

# Solid Waste Transfer Facility Rulemaking

First Stakeholder Meeting

August 22, 2024



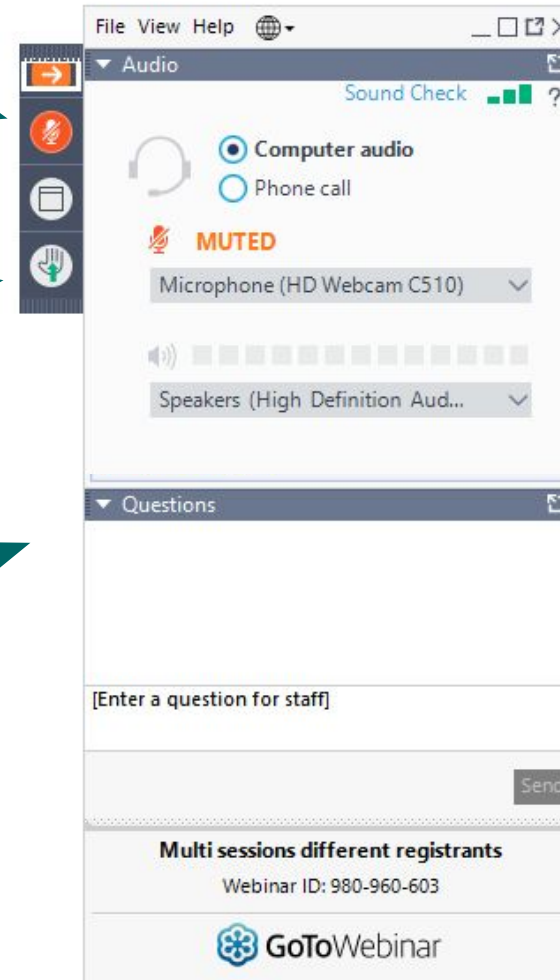
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**WELCOME!**

<b>Executive Sponsor:</b>	Julie Riemenschneider, Director, Waste Programs Division
<b>Section Manager:</b>	Samantha Roberts, R.G., Solid & Hazardous Waste Section
<b>Unit Manager:</b>	Brandi Hall, JD MA, Solid Waste Unit
<b>Project Manager:</b>	Melanie Rodriguez, Solid Waste Unit
<b>Rule Writer:</b>	Matt Rippentrop, Waste Programs Division
<b>Technical Support:</b>	Will Puntteney, Principal Environmental Engineer Robin Thomas, P.E. Senior Engineer Terry Baer, Senior Scientist

# Agenda

- Statutory Requirement For Transfer Facility Rules
- Impacted Solid Waste Facility Types
- Elements Of The Rule
- What Transfer Facilities Will Need To Do
- Rulemaking Timeline



# Requirement for Transfer Facility Rules

## A.R.S. § 49-761(A)

- ADEQ shall adopt rules for storage, processing, treatment, and disposal of solid waste

## A.R.S. § 49-761(G)

- ADEQ shall adopt rules for facilities subject to self-certification (see 49-762.05)

