

Submission  
No 52


**INQUIRY INTO INQUIRY INTO PFAS CONTAMINATION  
IN WATERWAYS AND DRINKING WATER SUPPLIES  
THROUGHOUT NEW SOUTH WALES**

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**Dear Select Committee on PFAS Contamination in Waterways and Drinking Water Supplies Throughout New South Wales,**

The focus of this Submission regarding PFAS Contamination in Waterways and Drinking Water Supplies Throughout New South Wales predominantly focuses on PFAS contamination from the unregulated, out of control, Industrialised Solar/Wind Electricity Generating Works and Battery Energy Storage Systems whose fragile components contain and/or are coated with Toxic PFAS substances which can swiftly infiltrate the water table and local river systems, jeopardising both our quality of life and broader water infrastructure and will inevitably lead to Toxic Contamination of large tracts of limited, irreplaceable, life-sustaining Food resource land and vital Water  sources such as local aquifers, wells, dams, bores and local creeks as part of the Catchment for the Murrumbidgee River - Wagga's water supply and throughout NSW/Australia. There is also mention of relevant, unregulated Toxic PFAS Contaminating Biosolids.

The intense propaganda and clever marketing of the 'Clean, Green, Sustainable, Cheap, Renewable' Energy narrative has long hidden a complete lack of scrutiny, NO determination of risks and NO fact based Assessment of this disingenuous, Fake Green Solar/Wind Energy Poverty Grift and Ponzi Scheme/Scam.

Despite many years of local Riverina victims and numerous others ringing the alarm bells with every relevant authority in NSW/Australia - some for two decades - only to be persistently ignored - has resulted in large-scale, widespread inadequacy and a narrow minded, minimalist approach to the extent, the particular situations & the locations for monitoring and data collection of PFAS levels in waterways and drinking water sources.

There is an inept failure in local reporting and disclosure requirements to the public of monitoring and findings on PFAS contamination of our water, a serious lack of identification of communities at risk from PFAS contamination, inadequacy and ineffectiveness of government engagement with and support for communities who are known to be contaminated by RAFE Base related PFAS and a total absence of any acknowledgment, engagement or support for communities cursed by Toxic PFAS Contaminating 'Renewable' Energy due to the lack of identification, NO essential Determination of Toxic risks and NO factual Assessments at all for 'Renewable' Energy Infrastructure.

In spite of Industrialised Solar/Wind Electricity Generating Works and BESS being sources of widespread PFAS Contamination amongst thriving rural communities, precious biodiversity/ecological habitat & midst our most productive farming land with onsite and/or nearby Water  sources, this predatory industry is hastily fast-tracked by bureaucratic ideologues without a shred of practical evidence of adherence to Public Health and Safety parameters or any quantifiable Australian benefits - in order to progress an extremely disingenuous and damaging global agenda before the majority are aware of its torturous, anti-human, depopulation/deindustrialisation outcomes - designed to make Australia weak.

**\*\*Patricia Adams - China's Energy Dream** - "Carbon dioxide reduction only make sense for those it (China) wishes to harm & supplant."


\*<https://www.thegwpf.org/content/uploads/2021/12/Adams-Chinas-Energy-Dream.pdf>

This lack of Due Diligence is having seriously detrimental/irreversible health, environmental, social, cultural and economic impacts for human beings now and unjustly cruel and costly for future generations saddled with enduring the misery of useless, Toxic JUNK strewn EVERYWHERE, deleterious to our livestock, domestic animals and wildlife, water birds, fish, aquatic life and all living organisms reliant on healthy, uncontaminated Food and Water supplies.

**\*\*Unmasking the Toxic Truth - The Solar Panel Waste Story**

[https://youtu.be/\\_Ck2dHfIJ3s?si=0WS5CYhuCb6hNvP0](https://youtu.be/_Ck2dHfIJ3s?si=0WS5CYhuCb6hNvP0)

Whilst Wagga Wagga has long been clearly identified as a PFAS Contamination hotspot regarding RAFF Base Fire Fighting Foam, along with the Athol St Christmas Decoration PFAS Disaster, there remain numerous property owners who have been left in limbo, frustrated and in despair - with some questioning the validity of the testing process, others resorting to condemnation through media and some displaying highly concerning signage to vent their anguish over the lack of transparency, limited practical action and restricted acknowledgment of the extent of serious/irreversible harm already caused. (Reference: Sign - PFAS Ruining Australian Agriculture Forever - Bakers Lane/Sturt Highway, Wagga Wagga.)

