

# Are You Ready for Solid Waste Reporting?

November 14, 2023



Clean Air, Safe Water,  
Healthy Land for Everyone



# Presentation Road Map

- Introduction
- Reporting Facilities
- Reports
  - What's expected
  - Time frames
  - Due Dates
  - Where to find forms
- Conclusion & Questions





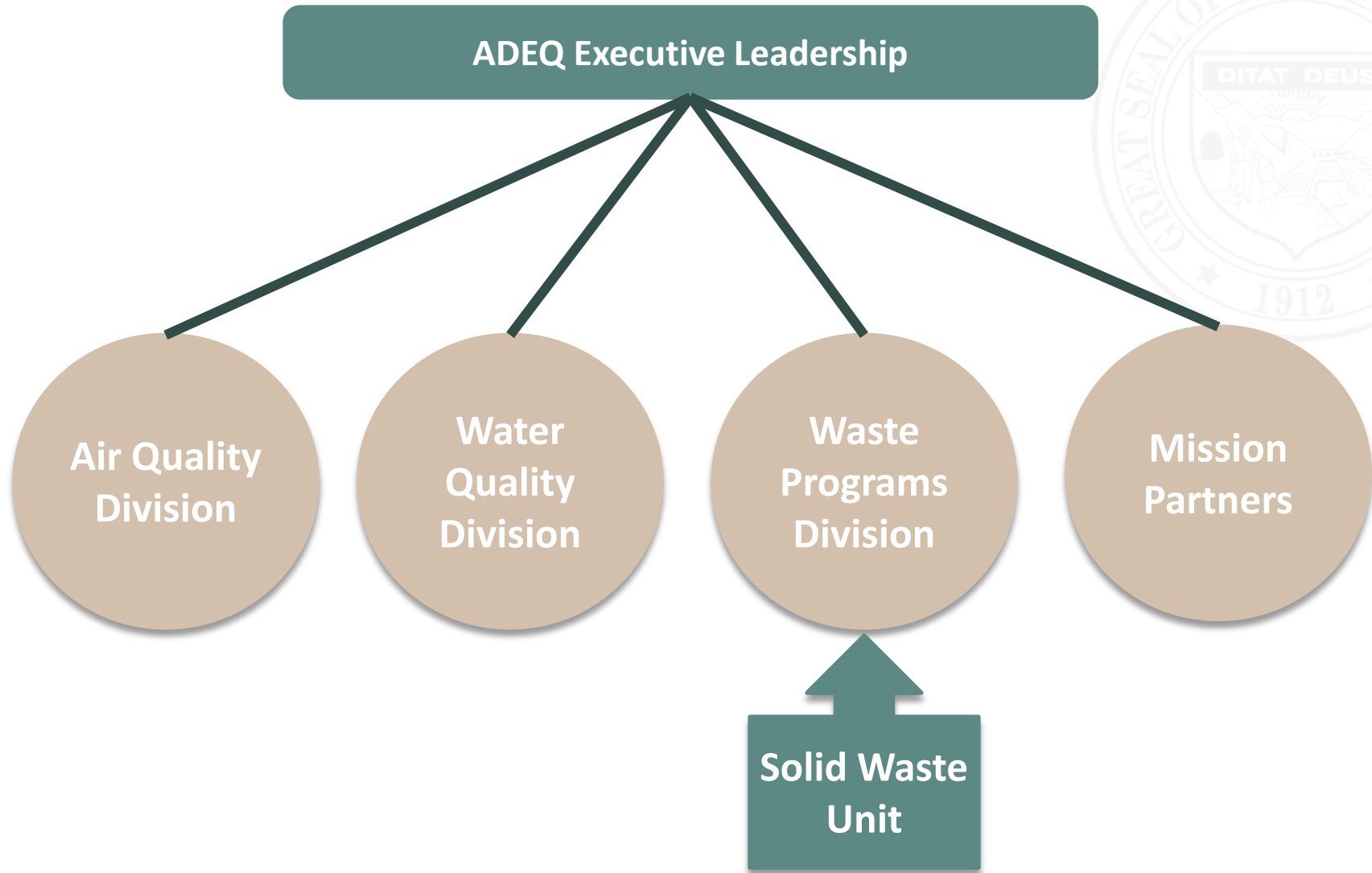
**Karen Peters**

Cabinet Executive Officer  
Executive Deputy Director

## ADEQ Mission

**To protect and enhance public health and the environment in Arizona.**

- Through consistent, science-based environmental regulation; and clear, equitable engagement and communication;
- With integrity, respect, and the highest standards of effectiveness and efficiency;
- Because Arizonans treasure the unique environment of our state and its essential role in sustaining well-being and economic vitality, today and for future generations.



