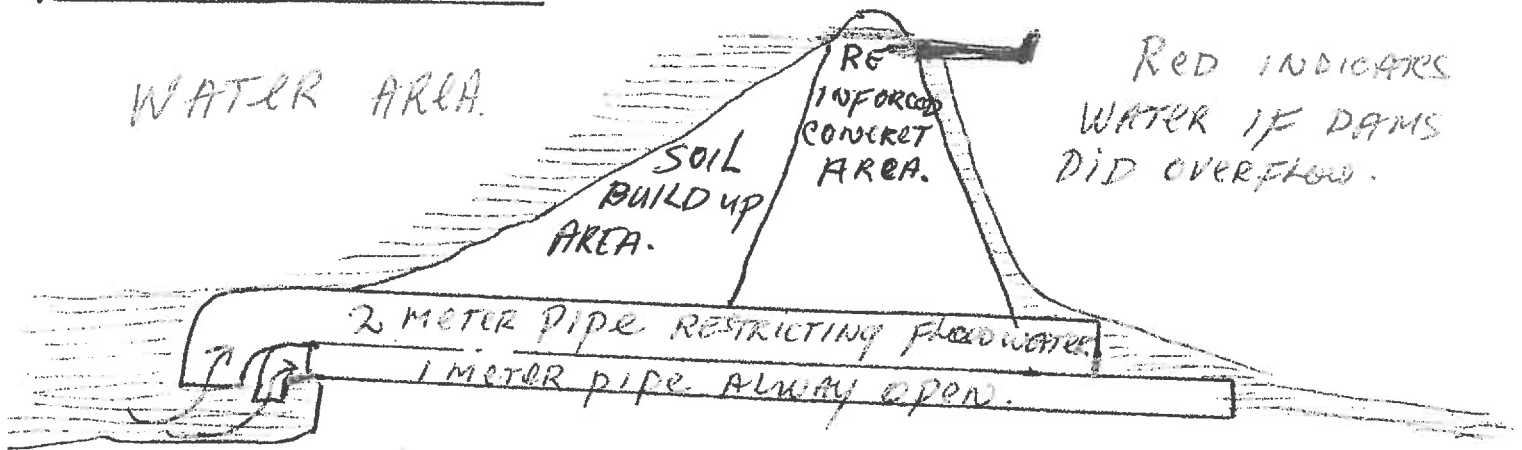
3 THE DAM WOULD HAVE A ONE METER PIPE THROUGH THE BOTTOM TO ALLOW FISH OR ANYTHING TO SWIM THROUGH AND THAT PIPE WOULD ALWAYS BE RUNNING FREE.

4 THE ONLY TIME THIS WOULD BE A DAM WOULD BE AT FLOOD TIME AFTER A ONE WEEK PERIOD THE FLOOD WATERS WOULD BE FILTERED TOWARD THE TAMAR RIVER A MUCH LOWER RIVER, AND MUCH CLEANER WATER.

5 THE LOGS AND DEBRIS WOULD BE SITTING ON THE FLOODED SIDE OF THE DAM WALL TO BE CLEARED UP IN SUMMER TIME, NOT FLOATING DOWN OVER FARM PADDOCKS AND FENCES

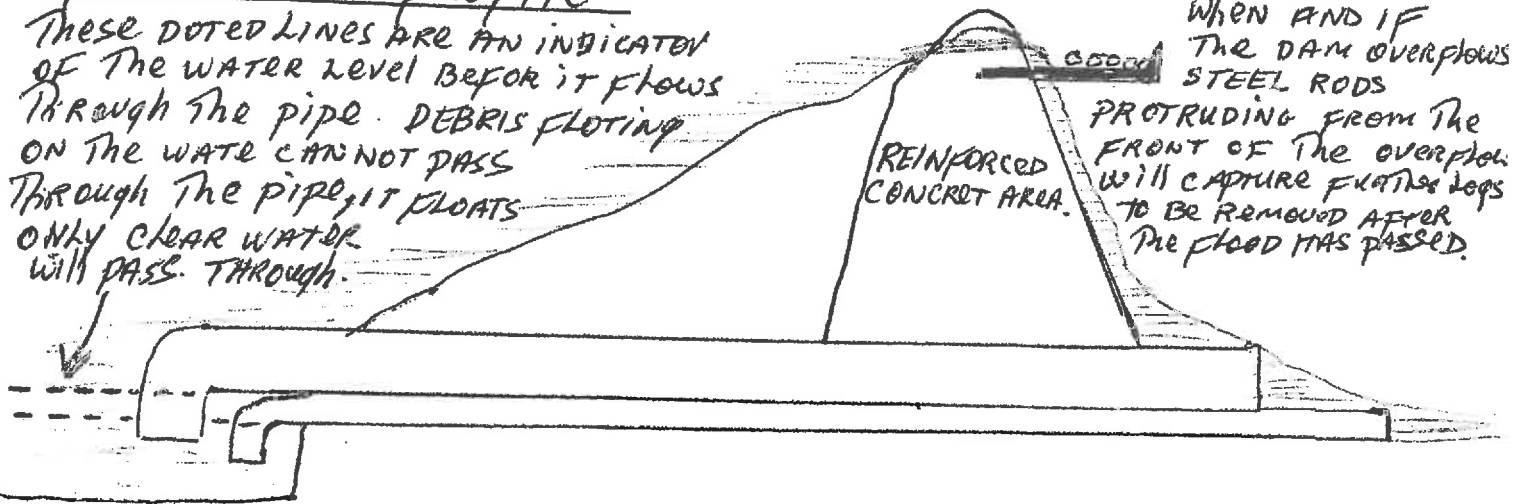
6 EACH TWO METER PIPE THROUGH THE LOWER PART OF THE DAM WALL WOULD HAVE A RIGHT ANGLE END INTO THE WATER THIS PREVENTS ANY FLOATING DEBRIS FROM GETTING THROUGH AND ALLOWS THE FLOW OF WATER TO CONTINUE UNHINDERED

A/ FILTER DAM PROFILE

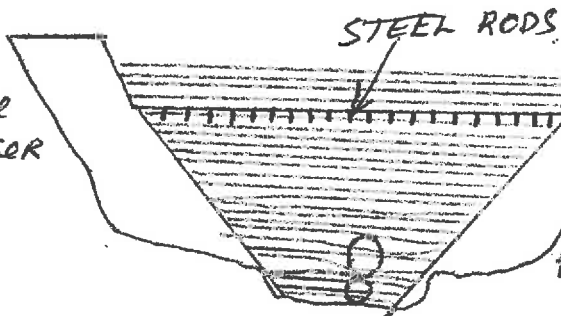


B/ FILTER DAM PROFILE

These dotted lines are an indicator of the water level before it flows through the pipe. DEBRIS floating on the water cannot pass through the pipe, it floats only clear water will pass through.



These steel rods can be cleaned after each flood



DAM FRONTAGE
Water would pass through the steel rods like a sieve and if they block the water would carry the debris out from the wall and the water would keep running through.

① IF these DAMS DID overflow after 2 or 3 days rain, that would retard the flow of water to Lauriston by then the rain would be most likely stopped and the flow would be less than in flood time now.

② The logs and animal bodies along with tons of tins plastic and rubbish all go out to sea to hinder and kill marine life the filter dam can be cleared of this problem on dry land in summer or after the flood passes.