One would expect that the present PFAS plume moving down the Murrumbidgee River in close proximity to sentinel bores - at a far more rapid rate than predicted by Riverina Water - within two years, compared to their original fifty year prediction - would make all relevant authorities hyper vigilant regarding all manner of Toxic Contamination Risks related to essential Water  that would threaten the community's Public Health & Safety & Intergenerational Equity, but nothing could be further from the truth when **IT'S ALL ABOUT THE MONEY - THE FAKE GREEN GRAVY TRAIN & prioritising the predatory, self accrediting, FAKE GREEN 'RENEWABLE' INDUSTRY ie. 'CLEAN ENERGY COUNCIL' - which has been enabled by NSW/Federal Government Approving Bodies to be 'A LAW UNTO ITSELF' akin to 'DRACULA IN CHARGE OF THE BLOOD BANK!'**

**The coating of PV Solar Panels is Toxic - consisting of persistent fluorinated polymers, a kind of Teflon film containing polytetrafluoroethylene (PTFE) and fluorinated ethylene (FEP).**

Alarming, "Even with an exceptional chemical and thermal stability, fluoropolymer particles will be disintegrated into microplastics by weathering and physical stress, which enables further dispersion and increased bioavailability" [**Are Fluoropolymers Really of Low Concern for Human and Environmental Health and Separate from Other PFAS? | Environmental Science & Technology**<https://pubs.acs.org/doi/10.1021/acs.est.0c03244>]

When these chemicals get into drinking water, aquifers, bores, farm dams, local catchment creeks and farm produce as an inevitable consequence of aged, degrading, damaged, broken, inferior or burnt Solar/Wind/BESS Electrical infrastructure in areas like the Bomen/Eunony Valley, Wagga Wagga Shire, now afflicted by 500,000 Toxic classed, CCP Slave Labour Linked Solar Panels - or the looming 2.4 Million unethical panels all coated with PFAS + the PFAS Contaminating BESS about to torture Greater Hume Shire Community WITH NO SOCIAL LICENCE - AGAINST THEIR WILL - WITH NO CONSENT -- PEOPLE BECOME EXPOSED!

**\*\*Forever chemicals' used in lithium ion batteries threaten environment, research finds | Lithium-ion batteries | The Guardian 14/7/24**


<https://www.theguardian.com/technology/article/2024/jul/14/forever-chemicals-lithium-ion-batteries-environment>

These Forever Chemicals are a persistent pollutant - linked to extremely serious, long term, detrimental health effects for humans and animals/wildlife as they contaminate water supplies and enter the food chain, accumulate and DO NOT degrade in nature or break down in our body. Neither are they suitable for sustainable recycling.

**"Studies submitted to the U.S EPA by DuPont (which manufactures PFAs) from 2006 to 2013 show that they caused tumors and reproductive problems in lab animals. Perfluorinated chemicals also increase risk of testicular and kidney cancers, ulcerative colitis (Crohn's disease), thyroid disease, pregnancy-induced hypertension (pre-eclampsia) and elevated cholesterol."**

It's not just the Toxic Solar Panels that are ignored - it's the Toxic Contaminating supporting infrastructure with PFAS coated Electrical Wiring, Inverters, Associated Infrastructure and Corroding Galvanized Steel Posts that

leach toxic cadmium, lead, and zinc into the soil.

Whilst essential reputable, independent, peer reviewed, baseline and ongoing testing of our rich soil heritage and vital Water  sources has been deliberately ignored in our rural Food producing communities by relevant Authorities - NSW EPA, DPI-Agriculture & DPIE Water - all of whom have completely failed to factually address the 'Reckless RenewaBULL Curse,' such immediate action is of paramount importance given the overwhelming global evidence available - including that it is widely acknowledged "cadmium can be released to drinking water from the corrosion of some galvanized plumbing and water main pipe materials" and "galvanised metal containers are not safe to serve food and drinks in. The acidity of the food or drink could dissolve the zinc coating allowing it to leach into the food or drink."