## Who are we?

- Permitting and corrective action for solid waste facilities
- Performing inspections
- Providing compliance assistance
- Advocating for solid waste reduction, reuse, and recycling







Are You Ready for Solid Waste Reporting?

# REPORTING FACILITIES

## Which Facilities Require Solid Waste Reporting?





Are You Ready for Solid Waste Reporting?

# LANDFILLS



## What Reports Do Municipal and Non-Municipal Solid Waste Landfills Submit?

- Ground Water Monitoring
- Methane/Landfill Gas Monitoring
- Liquid Solidification Load Sampling
- Liquid Solidification Performance Monitoring or Confirmation Sampling
- Landfill Registration
- Landfill Tonnage reports
- Financial Assurance
- Special Waste tonnage and annual reports



## Ground Water Monitoring

(40 CFR § 258.50 through .55)

- Sampling is conducted as prescribed by the facility plan or permit
- Results are reported to the Solid Waste Unit after each sampling event
- There is no standardized form for this reporting.
- Reports should be submitted electronically to the Solid Waste Unit at [solidwastepermits@azdeq.gov](mailto:solidwastepermits@azdeq.gov)



- Groundwater Monitoring Reports must include the following:
  - A letter demonstrating review of data, discussion of results, recommendations of future actions
  - A map of the facility with wells identified
  - Summary table of detections, if any
  - Statistical calculations/graphs, if any
  - PDF copy of lab reports
  - EDD (electronic data deliverable) from lab in .txt format compatible with Sanitas™, as an attachment
  - Groundwater flow maps, annually, for each sampling event

## Methane Monitoring

(40 CFR § 258.23)

- Sampling is conducted
  - At least quarterly
  - As prescribed by the facility plan or permit
- Results are reported to the Solid Waste Unit
- There is no standardized form for this reporting
- Reports should be submitted electronically to the Solid Waste Unit at [solidwastepermits@azdeq.gov](mailto:solidwastepermits@azdeq.gov)



- Methane (Landfill Gas) Monitoring Reports must include the following:
  - A report that details relevant sampling information, discussion of results, any recommendations of future actions
  - A table summarizing the data
  - A map of the facility identifying gas probes, waste boundary, property boundary
  - PDF copy of lab reports

**Table 1.0**  
**Summary of February 3, 2023 Landfill Gas Monitoring**  
**and Cumulative Methane Readings**  
**for the Regional Landfill**

Regional Landfill Gas Monitor Points		February 3, 2023 Readings						Cumulative Readings <sup>1</sup>	
Well Number	Screened Interval	% CH <sub>4</sub>	% of CH <sub>4</sub> LEL	% CO <sub>2</sub>	% O <sub>2</sub>	% Balance Gases	Barometric Pressure	Average % of LEL	Range for % of LEL
MMW-1U	4.5-14.5 ft	0	0	0.5	20	79.5	27.2	0.3	0 - 12
MMW-1M	19-29 ft	0	0	0.7	20	79.3	27.22	0.3	0 - 12
MMW-1L	34.5-42 ft	0	0	0.7	20	79.3	27.21	0.3	0 - 10
MW-2rU	4.5-14.5 ft	0	0	0.1	21.4	78.5	27.2	25.9	0 - 100
MW-2rM	19-29 ft	0	0	0.1	21.4	78.5	27.2	62.8	0 - 100
MW-2rL	34.5-42 ft	0	0	0.2	21.3	78.5	27.2	63.7	0 - 100
MMW-3U	4.5-14.5 ft	0	0	0.3	20.5	79.2	27.27	0.2	0 - 8
MMW-3M	19-29 ft	0	0	0.3	20.5	79.2	27.26	0.3	0 - 6
MMW-3L	34.5-42 ft	0	0	0.4	20.5	79.1	27.26	0.3	0 - 10
MMW-4U	4.5-14.5 ft	0	0	0.8	19.7	79.5	27.26	0.3	0 - 4
MMW-4M	19-29 ft	0	0	1.3	19	79.7	27.23	0.5	0 - 24
MMW-4L	34.5-42 ft	0	0	1.9	18.3	79.8	27.24	0.6	0 - 26
MW-5rU	4.5-14.5 ft	0	0	0.2	20.7	79.1	27.19	5.9	0 - 100
MW-5rM	19-29 ft	0	0	0.4	20.8	78.8	27.2	22.4	0 - 100
MW-5rL	34.5-42 ft	1	20	19.3	0	79.7	27.18	32.7	0 - 100

## Liquid Solidification Load Sampling

(Facility Specific)

- Sampling is Conducted
  - Monthly
- Results are reported to the Solid Waste Unit
  - Within 30 days of the end of each month for the previous month's sampling data.
- There is no standardized form for this reporting
- Reports are submitted electronically to the Solid Waste Unit at [solidwastepermits@azdeq.gov](mailto:solidwastepermits@azdeq.gov).

