Submission

to

PAC

Centennial Coal Application

Springvale Extension SSD12_5594

By

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Corporate Social Responsibility

I have read Centennial Coal's application for an extension to the Springvale mine and the environmental impact statement. The sociology and economic reports are missing for the PAC assessment. Therefore the triple bottom line cannot be ascertained to provide corporate social responsibility.

I acknowledge that I am a member of the Centennial Coal Community Consultative Committee and therefore familiar with environmental reports at scheduled meetings and I have attended environmental inspections across the surface of their underground mining projects and facilities. My interest in Centennial Coal is to see that the company reaches their triple bottom line exercising corporate social responsibility.

I have read the environmental submission by the Lithgow Environmental Group and all the objections lodged with PAC. I have a Bachelor of Applied Science with a major in geology and a sub major in biology. I hold a Biological Research Technicians Certificate; a four year trade technicians certificate in scientific research both in biology and geology. I have co-authored 22 scientific papers and I have 6 scientific discoveries to my credit. I have a Master of Commerce through Swinburne University of Technology. I find the conclusions submitted by the biologists and environmentalists to be flawed in scientific collection, analysis and interpretation. One is required to have permission from Parkes and Wild Life to take samples from National Parkes.

Alan Carpenter quotes that "the environment is fragile". The Australian bush I know is a robust and dynamic ecosystem capable of resilience and sustainability. The last snow storm in October 2014 demonstrated this with the unusual type of snowflake that fell to a depth of 6". The trees that did fall fell in parks and gardens and next to

road corridors due to the poor environmental architecture provided by council. The bush held up.

The bush around Lithgow recovered after the dual bushfire and firestorm that ravaged Lithgow in 2013. The Earth is a dynamic geological and environmental ecosystem; ever changing and adjusting to climatic change caused by the Earth's astrophysical behaviour about the Sun.

Beverley Thompson, Douglas Benson, Jenny Shankey, Miranda Newcombe, Sarah Knightley and Stephen Chivers were concerned about the "bright orange sediment in the Carne and Bungleboon Creeks and the discharge into Wolgan and Cox Rivers. No reference to any stream sediment samples or water samples taken and analysed for iron, manganese or heavy metals or faecal material from native and feral animals. I did not see any statistical scientific data of water sampling in any their reports. They did not conduct a study on the source of this material and link this to mining with scientific evidence. Standard scientific procedure I thought. Therefore their interpretations are flawed.

The sedimentary rocks of the Sydney basin comprise sandstone that contains iron and manganese and other minerals. There are joints in these sedimentary rocks that cross creek beds and yes these minerals will end up in the water. These minerals are very important in plant and animal growth. The ecosystem needs to collect these minerals and distribute them throughout the ecosystem. The underground water from the mine has not indicated any major threat to the environment from the data presented to me by Centennial Coal at meetings.

On inspection of the swamps across the area I found that the sandstones were fractured by joint sets across the creeks and water courses. The sediment in the creeks and water courses has plugged these joint sets with very fine sediment and vegetable matter forming the base of the swamps. If and when these joint sets open the swamp will fill the fracture with sediment. All water courses, creeks and rivers drain the water table and manage the water table. I don't hear the Greenies complaining about the concreting in of Farmers Creek. Where does the water under Lithgow drain to? It is popping out in springs all over the place.

Just because there is a sink hole does not mean it is linked to mining. There is no report of any scientific investigation into the cause of the sink hole; standard scientific procedure.

We know that pagodas fall over due to high winds. Scientists have seen them fall over during periods of high winds. One needs to go camping in the NSW Mugii Murum Ban Conservation Reserve to see the turret perched on top of the precipice of Genowan Mountain. Pagodas do not fall over due to mining.

I have not seen any signs of subsidence above the Springvale mine except for some stretch movement in the joints in the rocks. However there has been some subsidence occur at Brown Gap and south of Lithgow and no one has complained. I saw the rock fall and two days later it was reported on the news briefly. Aerial photographs depict sandstones across the mountain are heavily fractured by joint sets. The whole shire is heavily fractured by joint sets and faults stretching north and south and east and west. The stream courses are influenced by these structures and the type of rock; that is the dynamics of the Earth.