\*\*Contamination from Industrialised Solar's Galvanised Steel Supports

<https://www.facebook.com/share/p/srbXaCbKgVXocgsm/?mibextid=xfxF2i>

Unlike Australia's shameful reliance on China's unethical, Slave Labour Supply Chain linked Toxic PFOS coated Industrialised Solar, PFAS Contaminating Wind Turbine Blades shedding Bisphenol A (lethal to young children - as Toxic as Blue Asbestos -

[https://www.zeeland.nl/sites/default/files/digitaalarchief/IB23\\_b50318e9.pdf](https://www.zeeland.nl/sites/default/files/digitaalarchief/IB23_b50318e9.pdf)) and PFAS

Contaminating Lithium-ion BESS for all industrialised RenewaBULL JUNK, the industry is clearly aware of its PFAS Contaminating nightmare with other more reputable companies beginning to promote PFAS-Free Solar Panels such as WINAICO's Glass-Glass Solar Modules are PFAS-Free - WINAICO Australia - 17/6/24

<https://www.winaico.com.au/blog/winaicos-glass-glass-solar-modules-are-pfas-free> - in order to reduce harmful chemicals being released in the environment, to protect human health, ecosystems and wildlife from contamination, enable safe rainwater consumption and reduce Toxic Solar waste with a sustainable, reusable product.

**PFAS Contaminating Unregulated Biosolids** & all manner of concoctions being spread around the Bomen and Mates Gully Rd areas of Wagga Wagga Shire from the local Gregadoo Waste Facility by 'Carbon Mate' - under the guise of Fake Green Sustainability (just like the disingenuous Riverina Sustainability Centre off Byrnes Rd Bomen) has presented a revolting, unsightly raw sewerage looking, stench creating, persistent problem for many years.

Thorough analysis of the riskiness of these suspect activities and the somewhat questionable arrangement with Council are immediately essential to ensure that Due Diligence is being done with Public Health & Safety paramount - so that NO Toxic Contamination is occurring now or will occur over the long term.

It also appears that Sydney 'sewerage'/Biosolids has also been trucked to the Central West and Riverina which needs clarification, transparency and an immediate and thorough, reputable independent Testing regime implemented.

"Studies have linked exposure to these (PFAS in Biosolids) chemicals with human diseases such as high cholesterol, lower birth weight in babies and an increased risk of testicular and kidney cancer."

**'Forever chemicals' found in Sydney sewage by-products used in food production - ABC News**

<https://www.abc.net.au/news/2024-12-17/pfas-forever-chemicals-found-biosolids-used-food-production-nsw/104724502>

**What now considering that RenewaBULLs ARE THE ASBESTOS OF THE FUTURE?**

**ESSENTIAL CONDITIONS:**

**\*An Immediate Moratorium and Federal Independent Inquiry is of primary importance** to ensure ADHERENCE TO ALL PRINCIPLES OF ECOLOGICALLY SUSTAINABLE DEVELOPMENT, ENVIRONMENTAL INTEGRITY, PROTECTION OF BIODIVERSITY, FOOD SECURITY, ENERGY SECURITY,

INTERGENERATIONAL EQUITY, ECONOMIC PROSPERITY & NATIONAL SECURITY regarding all Renewable Energy projects & TransGrid's Transmission Line Interconnectors - **including a Comprehensive Audit** of all companies & connections involved - as to who is subject to the CCP's National Intelligence Law to ensure Allegiance to Australia.AU

**\*Prioritise reliable, efficient, affordable, plentiful, secure, 24/7 Australian Power with Minimal Environmental Footprint to meet all aspects of the National Electricity Law Objective:-**

The objective of the National Electricity Law is to promote efficient investment in, & efficient operation and use of, electricity services for the long term interests of consumers with respect to:-

(a) price, quality, safety, reliability and security of supply of electricity;

and

(b) the reliability, safety and security of the national electricity system;

and

(c) the achievement of targets set by a participating jurisdiction

(i) for reducing Australia's greenhouse gas emissions; or

(ii) that are likely to contribute to reducing Australia's greenhouse gas emissions.