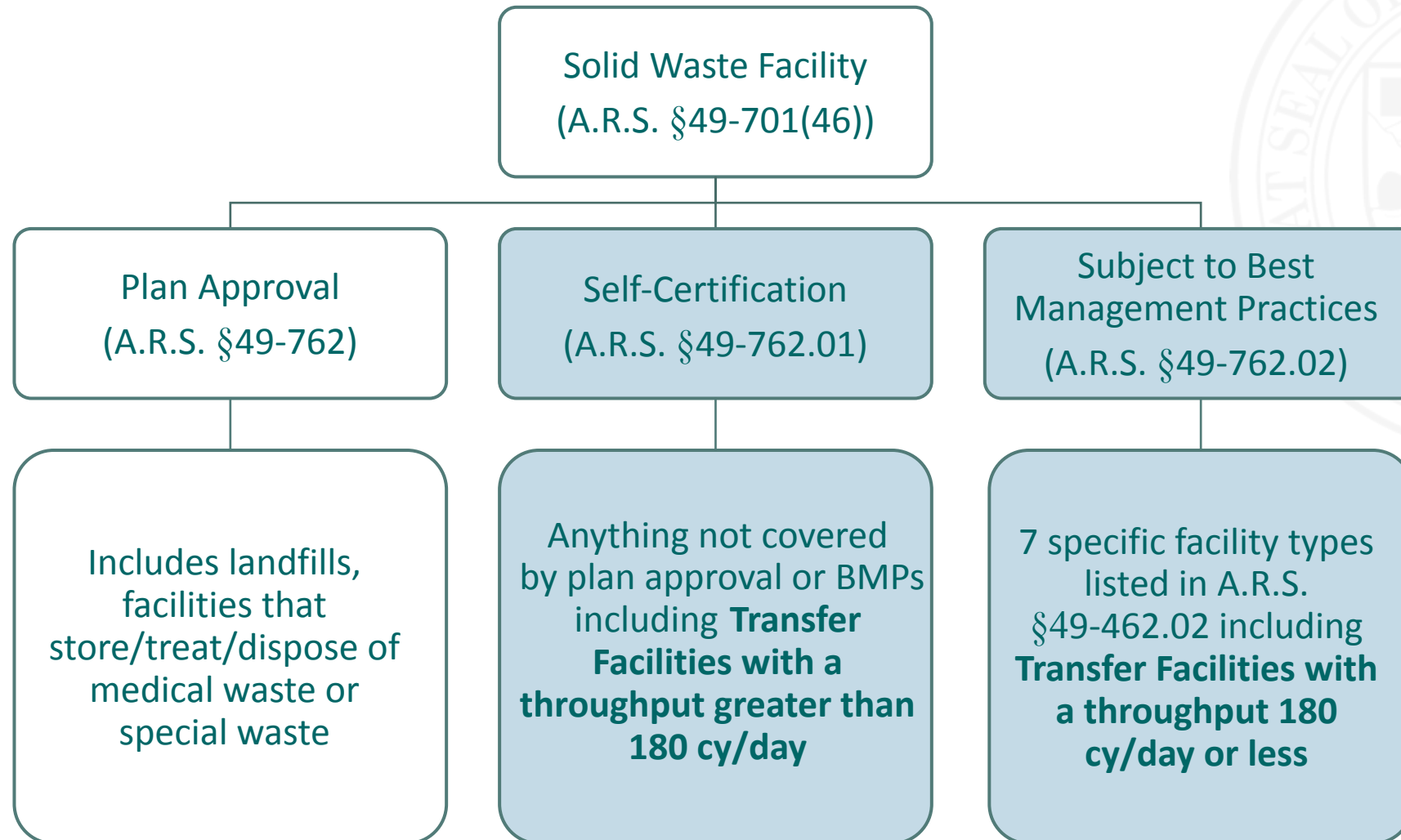
## A.R.S. § 49-761(H)

- ADEQ shall adopt rules for facilities subject to Best Management Practices (see 49-762.02)

## A.R.S. § 49-761(J)

- ADEQ shall adopt rules for financial assurance requirements for facility closure, post-closures, and corrective action (see 49-770)

# Solid Waste Facilities in Arizona



# Elements of the Rule

Design

Operation

Final  
Closure

Financial  
Assurance

Registration



## Existing Control Requirements in Statute

- Wind dispersion
- Discharge of hazardous wastes
- Vector breeding
- Fire hazards
- Public access to medical and special wastes

## Additional Control Requirements

- Unauthorized dumping
- Dust and track-out
- Manage stormwater run-on and run-off
- Post signage including facility name, address, prohibited wastes

## Managing Solid Wastes

- Waste handled on impervious surface or in containers
- Facilities which utilize a tipping floor shall provide for collection and lawful disposal of any leachate and washdown water

## Managing Bulk or Containerized Liquids

- Containers and Tanks used to handle liquids should be watertight, leak-proof, and constructed of materials compatible with the waste being stored
- Areas used to load or unload liquids should be designed to contain spills and accidental releases



## Operate Within Designed Capacity

- Maximum volume or tonnage the facility has or will ever hold

## Operate Within Designated Waste Handling Areas

- Onsite areas (meeting design requirements) capable of handling waste including during seasonal increases and extenuating circumstances

## Implement Waste Screening Program

- Use reasonable measures to screen incoming material to prevent acceptance of unauthorized wastes

