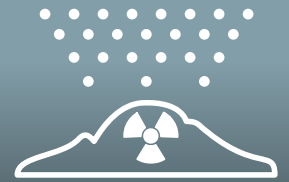


2.2 MILLION TONNES OF TOXIC INCINERATOR ASH

FACTSHEET #3



WASTE ASH CONTAMINATION:

**PERSISTENT
ORGANIC
POLLUTANTS
(POPs)**

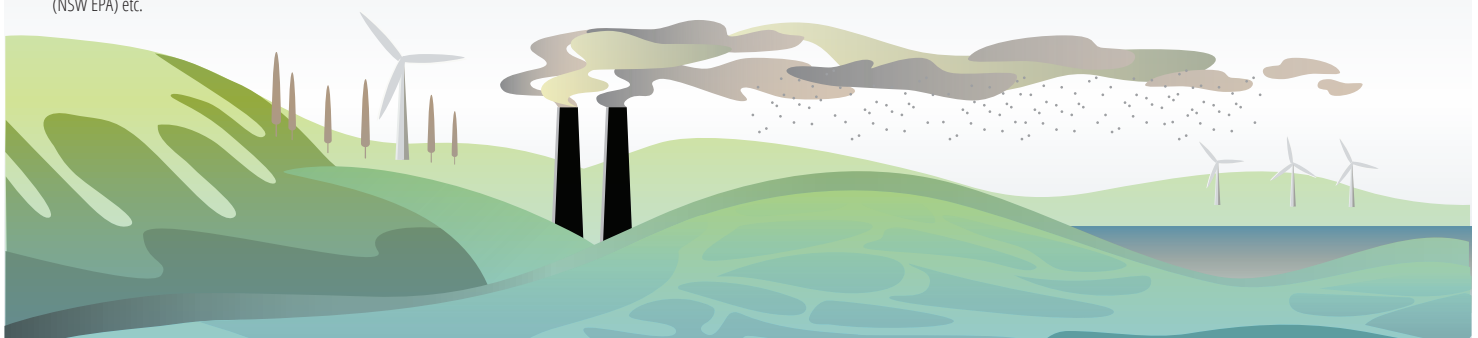
**(DIOXINS, FURANS,
PFAS & PCBs)**

**HEAVY METALS
(LEAD, MERCURY,
ARSENIC, CADMIUM &
THALLIUM).^{3,4}**

REFERENCES:

1. NSW Department of Planning (Woodlawn ARC); Veolia Woodlawn ARC website; Tarago Community communications with Veolia, 2022.
2. The Hidden Impacts of incineration residues, ToxicoWatch, Zero Waste Europe 2019
3. After Incineration: The Toxic Ash Problem, IPEN 2005
4. Toxic Fallout - Waste Incinerator Bottom Ash in a Circular Economy, Zero Waste Europe 2022
5. Waste Classification Guidelines, NSW EPA
6. Environmental Health Risk Assessment of Dioxin Exposure through Foods in a Dioxin Hot Spot—Bien Hoa City, Vietnam; Tuet-Hanh et al., 2010, International Journal of Environmental Research and Public Health
7. Draft Guide to Groundwater Resources in NSW, NSW Government Department of Planning and Environment, 2022.
8. \$590,000 financial undertaking secured after asbestos find, 7 October 2022, NSW EPA
9. EPA fines Veolia Environmental Services for waste offence 23 July 2021 (NSW EPA) etc.

- 1 Veolia's incinerator will create a 2.2 million tonne mountain of contaminated waste ash.^{1,2}
- 2 Veolia plans to **landfill** the less-contaminated 'bottom ash' at their Tarago site.¹
- 3 'Air Pollution Control Residue' (APCR) or 'fly ash' is classified as '**hazardous waste**' by the NSW Environmental Protection Authority (EPA).⁵
- 4 The safest way to manage 'APCR' is to vitrify it (melt it into a glass-like substance). Instead, Veolia is going to mix the hazardous ash with cement and **bury it in a pit near Tarago**. Veolia says the **lifespan** of the pit sealants is the same as the facility (**25 years**).¹
- 5 Persistent organic pollutants (POPs) and toxins in the pit will remain for over 1,000 years.⁶ These **deadly chemicals** leach out of concrete into the surrounding environment.^{3,4}
- 6 If toxic ash leaches into the groundwater aquifer under Tarago and Lake George it will **poison** bores, springs, creeks, rivers, lakes and dams throughout the Sydney water catchment.^{2,3,4,7}
- 7 Veolia tells us it is 'safe'.¹ Veolia was recently fined for exposing workers and local communities to asbestos.⁸ Veolia breaches licence conditions.^{8,9} Veolia has a history of polluting our region.^{8,9} **Can we trust Veolia?**



TAKE ACTION BEFORE IT'S TOO LATE!



**SUBMIT YOUR OBJECTION BEFORE
6th December 2022**

**GO TO www.NoTaragoIncinerator.com
FOR MORE INFORMATION**

