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Leader of The Nationals**



FACSIMILE TRANSMISSION

DATE: 10.10.2011

TO:



FROM: On behalf of Graham WODE

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(including cover sheet)

SUBJECT:

Please find attached further
info from Mr Wode.

QFCI

Date:

12/10/11

JM

Exhibit Number:

783

IF THERE ARE ANY PROBLEMS WITH TRANSMISSION
PLEASE TELEPHONE (07) 4121-2936

ADDITIONAL THOUGHTS / SUGGESTIONS BY G.W. WODE
AFTER READING INTERIM REPORT FORECASTS / WARNINGS - CHAPTER 4 -
(PAGE NO'S 128 - 159 ON EVENING OF 5-10-2011 TO ASSIST
MARYBOROUGH FLOOD COMMISSION HEARING ON WEDNESDAY 12-10-2011)
(IN REGARDS MARY RIVER. ENTOMBMENT SYSTEM FLOODING MARY JAN 2011)

1. - RE-INTRODUCTION OF MANUAL RIVER STATION READINGS TO MARY RIVER
AND MAJOR TRIBUTARIES DOWNSTREAM BTWN GYMPIE AND MBORO
AS PER BOM FLOOD WARNING NETWORK MAP 138.1
MARY RIVER:- MIVA, TIARO, THE BARRAGE
WIDE BAY CREEK:- NOOLOOSA (ABOVE MIVA)
TINANA CREEK:- BANPUK EAST (TALLGALLA), TEDDINGTON WEIR
TINANA BARRAGE
FLOOD MARKER GAUGE BOARDS TO BE ERECTED CHINAMANKI CREEK
BRIDGE HIGHWAY ROAD CROSSING LOCATIONS TIARO (SWAMP -
SOUTH) - (BRIDGE - NORTH)
TIARO POLICE TO READ STREAM HEIGHTS - @ MARY RIVER /
CHINAMANKI CREEK (BRIDGE) (A MAJOR TRIBUTARY INFLOW JUST
DOWNSTREAM FROM TIARO) (AS TIARO IS A GOOD PRE WARNING
INDICATOR TO MARYBOROUGH FLOODING)
USUAL VOLUNTARY MANUAL READINGS FROM LOCAL RESIDENTS
AT ABOVE LOCATIONS, TIARO POLICE TO DO TIARO READINGS
WITH DIRECT NOTIFICATION TO BOM / MARYBOROUGH CO ORINATION
TEAM - POLICE / COUNCIL / etc.
2. RE-INTRODUCE SYSTEMATIC DOWNSTREAM RIVER / RAINFALL
RADIO BROADCASTS WITH ABC RADIO FOR F.C.R.C
(FRASER COAST REGIONAL COUNCIL) BOUNDARIES OVERA TO
RIVER HEADS
3. INTRODUCTION OF A SIMPLE COST EFFECTIVE FLOOD HEIGHT
MARKER SYSTEM BY F.C.R.C TO EFFECTED AREAS
A SIMPLE PAINT STENCIL ON POWER POLES, FLUKE POSTS
etc OF YEAR - FLOOD HEIGHT etc WOULD ADEQUATELY SURFACE
4. CONSIDERATION TO BE GIVEN TO INTRODUCTION
OF AN EDUCATION KIT WARNING SYSTEM
ON AN INDIVIDUAL HOUSEHOLD / PROPERTY SYSTEM
BY RELEVANT AUTHORITIES.
PRACTICAL METEOROLOGY SUBJECTS COULD BE READILY
INTRODUCED INTO THE SCHOOL BASED EDUCATION
SYSTEM etc.