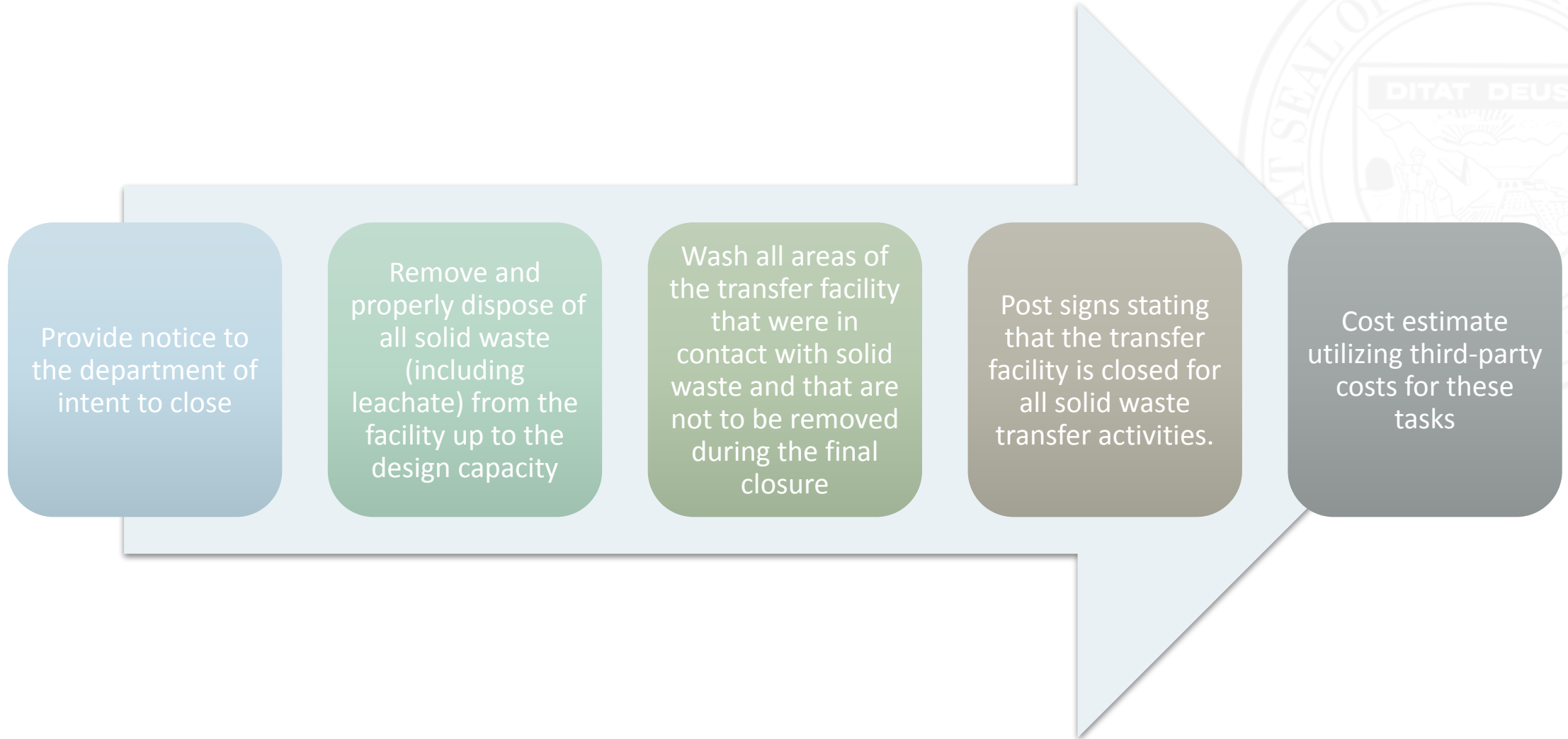
## Provide Annual Employee Training

- Waste Identification
- Emergency Response
- Spill Containment

## Facilities Managing Bulk/Containerized Liquids must:

- Use reasonable methods to determine compatibility of outgoing waste
- Label containers and tanks used to handle waste with description of contents

# Final Closure Plan and Financial Assurance



# Financial Assurance

- Facilities shall submit the latest demonstration of financial responsibility for each facility within 180 days of the rule becoming effective or before operation of new facilities
- The FA demonstration shall be updated and submitted every 3 years and as necessary whenever closure plans are amended or corrective action costs are changed