**\*Immediately Ban all imported Chinese Supply Chain Linked Solar Panels, Wind Turbines and Lithium-ion Batteries as these are NOT ESSENTIAL products.**

**They DO NOT satisfy the New Modern Slavery Condition as they are unethically based, have non-existent or confected/suspicious Material Data and Safety Sheets & contain PFAS/PFOs** which will NOT satisfy the POEO Act or the Amended Stormwater Management Plan which is required PRIOR to Construction - including a Contamination Response Procedure, Qualified Monitoring, Testing & Reporting.

**\*\*Disclose all PFAS substances, as well as their uses and levels in any products the companies have manufactured or imported since 2011" - including owners of existing Solar/Wind Electricity Generating Works & BESS.**

**\*A comprehensive list of all molecular compounds/chemical elements must be provided by the Solar Panel manufacturer as well as inclusion of the Toxicity, Degradation & Fragility Ratings, etc.**


**\*Substitute PFAS-free Solar Panels & BESS if they are determined to be free of other Toxic Compounds including numerous Heavy-Metals including Lead that are likely to leach from fragile panels or cause Life-Threatening Toxic Fumes/Smoke from Hazardous Solar/Wind/BESS Fires**

\*\*Leaching Via Weak Spots in Solar Panels

[https://www.researchgate.net/publication/348883160\\_Leaching\\_via\\_Weak\\_Spots\\_in\\_Photovoltaic\\_Modules](https://www.researchgate.net/publication/348883160_Leaching_via_Weak_Spots_in_Photovoltaic_Modules)

"Our long-term experiments clearly demonstrate that it is possible to leach out all, or at least a large amount, of the (toxic) elements from the photovoltaic modules. It is therefore not sufficient to carry out experiments just over 24 h and to conclude on the stability and environmental impact of photovoltaic modules."

**\*Ensure only reputable companies are to be used who provide Toxicity Guarantees on their Solar Panels, Wind Turbine Blades, Battery Energy Storage Systems, Electrical Wiring, Inverters, Associated Transmission Line Infrastructure - being Free of Dangerous Chemicals - including PFAS - Free.**

**\*When reviewing Applications, the Approving Bodies must find the resources to ensure essential, reputable, independent, peer reviewed Research has been done & Stop  just Trusting the Deceptive Developers - who falsely claim they use NON-Toxic Solar Panels -**  
as was the case with the infamously dodgy, glaringly obvious Conflict of Interest case of Walla Walla Solar where the DPIE Walla Walla Solar Planner and Environmental Assessment Officer immediately became the Walla Walla Solar Project Developer after its fudged Approval.  
He readily admitted that the **DPIE DID NOT have the resources to do the essential Research regarding Contamination & Heat Island Effect impacts - they were just trusting the Developers!**

**\*In order to protect the Public, Developers must provide NON-Toxic evidence via Material and Data Safety Sheets, Preventative Measures and thorough, reputable, independent, peer reviewed Testing Regimes, a Guarantee with up-front Bonds for immediate Clean-Up from sudden storm events, proven Decommissioning and Remediation ability to return the site and surrounds to equal if not better inherent capability/natural resource land status - with NO Toxic Contamination caused by their Solar/Wind/BESS/Transmission Line Interconnector Infrastructure** - in order to protect the innocent victims - including the Rate-paying Community - from future liability due to inept Councils and the risky, reckless RenewaBULL Moral Hazard being inflicted by NSW/Federal Government.

**\*“Preventative measures—not after-the-fact remediation—are the answer to avoiding PFAS contamination of soil, stormwater runoff, drinking water, and aquifers surrounding” ALL Industrialised Solar/Wind Electricity Generating Works, BESS and Transmission Line Interconnector projects.**

According to Legal Proceedings in Coxsackie, U.S -

“While the level of toxicity of ARC and ASC may lack clarity, the coatings’ exposure to the elements and where the sloughed-off chemicals will be deposited is not. The chemicals are likely to enter the soil and groundwater.”

“As has been noted throughout this proceeding, multiple solar projects will be constructed in the watershed of Sleepy Hollow Lake. Measures should be taken to determine that panels, electrical infrastructure, and wiring for these projects is PFAS-free.

What we are discussing here is a matter of public health and safety, we encourage the Board to require developers to provide specification sheets, and to describe preventive measures, testing policies, and Material and Data Safety Sheets in order to protect Coxsackie public health and to protect the town from future liability.