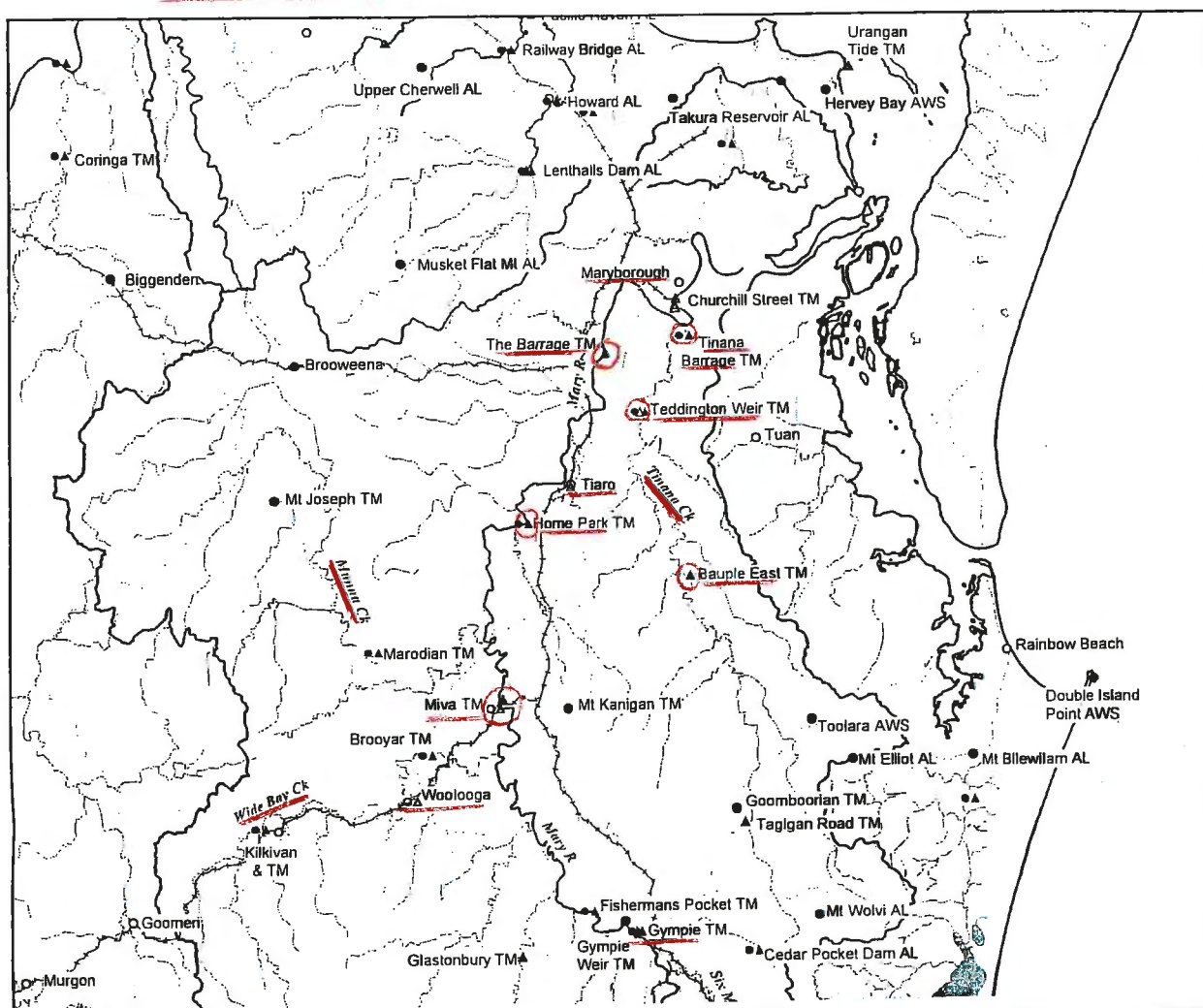
ANNEXURES

MARY RIVER B.O.M
FLOOD WARNING NETWORK
MAP 138.1.

G.W. WODE
6/10/2011

AFTN:-

QLD FLOOD COMMISSION
OF INQUIRY
BRISBANE



- Manual Heavy Rainfall Station
- Daily Reporting Rainfall Station
- △ Manual River Station
- Telemetry Rainfall Station
- △ Telemetry River Station

MARY RIVER FLOOD WARNING NETWORK

Major Roads

Railway

Revised: Nov 2009

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NOTE:- NO MANUAL RIVER STATION READINGS BTWN MBORO AND GYMPIE
MIVA CEASED APPROX 2009 - (RECORDER WILL NAHRUNG)
T/IARD TELEMETRY READINGS (PREVIOUS MANUAL RECORDER) - (O/C POLICE - TIARD)

* QLD FLOOD COMMISSION OF INQUIRY TO QUERY ACCURACY OF MAP

NOTES RE FURTHER LATE SUBMISSION QFCI
MARYBOROUGH HEARING 12-10-2011

RE CHAPTER 4 - FORECASTS / WARNINGS etc
PAGE NO'S 128-159 (ADDITIONAL TO MY
FAX DATED 6-10-2011)

REINTRODUCTION OF MANUAL RIVER STATION READINGS
MARY RIVER BTWN GYMPIE / MBORO AS PER BOM
FLOOD WARNING NETWORK MAP 138.1 (REVISED NOV 2009)

I REFER TO MY QFCI SUBMISSION DATED 2-3-11
AND NOW CONFIRM THAT I HAVE HAD CONVERSATIONS
WITH MVA RECORDER WILL NAHRUNG ON 11-4-2011
AND TIARO POLICE OFFICER IN CHARGE SGT NEWTON
ON 7-10-2011. BOTH PERSONS ADVISED ME THAT NO
MANUAL RIVER HEIGHT READINGS WERE TAKEN BY
THEM IN 2011 FLOOD PERIODS.

