



**ICC 825 Private Sewage Disposal Systems  
Standard Consensus Committee (IS-PSDS)**

**Meeting #13 Minutes – April 9, 2024**

The thirteenth meeting of the ICC 825 Private Sewage Disposal Systems Standard Consensus Committee (IS-PSDS) was held on April 9, 2024, in virtual format. The meeting was conducted in accordance with ICC’s Consensus Procedures. [https://www.iccsafe.org/wp-content/uploads/ICC-Consensus-Procedures-ANSI-approved-8\\_2\\_21-BOD-apprvd-8\\_27\\_21.pdf](https://www.iccsafe.org/wp-content/uploads/ICC-Consensus-Procedures-ANSI-approved-8_2_21-BOD-apprvd-8_27_21.pdf)

1. Welcome –Chairman, Shaun May, convened the meeting and welcomed attendees at 3:08 CDT (4:08pm EDT)\* along with Staff Secretariat, Ramiro Mata. Mata reviewed the ICC Code of Ethics and the Anti-Trust Policy, both of which can be found in the ICC 825 webpage. Mata also announced that the meeting will be recorded for internal reference only and that recording by anyone other than ICC staff is prohibited.

*\*NOTE: Working group sessions were held from 1pm – 3pm CST (2pm – 4pm EST). Unless the committee elects otherwise, future meetings will follow this format.*

2. Roll Call and Committee Introductions – May called the meeting to order, and Mata took roll call of committee members –  indicates present.

Regulator		User		Manufacturer		SDO/Test Lab	
<input checked="" type="checkbox"/>	Shaun May	<input type="checkbox"/>	Esber Andiroglu PhD, PE	<input checked="" type="checkbox"/>	Bob Carpenter	<input checked="" type="checkbox"/>	Derek DeLand
<input type="checkbox"/>	Paula Kehoe	<input checked="" type="checkbox"/>	Tunzyaan Griffin	<input checked="" type="checkbox"/>	Jonathan Kaiser		
		<input checked="" type="checkbox"/>	Albert (Bob) Rubin PhD	<input checked="" type="checkbox"/>	Ray Kennedy		
		<input type="checkbox"/>	Robert Schutz, PE				

3. Interested Parties and Guests
  - a. Interested Parties – Dr. Bronwyn Humpries, Dr. Louise Weaver
  - b. Guests – Rick Lake
  - c. ICC Staff – Rich Anderson
4. Membership and Quorum – Mata indicated that with 8 out of 10 members in attendance, quorum was achieved.
  - a. Membership Review – Paula Kehoe and Rober Schutz were approved by the ICC Board as our new committee members.
  - b. Peter McLennan stepped down.
5. Specbuilder Presentation – Rick Lake from ASTM provided a brief introduction of Specbuilder balloting system
6. Approval of March 12, 2024, Minutes – Motion by Tunzyaan and seconded by DeLand. Motion approved.

7. Approval of April 9, 2024, Agenda – Motion by Tunzyaan and seconded by DeLand. Motion approved.
8. Review Outline and Timeline
  - a. May led a review of an outline related to sewage system standards development but noted that they had not yet dealt with establishing a timeline during this particular meeting.
  - b. He discussed the timeline for developing the standard, emphasizing that they worked backward from the target timeframe for completing the standard.
  - c. He mentioned building in extra time and starting with the individual private sewage disposal code from ICC as a foundational point.
  - d. The collaboration with the University of Miami was highlighted as unique, providing global research input into their process.
9. University of Miami Research Update –Tabled, Perry and Andiroglu were not in attendance.
10. Working Group Updates
  - a. WG 1, Open Defecation/Unimproved Facilities, Update – Perry submitted draft documents.
    - i. Mata confirmed that Austin's submitted draft was ready for full committee review while seeking feedback from other members on proposed revisions or better language alternatives.
    - ii. The discussion revolved around recalibrating work groups to share tasks effectively. Derek recommended dividing tasks based on treatment/disposal methods like conventional systems (beds/drain fields), mounds, pressure distribution systems, alternative methods (e.g., wetlands).
  - b. WG 2, Improved Limited OWTS Update – DeLand
    - i. The working group reviewed comments submitted by Jon Kaiser and Ray Kennedy.
    - ii. The definition and scope were clarified and discussed in detail. Revisions to the language used in the standards documentation were proposed and deliberated. The process of editing and refining the text within the standards documentation was outlined.
    - iii. Considerations related to the use of single compartment tanks in septic system design were discussed. Factors influencing the design of septic tanks and their implications were examined. A debate regarding the use and efficacy of single compartment tanks in septic systems was conducted. The relationship between state regulations and model standards in the context of septic tank design was explored. The capacities of septic tanks and their relevance to system performance were discussed. The review of action items related to septic tank design and considerations was conducted.
    - iv. Considerations related to the capacity and design of septic tanks were discussed in the context of global perspectives. Factors to consider when applying septic tank standards globally were examined and discussed. The standardization of tank sizes based on the number of bedrooms in a property was deliberated. The adaptation of international standards to local contexts and the associated

challenges were discussed. Estimations of flow rates and the integration of graywater considerations in septic tank sizing were explored.

- v. The meeting discussed the formation of working groups to focus on specific areas such as soil absorption, drip irrigation, and spray irrigation. It was suggested that small committees with two or three members be formed to ensure timely progress.

11. Review of Action Items

- a. Discuss trigger point for realigning working groups at next prep meeting – May/DeLand
  - i. The discussion focused on revising the timeline.
- b. Submit drafts for Preface and Unimproved Facilities – Perry – Completed

12. New Action Items

- a. Revise Collection, Septic and Holding Tanks section – Kennedy, Kaiser
- b. Revise Pit Latrine section - DeLand
- c. Revise Conventional Soil Absorption – Kaiser
- d. Revise Pressure Distribution section– Kennedy
- e. Revise Mound System – May
- f. Send the non-disclosure agreement to Weaver and Humphries – Mata
- g. Add Weaver and Humphries to the authorized list to access the working group folders – Mata
- h. Send the updated draft document to DeLand – Mata
- i. Send the shared document link to Griffin – Mata

13. Add Jake Cherniayeff to Mound systems working group – Mata

14. New Business

- a. In-Person Meeting at NOWRA, Oct 20-23, Spokane, WA – Mata will send a poll to gauge interest.

15. Old Business

16. Next Meeting – May 7, 2024

- a. Working Groups: 1pm – 3pm Central (2pm – 4pm Eastern)

17. Full Committee: 3pm – 5pm Central (4pm – 6pm Eastern)

- a. Adjournment