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Rec'd 22/5
yol.

Submission 081

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THE COLLIE RIVER IMPACT & BIODIVERSITY.

I THANK YOUR OFFICE & NOLA MARINO FOR ALLOWING MY MY LATE CONTRIBUTION TO THE COMMITTEE.
BORN IN COLLIE IN 1937 I KNOW WELL WHAT ONCE WAS WITNESSING CHANGES AND IMPACT ON THE ONCE HEALTHY COLLIE RIVERS.

FISH THE INTRODUCED SPECIES INTO THE RIVER I HAVE RESEARCHED & DOCUMENTED OVER THE YEARS THE, KOI, GOLD FISH/~~GOLDEN~~ CARP, & GAMBUSIA FURTHER COMPLICATE THINGS, NOW SPREAD THROUGH COLLIE RIVER & DOWNSTREAM WELLINGTON DAM.

THE ONCE COMMON WATER RAT IS NOW RARE, TORTOISE, REPTILES, NATIVE FISHES, CRAUSTACEANS POPULATIONS STRUGGLE FOR SURVIVAL AND REPRODUCTIVE FOOD CHAINS WEAKENED.
AT LEAST TWO SPECIES OF CRAUSTACEAN (GILGIE) HAVE DISAPPEARED.

RIVERINE BIRD LIFE AND HABITAT IS NOT WHAT IT USED TO BE, FORMER HEALTHY BANKS OF SUBMERGED RIVER WEED THE SEDGES AND RUSHES QUIETLY GIVE UP THE GHOST.

LITTLE ATTENTION OR RESEARCH IS OR HAS BEEN GIVEN TO THE INTRODUCTION OF UNWANTED WEEDS INTO THE COLLIE TYPHA, POTAMOGETON, NARDOO & RIVER BANKS ARE COVERED WITH BLACK WATTLE, WATSONIA, BLACK BERRY, TAGASASTE, CAPE TULIP, COTTON BUSH (IN PLACES) PAMPAS GRASS, AFRICAN SEDGES, INVASIVE TREES ALL DOING WELL AND SPREADING.

WATSONIA NOT ONLY DOMINATES RIVER BANKS WIPING OUT NATIVES IT STERILIZES SOIL, ONCE PRODUCTIVE WORM SITES NOW A MASS OF BULBS.

THE ACCUMULATION OF THE WATSONIA FIBROUS COCONUT LIKE CAGES THAT COVER THE BULBS NOW LITTER RIVER BANKS AND RIVER BEDS (SUBMERGED) POLLUTING WEED BANK FOOD CHAINS, SHRIMP NUMBERS ARE NOT AS PLentiful

UNFORTUNATELY THESE CAGES DO NOT ^{APPEAR TO BE} ~~APPEAR TO BE~~ DOWN
 NOR CONTRIBUTE IN ANY WAY TO BALANCE, THEIR LONG TERM
 EFFECT IS NOT KNOWN AND IS NOT BEING ADDRESSED OR RESEARCHED
 I AM NOT AWARE OF ANYONE RAISING THIS ISSUE BEFORE.

THE DEMAND ON SURFACE & GROUND WATER IN THE COLLIE
 BASIN IS UNSUSTAINABLE & THE PENDING DE-PROCLAMATION OF
 WELLINGTON DAM FROM POTABLE WATER SOURCE TO INDUSTRIAL
 WATER SOURCE POSSES A SIGNIFICANT THREAT TO WELLINGTON
 NATIONAL PARK.

A 1990 W.A. CABINET DECISION TO CEASE ABSTRACTION OF
 GROUND WATER FROM STRESSED AQUIFERS (A RATIO OF ABOUT 3 TO 1
 RECHARGE TO DISCHARGE) FOR POWER GENERATION WAS NEVER
 HONOURED, LIKE WISE THE USE OF MINE DEWATER LICENCES ^{AS PER}
 THE RECENT W.A. GOVT DECISION TO ABANDONED A PROMISED ~~THE~~
 STATE - FEDERAL COMMITMENT OF 37 MILLION TO THE COLLIE
 RIVER SALINITY PROJECT ANOTHER MIGHTY BLOW.

THE CONTINUA LARGE DISCHARGE OF COAL MINE DEWATER
 INTO COLLIE RIVER HAS IMPACTED BADLY ON RIVER BIODIVERSITY
 PREMIER COAL DEWATERING PROGRAMS IN THE PAST 12 MONTHS
 HAVE MADE A SIGNIFICANT IMPACT ON THE RIVER DOWNSTREAM
 WITH CHANGE IN COLOUR & CHARACTER - STRATIFICATION, LIGHT,
 UNSEASONAL FLOW, ONE CAN NOT STRESS ENOUGH THE IMPACT
 OF THE MIRROR LIKE LIGHT FACTOR, THERE HAS BEEN UNPREC.
 EDENTED GROWTH IN ALGAE REPORTED AND RECORDED.

WHAT BIO ACCUMULATION IN SILT IS TAKING PLACE
 IS NOT KNOWN, THERE IS NO TESTING, MERELY GO ROUND
 ACCOUNTABILITY.

JOHNIE PERFUMO A RESPECTED CURTIN UNIVERSITY
 ACADEMIC HAS EXPRESSED CONCERN OVER THE LACK OF
 RIVER VERTEBRATES AND FRANK PROKOP REEFISHWEST HAS
 CONDEMNED THE STATE OF THE RIVER.

PERFUMO HIT THE NAIL ON THE HEAD, QUOTE
 "HOW COULD THE PEOPLE OF COLLIE LET THIS HAPPEN TO
 THE RIVER". ONE COULD ASK THE COLLIE SHIRE & REGULATORS LIKEWISE
 I ENCLOSE RESEARCH AND ARTICLES THAT MAY OR MAY
 NOT BE APPLICABLE TO YOUR COMMITTEE. I WISH YOU WOULD

Yours Sincerely

7th May 2012