THIS NOW IDENTIFIES MAJOR FLAWS IN THE
MARYBOROUGH DISASTER MANAGEMENT CO-ORDINATION
SYSTEM IN THAT SOLE RELIANCE ON RIVER
HEIGHT WARNINGS WAS BY WAY OF AUTOMATIC
RECORDING SYSTEMS WITH NO MANUAL BACK UP
SYSTEM IN PLACE IN THE EVENT OF ELECTRONIC
FAILURE

IT ALSO IDENTIFIES THAT B.O.M. MAP 138.1
(REVISED NOVEMBER 2009) IS INACCURATE
IN THAT IT SHOWS THAT BOTH MVA AND
TIARO AS MANUAL RIVER STATIONS WHICH
HAVE APPARENTLY BEEN SUPERCEDED BY
AUTOMATIC SYSTEMS WITHOUT PROPER MAP
UPDATE. IT IS UNKNOWN BY ME WHAT THE
PRESENT POSITION IS AT WIDE BAY CREEK
WOOLDOGA (EITHER MANUAL OR AUTOMATIC)
AND THE SAME SITUATION APPLIES TO
TINANA CREEK AT TEDDINGTON WEIR

THIS NOW ESTABLISHES THAT NO MANUAL
RIVER READING STATIONS ARE IN EXISTENCE
BETWEEN GYMPIE AND MARYBOROUGH AS
AT TIME OF 2010 / 2011 FLOOD PERIODS

I SUGGESTED THE REINTRODUCTION OF THE
MANUAL READING SYSTEM AT THE TOP END
OF THE LOW FLOOD LEVEL HEIGHT IN MY
QFCI SUBMISSION DATED 2-3-2011
(ADDITIONAL TO AUTOMATIC RECORDINGS)
AT BOTH MVA AND TIARO /

CONTD /
PAGE 2.

CONTD:- BOTH MIVA AND TIARO// AS THESE
TWO LOCATIONS GIVE MANY HOURS PRE-
WARNING TIME TO MARYBOROUGH AND
WITH THE INTRODUCTION/ REINTRODUCTION OF
MANUAL READINGS FROM MAJOR TRIBUTARY
INFLOWS FROM THE LINKS OF WIDE BAY CREEK/
MUNNA CREEK/ TINANA CREEK etc MARYBOROUGH
WOULD NOT HAVE BEEN CAUGHT IN A STATE OF
UNPREPAREDNESS AS WAS THE CASE IN BOTH
DECEMBER 2010 AND JANUARY 2011 FLOODS

I HAVE ALSO RECENTLY SPOKEN TO [REDACTED]
ON 6-10-2011 WHO OPERATED HYNK AND SON
TIMBER BARRES KEARI AND HOPEWELL
UNDER THE GRANVILLE BRIDGE (SERVICE
TERMINATED FEBRUARY 1992) AND I WAS
INFORMED THAT IN THAT ERA A
MARYBOROUGH/ MARY RIVER FLOOD CHART WAS
IN EXISTENCE WHERE UPSTREAM RIVER HEIGHTS
WERE RECORDED UNDER THE OLD B.O.M.
MANUAL SYSTEM AND A SLIDING SCALE
HYDROLOGISTS TYPE CALCULATION WAS MADE
TO PREDICT FLOOD HEIGHTS AT MARYBOROUGH.

THIS SYSTEM ALLOWED HYNK AND SON AND
OTHER RIVERSIDE BUSINESSES TO EFFECTIVELY
MAKE NECESSARY STOCK/ PLANT REMOVALS
PRIOR TO FLOODING.

IT IS THOUGHT THAT HYNK AND SON MAY STILL
HAVE THIS CHART AT THEIR MARYBOROUGH
OFFICE AND IT IS SUGGESTED THAT [REDACTED]
[REDACTED] MAY BE ABLE TO ASSIST FURTHER IN THIS
REGARD AND IF SAME IS LOCATED, COULD BE
USED AS AN ADDITIONAL TOOL ON THE LOCAL
DISASTER MANAGEMENT COMMITTEE DATA
BASE OF F.C.R.C (FRASER COAST REGIONAL COUNCIL)

ADDITIONAL THOUGHTS / SUGGESTIONS RE INTERIM
REPORT FORECASTS / WARNINGS (PAGES 128-159) QFCI
TO MY FAX DATED 6-10-2011 (MATTERS - 1 to 4)

(MARBOROUGH HEARING 12-10-2011)

5.

