



*Leaders in Environmental Technology*

# Introduction to HydroMet

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HYDROMET CORPORATION PTY LIMITED

HydroMet is a pioneer in environmental processing technology, offering a solution to heavy industrial waste problems.

How we do this:

- Collect contaminant metals in by-product waste residues from a variety of smelters and industrial manufacturing processes;
- Recycle these residues using hydrometallurgical and pyrometallurgical technologies developed in-house over three decades;
- Produce value-added metals or metal chemicals safe for agricultural, mining or industrial applications.

HydroMet's technology provides an environmentally aware alternative to long-term storage or disposal of contaminant metal waste.

While at the same time producing a valuable end product for sale to Australian and overseas industries.

# History of HydroMet

HYDROMET CORPORATION PTY LIMITED

1984	Founded in Sydney as a research and development facility to investigate extraction and manufacturing processes.
1984 – 2012	Publicly listed on Australian Stock Exchange.  Business activities expanded to include various project-based hazardous waste processing and resource recovery activities.
1989	Established HydroMet's Southern battery (ULAB's) operation plant on a 20,000 sqm site in Unanderra, approximately two hours south of Sydney.
1993	Established HydroMet's Northern plant on a 35,000 sqm site in Tomago, approximately two hours north of Sydney.
2012	HydroMet was taken over by Simon Henry, a majority shareholder from New Zealand, in May 2012. The company was subsequently delisted from ASX and privatised.
2013	HydroMet took over Simstar Alloys plant in Laverton North, Victoria and is currently installing a new 10 tonne per hour battery breaker to complement the existing furnace and refinery.

# Our Products, Services & Future Prospects

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HYDROMET CORPORATION PTY LIMITED

HydroMet's expertise is in metal waste recycling. Our products and services include:

**1. Recovering and Recycling Solutions**

HydroMet creates solutions for the recovery and recycling of metal contaminants from a range of industrial residues.

**2. Treatment of Hazardous Residues**

HydroMet has developed effective processes for immobilising contaminants, enabling safe and environmentally acceptable waste disposal for landfill.

**3. Processing of Gold and Other Precious & Rare Earth Metals bearing Concentrates and Residue**

HydroMet's unique environmental processing technology has enabled speciality chemical and 'toll' treatment capabilities.

**4. Treatment of Anode Slimes**

HydroMet has treated Anode Slime residues from various international companies.

**5. Metal Chemicals Manufacturing**

HydroMet manufactures a range of metal chemicals for both agricultural and industrial applications, including:

- Zinc Sulphate
- Copper Sulphate
- Lead Grid
- Lead Oxide
- Refined Lead
- Polypropylene
- Selenium Powder
- Tellurium Intermediate
- Precious Metal

# Estimated Production

HYDROMET CORPORATION PTY LIMITED

The estimated annual production of HydroMet is:

- 12,500 metric tonnes of Lead Grid
- 22,500 metric tonnes of Lead Concentrate
- 6,000 metric tonnes of Soft Lead (Pb 99.97%)
- 3,000 metric tonnes of Lead Alloys (made to customer specifications)
- 3,000 metric tonnes of Polypropylene
- 70 metric tonnes of Selenium



# Summation of Assays

HYDROMET CORPORATION PTY LIMITED

## Lead Metal

<b>% Lead (Pb)</b>	91.0% ± 1.0%
<b>% Moisture Content</b>	4.0% ± 1.0%
<b>% Sulphates (SO4)</b>	3.0%
<b>% Antimony (Sb)</b>	2.0%
<b>% Calcium (Ca)</b>	0.1%



## Lead Concentrate

<b>% Lead (Pb)</b>	74.0% ± 1.0%
<b>% Moisture Content</b>	< 8.0%
<b>% Sulphates (SO4)</b>	18.0%
<b>% Antimony (Sb)</b>	0.2%
<b>% Calcium (Ca)</b>	



# Key Personnel

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- Mr Simon Henry (Managing Director)

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# Contact

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