



Agenda Legatus Group CWMS Advisory Committee

10 November 2023 1.30pm

Via Microsoft Teams

Meeting ID: 431 623 874 190

Passcode: mLKB9q

1. Welcome

Chairperson to be confirmed.

2. Attendance:

Members: Mayor Ken Anderson, Gary Easthope, Grant Smith, Nathan Berry and Megan Renzella.

Non-Members: Simon Millcock, Tracey Rains and Lisa Teburea

New members: The Legatus Group Annual General Meeting appointed Mayor Ken Anderson (Flinders Ranges) and supported the continuation of the Legatus Group CWMS Advisory Committee and called for expressions of interest for any current vacancies. Application received from Megan Renzella General Manager Infrastructure and Environment Light Regional Council.

Recommendation: That the Legatus Group CWMS Advisory Committee supports the appointment of Megan Renzella as a member.

3. Apologies

4. Conflict of Interest TBA

5. Minutes of previous meeting

The draft Minutes from the previous meeting held on 2 August 2023 were distributed to all members and can be found at <https://legatus.sa.gov.au/wp-content/uploads/2023/08/2-August-2023DraftMinutes-1.pdf>

These were provided to the 25 August 2023 Legatus Group meeting.

Recommendation: That the Legatus Group Community Wastewater Management Scheme Advisory Committee minutes of the 2 August 2023 be taken as read and confirmed.

6. Business Arising

6.1 Legatus Group / CWMS Advisory Committee / Joint Services Agreement

Author: Simon Millcock

The Legatus Group have adopted the 2023/2024 Legatus Group Business Plan which includes Waste Management – Wastewater. With support for (1) the Legatus Group Community Wastewater

Management Scheme Advisory Committee and (2) the extended life of systems using wetlands project in collaboration with UniSA, Yorke Peninsula Council, LGA SA and SA2050. There is no specific allocation of funds in the budget for project work.

The Legatus Group CEO provided the final report (Attachment A) in September 2023 for the Joint Services Agreement along with notes prepared by Paul Chapman on the CWMS Training Course. This included the report on the 2023 Annual Conference.

The following 2 recommendations from the 2 August 2023 Legatus Group CWMS Advisory Committee were presented to the Legatus Group 25 August 2023 meeting:

1. The Legatus Group advocates to the LGA that they support the development of a model for a Local Government Sector CWMS Alliance / Committee.
2. Recommends the Legatus Group submits an application for funding to the CWMS Research and Development scheme for the Legatus Group to deliver regional workshops and the annual conference.

The Legatus Group decided that these recommendations be considered following the Legatus Groups Strategic Plan review and Lisa Teburea from BRM Advisory is leading the review. Lisa attended the meeting which was to be held on 19 October (rescheduled due to no quorum) and heard from those who attended.

Advice received on 12 October 2023 was that the new process has been set-up for funding through the LGA CWMS Management Committee. This will be similar to the existing LGA R&D scheme and the sub-committee have confirmed the criteria. This should be released in the coming weeks and information will be provided.

David Eggers at the LGA was invited to provide information for the meeting.

Recommendation: that the committee receives and notes the report.

6.2 Legatus Group CWMS Workshop / Information

Author: Simon Millcock

The Legatus Group has held 1-2 workshops / information sessions per year for member councils on CWMS during the past 4-5 years. These have provided an opportunity for CWMS Operators to come together and discuss topical issues and allowed guests to attend and present.

The Legatus Group CEO has met with representatives from SA 2025 (see attached brochures) who believe there are benefits for regional councils and their constituents in adopting the Hydro new water technology, especially with Australian forecast to go into a hotter & drier phase. They advised the following:

Hydro ultrafine bubbles injected with either air, oxygen, ozone improves financial outcomes for:

- **Regional Wastewater treatment plants:** *improving plant efficiency to process effluent faster/defer capital expansion; eliminates algae build up; and the process is more energy efficient than traditional DAF (Dissolved Air Flotation) systems. As you know we are doing the trial with UniSA at the Ardrossan wastewater treatment plant. There is more scope to reuse the wastewater which is in better condition for irrigation, greening or other uses. We are finalists with UniSA in National Water Awards with ultrafine bubbles and ozone use – will have more on this later.*

- **Dams/Lakes/Ponds:** Algae & Bluegreen Algae build up are problems for many static water bodies resulting in poor water quality; odour & is unsightly; and water not fit for purpose. These issues are easily resolved without use of chemicals by treating with ozone injected ultrafine bubbles.
- **Agriculture/Irrigation:** Hydro eliminates pathogens (without chemicals) for healthier water, and super saturating water with Dissolved Oxygen (3 x level of tap water) dramatically improves plant health/growth/yield leading to better returns.
- **Sustainability:** Hydro has inbuilt oxygen and ozone generators and requires no added chemicals/no chemical storage & handling (eg chlorine, hydrogen peroxide, copper). The only byproduct from the process is increased Oxygen in the water which is beneficial.

Plus, they advised they would welcome the opportunity to provide a demonstration with a mobile Hydro unit.

Recommendation: That the Advisory Committee notes the report and supports the next meeting of the committee to be held in conjunction with an information / workshop session for all member councils with an invite to LGA CWMS Manager and SA20250 to attend and present.

6.3 On-line, on-demand CWMS training course + TAFE Certificate III

Author Simon Millcock

1. Online on demand CWMS Training - No further updates have been provided by the LGA.
2. TAFE Certificate III

The Legatus Group CEO has contacted Richard Scott Accomplished Lecturer Water Operations TAFE to gain further information and advice received. TAFE have scheduled the first week of their SRC (Small Regional Councils) wastewater training courses for Northern area for:

- First Unit Commencing introduction week of 6 -10 May 2024 with students at the training venue (to be confirmed later) students on class 7 - 9 May 2024
- Second unit programmed in for 17 - 2 June 2024 with students at the training venue (to be confirmed later) students on class 18 - 20 June 2024

Advise is that the training may be fee free which is even better for getting numbers on board.

Phil Kotaras the Risk Coordinator at Port Pirie Regional Council has been collating the names for people from the member councils to be involved.

For noting.

6.4 UniSA and Yorke Peninsula CWMS expansion project

Author Simon Millcock

Delays have occurred for the start of this project as Yorke Peninsula Council and UniSA are attempting to resolve issues around work health and safety and matters of liability. The Legatus Group CEO met with UniSA and has then been in dialogue with Yorke Peninsula Council.

For noting.

7. Other business - Membership

8. Close and next meeting.