DUE CONSIDERATION TO BE GIVEN TO PROVIDING
FLOOD HEIGHT INFORMATION TO ALL RESIDENTIAL
PROPERTY OWNERS VIA THEIR RESPECTIVE LOCAL
GOVERNMENT RATE NOTICES ON AN ONGOING ANNUAL
BASIS

THIS INFORMATION IS READILY AVAILABLE FROM QLD GOVT MARS
SUPPLIED BY DEPT OF ENVIRONMENT AND RESOURCE
MANAGEMENT AND IN MY VIEW IT WOULD BE BEST PRACTICE
POLICY TO INCLUDE THIS INFORMATION ON ALL RESIDENTIAL
RATE NOTICES ON A STATE WIDE BASIS ON ALL AREAS
EFFECTED BY FLOODING / TIDAL SURGE, etc. SO THAT
RESPECTIVE OWNERS / TENANTS, etc. ARE AWARE OF THE
LAY OF THEIR LAND IN THE EVENT OF FUTURE FLOODING /
TIDAL SURGE THROUGH CYCLONE DISTURBANCE etc
WITH THE 2011 LEVELS SET AS A BENCHMARK FOR THE
TWENTY FIRST CENTURY AND THE LEVELS YEARS OF HIGHER
RECORDED EVENTS FOR THAT PARTICULAR PROPERTY ALSO
RECORDED ON THE RELEVANT RATE NOTICE

THE SAME INFORMATION SHOULD ALSO BE SUPPLIED ON
ALL FUTURE GOVERNMENT LAND VALUATION NOTICES

THIS INFORMATION WOULD SERVE A MULTI FUNCTION PURPOSE
FOR ALL INTERESTED PARTIES, eg PROPERTY OWNER / LOCAL
AUTHORITY COUNCIL / DISASTER MANAGEMENT / PROPERTY
INSURANCE AGENCIES, etc FOR FUTURE PLANNING etc.

THIS SYSTEM IF INTRODUCED, RELIES ON AN ACTION
BASIS HEIGHT SYSTEM BELOW AND UP TO A PARTICULAR
NOMINATED LEVEL AND THIS GREATLY LESSENS THE
DEPENDENCE OF LONG-TERM LOCAL KNOWLEDGE RESIDENTS
AND WOULD PROVE TO BE ONLY AS SUCCESSFUL AS THE
ACCURACY OF THE RELEVANT HYDROLOGISTS PREDICTED
REPORTS

I BELIEVE THAT THIS MATTER WARRANTS VERY SERIOUS
CONSIDERATION / IMPLEMENTATION BY QFCI AUTHORITY
TO PUT NECESSARY PROCESSES IN PLACE THAT WILL SUCCESSFULLY
ACCOMMODATE THE NEEDS AND EXPECTATIONS OF THE
PROTECTED POPULATION NOWLSE IN THIS STATE IN FORTHCOMING
YEARS AS THE TERMED LONG TIME LOCAL RESIDENT WHO
CURRENTLY POSSES ACCURATE RELIABLE KNOWLEDGE
OF LOCAL EVENTS WILL SOON BE A THING OF THE PAST.

6.

I NOW WISH TO MAKE A FURTHER COMMENT
ON RECENT PROLIFIC GROWTH OF MANGROVES
BLOCKING DRAIN HEAD OUTLETS OF STORM
WATER PIPES EXTING INTO TIDAL STREAMS
etc AS A RESULT OF THE CONSTRUCTION OF
FRESH WATER / SALTWATER BARRAGES

(LOWER MARY RIVER IRRIGATION SCHEME)

CONTD P 4

6

MANGROVES BLOCKING STORM WATER
DRAIN HEAD OUTLETS MARY RIVER
MARYBOROUGH.

RECENT PROLIFIC GROWTH OF MANGROVES IN THE DOWNSTREAM LOWER AREAS OF THE MARY RIVER CAUSED AS A RESULT OF THE CONSTRUCTION OF THE LOWER MARY IRRIGATION SCHEME BARRAGES LINKING A FRESH WATER SUPPLY FOR FARMERS, etc BETWEEN THE MARY RIVER BARRAGE BY WAY OF OPEN CHANNEL SYSTEM WITH TINIANA CREEK.