Closure Cost Estimate		
Closure Element	Total Cost	Notes
Total Waste Removal Cost (including stockpiles, drums, other):	\$ _____	Specify Loading / Hauling and Disposal Rate (\$/ton) or (\$/cy): \$ _____
Total Leachate / Wash Water / Residue Removal Cost:	\$ _____	Specify Loading / Hauling and Disposal Rate (\$/ton) or (\$/gal): \$ _____
Total Decontamination Cost:	\$ _____	
Total Project Management/Oversight:	\$ _____	
Total Other:	\$ _____	Specify:
<b>Total:</b>	<b>\$ _____</b>	

*Example Closure Cost Calculation*

# Acceptable Mechanisms For Financial Assurance

## Financial Assurance mechanisms under A.R.S. § 49-761(J)

Surety Bond

Certificate of  
Deposit

Trust Fund

Letter of  
Credit

Insurance  
Policy

Certificate of  
Self-Insurance

Deposit with  
State  
Treasurer

Guarantees  
and Financial  
Tests

Other as  
Approved by  
the Director

## Initial Registration for BMP Facility

- Contact Information
- Address and location information
- A brief description of operations including maximum waste capacity and program for screening unauthorized wastes
- A map or diagram of the property showing its approximate size and denoting all areas designated for waste handling

## Additional Information for Self-Cert Facility

- Documentation that the facility will comply with local zoning laws
- Documentation that the facility has any other environmental permit that is required by statute.
- A copy of the public notice in a newspaper stating the intent to construct and operate a new solid waste facility

## Modifications or Additions

- Update registration when existing facilities undergoing substantial changes to design or operation

# What will transfer facilities need to do?

## Within 180 days of the rule becoming effective or before operation of new facilities

### Existing previously registered facilities:

- Implement any necessary changes to design and operation
- Re-submit a registration showing how you comply with the rules including any new required information
- Develop and submit your closure plan and FA

### Existing unregistered facilities:

- Submit a registration showing how you comply with new rules
- Develop and submit your closure plan and FA

### New planned facilities:

- Submit a registration showing how you comply with new rules prior to construction
- Develop and submit your closure plan and FA before operations begin
- Pay new facility fee

Please reach out to the department if you need assistance determining what facilities are currently registered under your organization

# Transfer Facility Rule Timeline

**Final Rule and Governor's  
Regulatory Review Council  
(GRRC) Approval**

1st Qtr 2025

**Rule Effective**

2nd Qtr 2025

**Stakeholder Meeting**

Sep/Oct 2024

**Notice of Proposed  
Rulemaking (NPRM)**

4th Qtr 2024

**Today's Stakeholder Meeting**  
8/22/2024

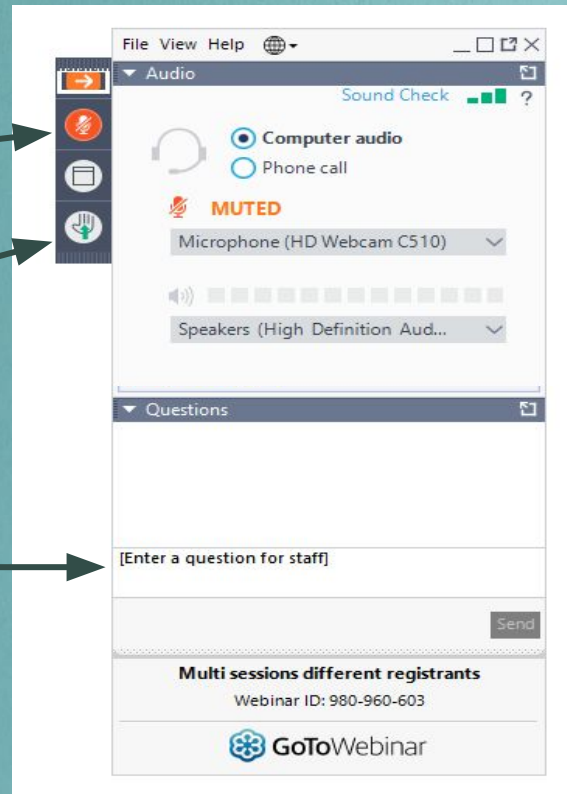


# Questions?

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# How to Contact Us

Please submit comments  
through our comment portal:



[bit.ly/TransferFacility\\_Comments](https://bit.ly/TransferFacility_Comments)

For questions & general information  
please email us at:

[wasterulemaking@azdeq.gov](mailto:wasterulemaking@azdeq.gov)



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