

From: [Luke Mortimer](#)
To: [DPIE Greater Sydney Water Strategy Mailbox](#)
Subject: FW: Recycled Water
Date: Tuesday, 28 September 2021 2:51:20 PM

Just forwarding this through to the GSWS mail box so it is formally captured in our processes.

From: Ashraf El-Sherbini [REDACTED]
Sent: Tuesday, 28 September 2021 1:58 PM
To: David Gough [REDACTED]; Amanda Jones [REDACTED]
Cc: Genine Somers [REDACTED]; Luke Mortimer [REDACTED]
Subject: Fw: Recycled Water

FYI all

Genine, Luke - can we capture this as feedback on the draft Strategy please.

Thanks
Ash

Ashraf El-Sherbini
Director, Metropolitan Water Strategies

Water Group | Department of Planning, Industry and Environment
M [REDACTED] | E [REDACTED]
www.dpie.nsw.gov.au



From: [REDACTED]
Sent: Tuesday, 28 September 2021 1:53 PM
To: Ashraf El-Sherbini [REDACTED]
Cc: Jim Bentley [REDACTED]; 'James Griffin MP' [REDACTED]; Jim Betts [REDACTED]
Subject: RE: Recycled Water

Mr El-Sherbini

I was very pleased to see in this morning's Herald that potable use of recycled waste water is being considered for Sydney. The article refers to development of a demonstration plant. In fact the existing recycled water plant at Homebush commissioned in 2000 for the Olympic Games was set up as a demonstration project and has been producing potable quality water for 21

years. The Health Dept required this because of the almost certain risk of accidental ingestion and drinking of this water. The operational data from this plant would be very useful in demonstrating that reliable potable water can be obtained from waste water. The base inflow to this plant is sewage effluent which is supplemented with stormwater to meet peak summer demands. While obvious technological improvements have been made over the last two decades the basics remain much the same. If this plant was linked into the current potable supply network some additional belt and braces quality monitoring would be required.

I am not suggesting that the proposed new demonstration plant is not necessary but the Homebush plant should be incorporated into the demonstration plan and use made of its 21 years of operational data.

As I stated in my email to you in March, I am a retired engineer and an acknowledged expert in recycled water. I was responsible for design and obtaining approvals for the Homebush plant. I have no commercial connections and am happy to volunteer advice in this area.

Ian Sharp

From: Ashraf El-Sherbini [REDACTED]
Sent: Friday, 5 March 2021 1:35 PM
To: [REDACTED]
Cc: Jim Bentley [REDACTED]; James Griffin MP
[REDACTED]; Jim Betts [REDACTED]
Subject: Re: Recycled Water

Dear Mr Sharp

Thank you for your email and your offer to volunteer advice.

I'll pass on your details to Sydney Water because it has responsibility for most supply augmentation in Greater Sydney, including for water recycling projects. They would likely derive greater benefit from your expertise. I'd be happy to facilitate introductions if you wish.

Also as an update from our last discussion, we expect to be in a position to consult with stakeholders on the draft Greater Sydney Water Strategy in the third quarter of this year and would welcome your advice on that at the time. I'll be in touch once the process commences.

Please let me know if there's any other way I can be of assistance.

Ash

Ashraf El-Sherbini
Director, Metropolitan Water Strategies



From: [REDACTED]
Sent: Friday, 5 March 2021 9:15 AM
To: Ashraf El-Sherbini [REDACTED]
Cc: Jim Bentley [REDACTED]; Jim Betts [REDACTED]; James Griffin MP [REDACTED] >
Subject: Recycled Water

Mr Ashraf El-Sherbini

I have attached letters from Minister Pavey and local state member James Griffin which both refer me to you. We spoke briefly on this matter shortly after I received the letters and you said you would look into it. I am a retired engineer and an acknowledged expert in recycled water, I have no commercial connections and am happy to volunteer advice in this area.

Ian Sharp

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