THIS SYSTEM WAS CONSTRUCTED DURING THE 1980'S WITH MARY RIVER BARRAGE COMPLETED APPROXIMATELY END OF 1982 AND ITS UPSTREAM PUMPING STATION LOCATED AT DWANVILLE APPROXIMATELY 1987 (TO PUMP WATER FROM MARY RIVER TO TINIANA CREEK). I DO NOT KNOW THE CONSTRUCTION COMPLETION DATE OF THE TINIANA CREEK BARRAGE BUT IT WAS IN THE SAME ERA.

THE SUBSEQUENT EFFECT OF THIS IRRIGATION SYSTEM EFFECTIVELY STOPPED THE CONTINUOUS FLOW OF FRESH WATER BOTH IN THE MARY RIVER AND TINIANA CREEK DOWNSTREAM FROM BOTH BARRAGES WITH THE ONLY OVERFLOWS BEING EXPERIENCED DURING "NORMAL WET SEASON RAIN INFLOWS etc ABOVE THESE BARRAGES INTO THE LOWER SALT TIDAL FLOW AREAS OF THE MARY RIVER AT AND ABOVE THE TOWNSHIP PRECINCTS OF MARYBOROUGH.

PRIOR TO THE CONSTRUCTION OF THIS IRRIGATION SYSTEM INVOLVING BOTH BARRAGES THE MARYBOROUGH TOWN REACH OF THE MARY RIVER AND UPSTREAM AREAS WERE BASICALLY ALMOST COMPLETELY FREE OF MANGROVE GROWTH TO ANY DEGREE WHEN UNRESTRICTED FLOWS OF FRESH WATER FLOWED INTO THE LOWER SALTY WATER AREAS AT MARYBOROUGH.

THE CURRENT POSITION IDENTIFIES RETENTION OF FRESH WATER ABOVE BOTH BARRAGES WITH SALT WATER AND MANGROVE GROWTH BELOW THE BARRAGES.

THIS CAN BE READILY IDENTIFIED BY VIEWING PHOTOS OF MARYBOROUGH FLOODS PRIOR TO THE EARLY 1980'S WHICH ESTABLISHES THE BASIC NON-EXISTENCE OF MANGROVES AT MARYBOROUGH AS CLAIMED ABOVE AND ESTABLISHES THAT THEIR EXISTENCE IS A DIRECT RESULT OF HUMAN INTERVENTION BY CONSTRUCTION OF THESE BARRAGES WHICH TURNED BRACKISH WATER = (FRESH/SALT MIX) INTO SALT

CONTD - PAGE 5

6
(CONT'D)

PAGE 5 - G. W. WOOD - CONT'D
MANGROVES BLOCKING STORM WATER DRAIN HEAD
OUTLETS, MARY RIVER - MARYBOROUGH

THIS SUBJECT MATTER IS BEING BROUGHT TO THE ATTENTION OF THIS INQUIRY AS I BELIEVE WITH THOROUGH INVESTIGATION MANGROVE FORESTS WILL BE FOUND DIRECTLY BELOW FRESH/SALTWATER BARRAGE CONSTRUCTION JOBS ON MANY OTHER RIVER SYSTEMS SIMILAR TO THAT OF MARYBOROUGH AND THAT IT WILL ALSO EXPERIENCE SITUATIONS WHERE TOWN STORM WATER DRAINAGE SYSTEMS HAVE HAD THEIR OUTLET CAPACITY GREATLY REDUCED AS A RESULT OF MANGROVE GROWTH AT THE OUTLET PIPES INTO THE RIVER SYSTEM THAT NEEDS SELECTIVE REMOVAL AS IS THE PRESENT EXISTING SITUATION AT THE MARYBOROUGH DOCKET GUAVA STREET UNDER ROAD DRAIN / UNDER GROUND DRAIN - THAT HAS ITS OUTLET INTO THE MARY RIVER AT THE UPSTREAM END OF THE MARY RIVER MARINA WHARF.

I FURTHER VOLUNTEER MY SERVICE TO BOTH Q.F.C.I. AND F.C.R.C. AND SINCERELY HOPE THAT THIS ADDITIONAL "LATE SUPPLIED" INFORMATION WILL BE OF ASSISTANCE TO THIS INQUIRY.

* ORIGINAL NOTES RETAINED BY ME FOR PRODUCTION AT HEARING ON 12-10-2011.

FAX COPY OF NOTES TO QND FLOOD COMMISSION OF INQUIRY ON 10-10-2011

* (NOTES TO BE PLACED ON DISC FOR PRESENTATION AT HEARING ON 12-10-2011)

G. W. WOOD
10/10/2011