

21.7.2020

TO THE IPC

OFFICE OF THE IPC
NSW
LEVEL 3
201 ELIZABETH ST
SYD. NSW. 2001

From E. SERHAN

18 RICHMOND ST.,
MUSWELLBROOK
N.S.W. 2333

RE MY SUBMISSION IN OPPOSITION TO THE
SANTOS, NARRABRI COAL SEAM GAS PROJECT.

DEAR IPC,

FURTHER TO MY SUBMISSION DATED 14.7.2020,
ENCLOSED, IS THE FOLLOWING.

IF COAL SEAM GAS PRODUCTION HAD TO CLEAN UP
THE MESS THAT IS MADE, CSG WOULD BE UNVIABLE.

FOR EXAMPLE:-

- IN THE FRACKING PROCESS, IS SOMETHING LIKE 139
DIFFERENT CHEMICALS. COMBINE THOSE CHEMICALS WITH THE
CHEMICALS & HEAVY METALS ETC, IN THE COAL SEAM & YOU
HAVE A TOXIC COCKTAIL. THIS IS BROUGHT TO THE SURFACE
WITH BRACKISH, SALTY WATER & STORED IN DAMS, ETC, &
NOT TREATED & NO GOOD FOR HUMAN OR ANIMAL CONSUMPTION
OR IRRIGATION. IF IT HAD TO BE TREATED & THE SALT ALSO
DEALT WITH, AMONG ALL THE OTHER THINGS BELOW, **CSG** PRO-
DUCTION WOULD BE UNVIABLE. SALT IS BROUGHT TO THE SURFACE,
WHICH IS NOT IDEAL FOR OUR LANDSCAPE. OFTEN WATER BROUGHT
TO THE SURFACE IN DAMS, IS WASHED INTO WATERWAYS, POLLUTING
THEM. IF CSG HAD TO PAY FOR THIS & ALL THE OTHER DAMAGE,
CSG WOULD BE & IS UNVIABLE.

- FUGITIVE METHANE EMISSIONS FROM WELL HEADS,
OLD & DAMAGED CASINGS, METHANE LEAKING TO THE SUR-
FACE & BUBBLING UP THROUGH STREAMS & CONTAMINATING,
BORE WATER, SURFACE WATER ETC, & METHANE IS APPROX-
IMATELY 23 TIMES MORE POTENT THEN CO₂ AS A GREEN-
HOUSE GAS, IN THE UPPER ATMOSPHERE. ALSO IF WELL

CASINGS FAIL, THERE IS FURTHER RISK OF CONTAMINATING AQUIFERS & BOREWATER, DURING CSG PRODUCTION.

- OLD OBSOLETE CSG WELLS, HAVE OLD & DAMAGED CASINGS & OTHER LEAKAGE, THAT WILL LEAK METHANE GAS INDEFINITELY. THE CURRENT AMOUNT OF CO₂ IN THE ATMOSPHERE IS 400 ppm. THE PROJECTED TIPPING POINT IS 450 parts per million.

IF CSG HAD TO PAY TO CLEAN UP THE IMPACTS, CSG WOULD BE TOTALLY UNVIABLE.

RENEWABLES ARE A FAR CLEANER, BETTER & CHEAPER OPTION.

ALSO, ALL THE GAS FROM THE NORTH WEST SHELF IS EXPORTED. SOME OF THIS NATURAL GAS FROM ^{THESE} NATURAL GAS WELLS, SHOULD BE SAVED FOR OUR DOMESTIC MARKET, INSTEAD OF US PAYING MORE FOR GAS, THAN COUNTRIES, WE EXPORT NORTH WEST SHELF GAS TOO.

IF OUR AQUIFERS & THE ARTESIAN BASIN ARE CONTAMINATED, THE DAMAGE IS IRREVERSIBLE.

PLEASE IPC, THERE ARE MUCH CLEANER, BETTER & CHEAPER WAYS OF PROVIDING OUR ENERGY THAN CSG, THAT WILL LEAVE A MESS FOREVER THAT CSG WILL NEVER BE ABLE TO PAY FOR. CSG IS UNVIABLE, THERE ARE CLEANER, BETTER, CHEAPER WAYS OF CREATING JOBS & ENERGY.

BEST WISHES
YOURS SINCERELY
EMILE SERAAN

PS. ON CSG & MINING ON THE LIVERPOOL PLAINS ETC, THERE WAS A BRILLIANT INDEPENDENT EXPERT SCIENTIFIC COMMITTEE REPORT ON MINING ON THE LIVERPOOL PLAINS, 36 PAGES OF FACTUAL BRILLIANCE. THE INDEPENDENT EXPERT SCIENTIFIC COMMITTEE, IS EXACTLY WHAT WE NEED FOR CSG PROPOSALS IN UNISON OR CONJUNCTION WITH THE IPC.