I beg the question; “Why don’t these biologist and environmentalist know how to conduct proper scientific investigations that come up with proper interpretations? The answer lies in their education. Universities today still believe that climate change is caused by carbon dioxide. We have known since the late 19th century what causes climate change and there is nothing we can do about it except to stop space exploration and the movement of mass from the southern to the northern hemisphere. So how do people get it so wrong?

The answer lies in their education. The students today sit in front of their high school teacher and believe everything they say and write it down. They then regurgitate it back word for word in and essay. The students who do it the best go to university and do the same thing with their convenor. The students who do this best are rewarded with first class honours and do a PhD in some microscopic literature study. No one knows how to go out in the field and collect scientific data, analyse the data, interpret the data and make recommendations unless they are working for a mining company. The environmentalists, the Departments of the Environment, Planning and Infrastructure and PAC have clearly demonstrated this.

So how do these people get into these jobs? They get there by who they know and not by what they know. In the Sydney Morning Herald, on Monday 25th of May edition reported that “Martin Furguson, Greg Combet, Mark Vale, Craig Emerson, Stephen Gallilee, Sarah McNamara, Emma Browning and Caroline Hutchinson” have all been seconded by the mining industry because of who they know. The SMH has reported that “the community has been outgunned in the lobby stakes”, SMH, Monday, 25 May, 2015. The Mayor of Lithgow has responded to this by forming her own lobby group to see mining projects through and not one has any mining experience. You do not need to be a miner or a scientist any more. You do not need expertise. You do not need an education. You need social media and to be born into the right socioeconomic political group. Our friend Paul Toole is a classic example.

After 15 years with the Commonwealth Department of Minerals and Energy, as a class nothing, I was compulsorily transferred from the Petroleum Reservoir Engineering section to the Sedimentary Basin Assessment Section only to find that

all the reservoir engineering work followed me because the people left there did not have the expertise. I was asked to assess a new oil pricing application. The Assistant Director disagreed with my assessment and re-wrote my ministerial brief. However the Minister refused to grant the application embarrassing and chastising the Director, First Assistant Director and Assistant Director for getting it wrong. Senator Gareth is a Rhodes Scholar. I resigned and before my notice was up they promoted me to a class 2 Geoscientist.

I have dug the New England Antimony Mine out of financial trouble by finding a faulted gold seam. On application they appointed the honours graduate who could not find the faulted gold seam, instead of me.

I have embarrassed executives of mining companies who then have sacked me only to lead their companies to collapse – City Resources and Coalpac.

I find myself ahead of everyone in everything. The loneliest place in Australia is “out in front” – Unemployable.

I have tried to talk to Paul Toole, Maree Strathem, Cassandra Cole and Tracey Carpenter about the imbalance of nutrients in the Earth’s one atmosphere, environmental architecture, the unemployed and the homeless but they have no idea what I was talking about. The PAC is the same.

The PAC declined the Coalpac application because PAC believes pagodas fall over due to mining. There is no garden of stone west of the Castlereagh Highway and this lease should have been granted to Coalpac.

PAC approved the Zirconium Mine near Dubbo that will build a chemical plant to manufacture the three deadliest chemicals know to man, concentrated hydrochloric acid, concentrated sulphuric acid and concentrated hydrofluoric acid. This will be done right next to a zoo and right in the middle of prime agricultural land. No one analysed whether mechanical extraction of rare earth minerals would bring zero harm to the one atmosphere we all share. The acids will now escape into the atmosphere and produce acid rains affecting the hides of rhino and elephants and reduce the productivity of agriculture. The northern winds will take the acid rains all the way to Parliament House.

But it is OK! Cause the farmers and the zoo spoke in favour of the mine BUT did not consider acid rains because the people running the zoo do not understand mining and the farmers inherited their farm from their parents and have no animal husbandry skills what so ever. Go and see the quality of their sheep and cattle.