Preventative measures—not after-the-fact remediation—are the answer to avoiding PFAS contamination of soil, stormwater runoff, drinking water, and aquifers surrounding the project.”

<https://www.bondexchange.com/oil-industry-woes-lead-to-massive-changes-in-the-insurance-industry/>

Saving Greene: PFAS 23 September 2021

**\*Baseline Testing and Ongoing Soil and Water Monitoring, Testing and Transparent Reporting by Reputable, Independent, Peer Reviewed Experts as a prerequisite to all Industrialised Solar/Wind/BESS & Associated Transmission Line Infrastructure plans - with all costs born by the Developers & Network Operators - NOT the mistreated communities and Public Taxpayers** who are now being left in the lurch to clean up these abandoned, unmitigated, Toxic disasters - if that’s even possible!

**\*Industrialised Solar/Wind/BESS should already be Complying with PFAS Reporting Obligations under a Toxic Substances Control Act** - with genuinely independent expert, peer reviewed oversight.

However, NSW EPA advised me that they won't accept a complaint or do anything until our property is already contaminated, which is totally unacceptable!

**\*The Pretence of 'Good Intentions' is NOT acceptable for the City of Sydney, Westpac, Coles, Microsoft, Telstra, & co to GREENWASH with their disingenuous Power Purchase Agreements based on horrendous practical ECOCIDAL outcomes** for Bomen, Wagga Wagga, Greater Hume Shire & throughout NSW from the **shameful scourge of Toxic Contamination & cruelly tortured Uyghur Slave Labour Reliance for CCP Solar Panels & torturous Cobalt Mines in the Congo.**

**\*Transparency, Genuine Consultation, Accountability and Justice is Required for Rural/Regional Communities**- including the Wagga Shire Public from Local Wagga Council, Politicians at all levels of Government, the Public Broadcaster, Corporate Bodies like Westpac and designated entities/companies such as Riverina Water, NSW Farmers, NFF, RFS Hierarchy, Regional Development Riverina, Committee for Wagga, Business Chamber, CWA, TransGrid, Essential Energy, Origin, AGN, 'Renewable' Energy Companies, etc. regarding impactful community projects that have long term detrimental outcomes - including life-threatening results - affecting Community Well-Being, Public Health and Safety, Deprivation of Liberty and Practical Environmental Contamination/Degradation.

**\*Restitution for Ratepayers and Residents.**

The Wagga Cabal of Secrecy has defied Due Diligence implementing sneaky, underhanded tactics prioritising financial and political gains to ensure the Public have been kept in the dark and severely harmed by Woke projects planned and implemented including:

- Large-Scale Solar and Battery Energy Storage Systems
- Project Energy Connect, HumeLink, VNI West.
- Community Batteries on Power Poles
- Fake Green Bomen Activation Precinct
- Unregulated Dumping/Spreading of Biosolids
- Contaminated Recycling Waste Facility - ie. Visy Waste Dump.
- Intermodel Hub
- Inland Rail

**\*Reporting Obligations & Duties must have 'Teeth'** as the Modern Slavery Act has done nothing to date in NSW to change the evil practises of the predatory Solar/Wind/BESS Industry, nor the considerations or Assessments done by Approving Bodies - including DPIE/DPHI & IPCN - who completely ignore these as if they didn't exist in order to continue prioritising predatory Developers over Public Health & Safety, Scientific Rigour, Engineering Facts, Integrity & Ethics - because they have knowingly inflicted the risky Moral Hazard of Unethical & Toxic Contaminating Solar/Wind/BESS SSD's onto the usually unaware Local Regulatory Authority ie. Local Councils - who are ultimately responsible/liable for Hosting Unethical Renewable Infrastructure & also for any Contamination or Pollution caused by Solar/Wind Electricity Generating Works under the POEO Act.

**\*\*New Condition Inserted C4A - Dealing With Modern Slavery.**  
Commonwealth Modern Slavery Act 2018

**\*\*Amended Condition C8.**

Prior to Commencement of Any Works - Storm Water Management Plan.

\*NSW Local Council Act 1993

428 Annual Report

438 ZE Duty to Ensure Goods & Services Are Not Procured From Modern Slavery

**Who is Responsible for Soil/Water Contamination and Pollution caused by Solar/Wind Electricity Generating Works? - EPA Reply.**

From

Lynette LaBlack