



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

Meeting #2 Minutes – May 9, 2023

The second meeting of the ICC 825 Private Sewage Disposal Systems Standard Consensus Committee (IS-PSDS) was held on May 9, 2023 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

1. Welcome - Staff Secretariat, Ramiro Mata, welcomed attendees and Chairman, Shaun May, convened the meeting at 2:05pm EDT.
2. Roll Call and Committee Introductions – Chairman Shaun May called the meeting to order by taking a roll call of committee members – indicates present. ICC Staff Members present: Matt Sigler (ICC-PMG) and Rich Anderson (ICC-PMG). Interested party present: Drew Rich and Austin James.

Regulator		User		Manufacturer		SDO/Test Lab	
<input checked="" type="checkbox"/>	Carlos Hernandez	<input checked="" type="checkbox"/>	Esber Andiroglu PhD, PE	<input checked="" type="checkbox"/>	Bob Carpenter	<input checked="" type="checkbox"/>	Derek DeLand
<input checked="" type="checkbox"/>	Shaun May	<input checked="" type="checkbox"/>	Tunzyaan Griffin	<input checked="" type="checkbox"/>	Jonathan Kaiser		
<input checked="" type="checkbox"/>	Thomas Roberts	<input checked="" type="checkbox"/>	Philip Parisi Jr. PE	<input checked="" type="checkbox"/>	Jeffrey Lexvold		
				<input type="checkbox"/>	Ray Kennedy		

3. Membership and Quorum – Mata announced that Dr. Albert (Bob) Rubing has been approved as a member of the committee replacing Mohammed Aldablan who withdrew prior to the first committee meeting. Mata indicated the threshold of 6 for quorum has been met.
4. Approval of meeting minutes from April 12, 2023 – Moved by Derek DeLand and seconded by Bob Carpenter.
5. Approval of meeting agenda – Moved by Esber Andiroglu and seconded by Derek DeLand.
6. Review of action items –
 - a. Schedule future meetings (Mata) – Completed
 - b. Upload University of Miami presentation on ICC 825 webpage (Mata) – Completed
 - c. Provide Teams guidance for committee members’ access to private folders - Ongoing
7. Discussion of Title Purpose and Scope –
 - a. Hernandez: Private onsite systems are not centralized. Disposal is part of the treatment process.
 - b. Anderson: The committee needs to define ‘private sewage system’.
 - c. Griffin: Should we consider using the EPA definition for ‘wastewater’?
 - d. Andiroglu: Treatment should cover water reuse.

- e. Roberts: These questions will be answered when we get to definition portion of the standard.
- f. Mata: Suggest using industry accepted definitions as a starting point.
- g. Andiroglu: We need to define the term 'onsite'
- h. Parisi: Onsite systems are typically for commercial properties not 1 & 2 family residences. Construction sites are temporary and truly jurisdictional.
 - i. DeLand: OWTS can be multi-family and owned by an HOA.
 - ii. Sigler: The original intent is to include residential, 1-2 family systems.
 - iii. Anderson: Agree with Parisi that temporary OWTS should not be included in the scope of 825.
 - iv. Parisi: Supports including single family OWTS if that is the committee's decision.
 - v. Griffin: Single family OWTS design could be very variable.
 - vi. May: 825 needs to cover the lowest common denominator perhaps including permitting, inspection requirements, etc.
- i. DeLand: Is there a concern if we leave 'reuse' in the purpose?
 - i. Sigler: Yes, I believe 'reuse' is included in the treatment.
- j. Roberts: How is a 'Private' system defined?
 - i. Parisi: Anything that is not considered public.
 - ii. Anderson: 'Private' and 'Public' systems need to be defined in 825.
 - iii. May: Agree with Anderson.
- k. DeLand: Suggest deleting 'Private' in the title, purpose, and scope.
- l. Griffin: Delete 'controlling' in scope.
- m. May: Delete 'enforcement'.
 - i. Roberts: Agree with May and also delete 'For those involved in'.
 - ii. Griffin: 'Enforcement' should remain.
 - iii. May: Leave 'enforcement' in for now.
- n. Kaiser: Resiliency should not be limited to climate change aspects.
 - i. Griffin: Delete 'climate change' because it's controversial.
- o. May: Need to work on defining OWTS.
 - i. DeLand: suggest using lawinsider.com as a resource. The definition below combines some of the elements found on the site along with the existing ICC definition that Sigler provided:
 1. *Any combination of pipes, tanks, devices, structures, or other components used for the on-site collection and treatment of wastewater and subsequent subsurface dispersal or reuse. This includes, but is not limited to, systems with a septic tank and soil absorption field, alternative or proprietary wastewater treatment systems, and holding tanks. OWTS includes those serving residential and commercial facilities but excludes industrial waste treatment. OWTS may serve one or more structures, including those owned by special purpose districts.*
 - ii. Griffin: Definition looks good but are we limiting ourselves to subsurface?
 - iii. Kaiser: Agree with Griffin.
 - iv. Anderson: Suggest harmonizing the term for 'disposal' used in the Purpose.
 1. DeLand: Agree with Anderson.

- p. Roberts: Australia code does not specify building types but rather a minimum level of treatment regardless of building type.
 - i. May: 825 should have a minimum treatment levels.
 - ii. Griffin: States have different definition of commercial and industrial systems
 - iii. May: Delete 'OWTS includes those serving residential and commercial facilities but excludes industrial waste treatment.' In draft definition of OWTS.
- q. May: Pre-treatment is considered alternative design.
- r. Anderson: Suggest coordinating efforts with Water Reuse Working Group.
 - i. Mata: Will work with Anderson to provide updates to 825 committee.
 - ii. Anderson: I will act as liaison along with Water Reuse WG Chair, Kevin McKosker.
- s. The following draft is the result of the committee discussion:

Title: *ICC 825 Standard for Onsite Wastewater Treatment Systems*

Scope: *This standard establishes minimum requirements to provide a reasonable level of safety health, property protection and general welfare by regulating the design, construction, installation, quality of materials, location, operation, and maintenance or use of onsite wastewater treatment systems (OWTS).*

Purpose: *The intent of this standard is to provide minimum requirements for those involved in the design, construction, installation, enforcement, operation, and maintenance of OWTS, while improving the efficacy of OWTS through innovative technologies and strategies for the treatment and disposal or reuse of wastewater that are resilient to factors that negatively impact the performance of OWTS.*
- 8. Naming Convention and Terminology – Committee will begin with drafting definitions for key terms.
 - a. OWTS
 - b. Wastewater
 - c. Private and Public Systems
 - d. Temporary Systems
 - e. Soil Absorption Fields, Leach Fields, etc.
- 9. New Business – Action Items
 - a. Establish liaison with Water Reuse Working Group – Anderson/Mata
 - b. Setup meeting for Definitions Group – Mata
 - c. Provide key terms to define – Committee
 - d. Provide update on connectivity to MS Teams folders – Committee
- 10. Old Business – None
- 11. Next meeting – June 6, 2023 at 1pm – 5pm CDT (2pm – 6pm EDT)
- 12. Meeting adjourned at 4:26pm EDT.