Prince Rainier the III of Monaco said in 1962 when under threat by the French, “that when threatened by Tyranny men of conscious are required to speak up”. This was very easy in the 1960s when a true democracy reigned within Australia but alas today Australia is in the grip of an authoritarian republican fascist dictatorship. Australians live in fear, and the State Government is today, advertising this on radio with warning of police, tosser adverts and vaccinations. So how did we come to this?

The scientist must exercise accountability for their actions. They must collect the data from the field, analyse the data and interpret the data without bias. The data must link the mining practice to the environment. The scientists have not done this.

Public servants are never held accountable for their actions and they have legislation to stand behind.

The PAC must provide social responsibility. There has not been a sociological study on the effects of closing the mine. There has not been a study on the economic impact on closing the mine. Miners can’t stop mining one day and start working another job the next. What is the impact on the family economy without the income? What is the effect on Lithgow society? What does the greenie expect the miner to do without his job as a miner? There is a need for corporate social responsibility to be exercised.

PAC was formed to only consider the environmental impact of mining.

Alternative energy sources cannot compete with coal today. Coal Seam Gas is not an alternative until we understand all the underground aquifers throughout NSW. Gas fired power stations will increase electricity prices. Solar energy and wind energy will never meet demand. This is not a small country like Germany. However, nuclear power will be cheaper than coal fired power. Nuclear power is coming and the Greenies are helping it along by stopping coal mining.

Across central NSW are huge untapped deposits of thorium and uranium. These deposits are linked to the Wallerawang and Mount Piper Power Stations by railway lines and loading facilities. There is plenty of underground water for nuclear power stations. The electrical power distribution network in is place. Scientists know how to treat carbon dioxide BUT we do not know how to treat nuclear waste. So what is it going to be; Coal or Nuclear? There needs to be corporate social responsibility exercised.

We need to exercise social responsibility by analysing the environment, sociology and economic benefits of coal fired generation for electricity. PAC has no sociology report or an economic report to make an informed decision on this application to extend the mining operation at Springvale.

The NSW Government require people who understand commerce, to make these judgements. These people exist in Lithgow today, BUT they sail at the Royal Albert Yacht Club, and do not know the crap, housed today in government, industry and commerce because they believe in true democracy.

There are solutions to the problems facing the extension to the Springvale coal mine.

The salt water can be neutralised by a diluting the salty water with sweet water from underground. There is plenty of sweet water under Wallerawang and Portland and Lithgow. There can be a public private partnership formed with Lithgow Council, State Rail and Centennial Coal. Maybe we don't need the Railway and a pipeline can be built to customers. State Rail can rail much needed water to the Zirconium mine. There are plenty of customers for sweetened Springvale's salty water. For example, the Bathurst and Orange Councils, Zirconium Mine, cotton farmers and farmers affected by drought. Horticulturalists can use this water and the carbon dioxide from the power stations and add to the income of the power stations and provide jobs.

The purpose of water is to sustain life. So for what purpose do we house water underground? There are no oil fields beneath Lithgow to Portland or is there some further south?

The National Parkes and Wildlife Service are responsible for determining scientifically why hanging swamps have died. Either through bushfire, firestorms, drought, floods, toxicity, or oil spills. Scientists can help hanging swamps plug joints in rocks by helping the natural progression of silt and vegetable matter in the water courses.

In the near future the wheel and the combustion engine will give way to electromagnetic fields for propulsion. Solar energy and nuclear energy will take over from coal powered electricity. However natural commercial economic forces will prevail into the future in a true democracy. In the meantime the family economy will require time to adjust. In 1964 I can still remember a furrier and a baker still operating in my home town of Denman some 60 years on from the introduction of the motor vehicle. The men worked on until retirement.

The problems facing the 21st century require properly qualified scientists and commercial thinkers who can create solutions to these problems. They are not found in politics, government public servants, industry, commerce or the media because these people think differently to the ignorant, overbearing arrogant upstarts found today, leading Australia.

The Australian people require the right people in the right jobs to repair the mess and restore true democracy to ALL Australians. So where is our General who governs our Australian Constitution? The whole system of government in Australia is corrupt.