## Liquid Solidification Performance Monitoring/Confirmation Sampling

(Facility Specific)

- Sampling is Conducted
  - Semiannually (spring and fall)
- Reports are submitted to the Solid Waste Unit
  - Semiannually
  - Within 60 days after the completion of field work for each sampling event
- There is no standardized form for this reporting
- Reports are submitted electronically to the Solid Waste Unit at [solidwastepermits@azdeq.gov](mailto:solidwastepermits@azdeq.gov)



## Landfill Registration

(ARS § 49-747, AAC R18-13-2101 thru 2103)

- Landfills must register annually
- Annual fees apply
- The invoice will be mailed to the facility and will specify due date
- Registration forms are submitted electronically to the Solid Waste Unit at [solidwastepermits@azdeq.gov](mailto:solidwastepermits@azdeq.gov)



## Landfill Tonnage Report

(AAC R18-13-2102(B))

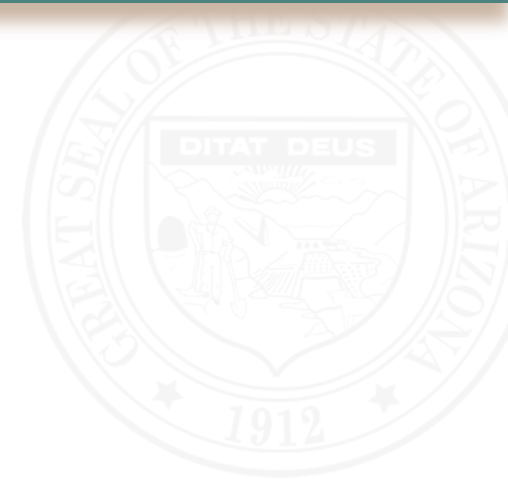
- Landfills must report tonnage to the Solid Waste Unit
  - Reported Quarterly
  - Fees apply
- The form will be emailed to the facility and will specify due date
- Reports are submitted electronically to the Solid Waste Unit at  
[solidwastepermits@azdeq.gov](mailto:solidwastepermits@azdeq.gov)



## Landfill Financial Assurance

(ARS § 49-770, ARS § 49-243(N), AAC R18-9-A203, 40 CFR 258 Subpart G)

- Landfills must provide financial assurance documents to the Solid Waste Unit
  - MSWLF required annually
  - Non-MSWLF required as scheduled in permit
  - Fees apply
- There is no standardized form for this reporting
- Financial Assurance documents can be emailed to the Solid Waste Unit at [solidwastepermits@azdeq.gov](mailto:solidwastepermits@azdeq.gov)



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# **SPECIAL WASTE FACILITIES**



## What Reports Do Special Waste Facilities Submit?

- Special Waste Generator Report
- Special Waste Shipper/Transporter Report
- Special Waste Receiving Facility Report
  - Special Waste Tonnage Reports



## Special Waste Tonnage Reports

(AAC R18-13-2102(B))

- Special Waste Receiving Facilities must report tonnage to the Solid Waste Unit
  - Reported Quarterly
  - Fees apply
- The form will be emailed to the facility and will specify due date
- Reports are submitted electronically to the Solid Waste Unit at [solidwastepermits@azdeq.gov](mailto:solidwastepermits@azdeq.gov)

## Special Waste Generator, Shipper/Transporter, and Receiving Facility Reports

(ARS § 49-860 (A through C))

- Each Special Waste Generator, Shipper/Transporter, and Receiving Facility is required to submit an annual report  
Reports are due March 1<sup>st</sup> for data from the previous year
- Report Forms can be found at:  
<https://azdeq.gov/special-waste-forms>
- Reports are submitted electronically to the Solid Waste Unit at [solidwastepermits@azdeq.gov](mailto:solidwastepermits@azdeq.gov)



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# SELF-CERTIFICATION FACILITIES

## What Facilities Require Self-Certification?

- A waste tire facility storing 5,000 or more waste tires on any one day and not required to obtain plan approval
- Waste tire shredding and processing facility
- Solid Waste Transfer facilities with a daily throughput of more than 180 cubic yards



## Registration (AAC R18-13-501(C))

- Self-Certification Facilities must register annually
  - Initial and annual renewal fees apply
- The form can be found at:  
[https://static.azdeq.gov/forms/swf\\_self\\_cert\\_inst.pdf](https://static.azdeq.gov/forms/swf_self_cert_inst.pdf)
- Registration forms can be emailed to the Solid Waste Unit at  
[solidwastepermits@azdeq.gov](mailto:solidwastepermits@azdeq.gov)

**ADEQ**  
Arizona Department  
of Environmental Quality

**REGISTRATION FORM FOR SOLID  
WASTE FACILITIES REQUIRING  
SELF-CERTIFICATION**

**GENERAL INFORMATION**  
Indicate which type of facility you are registering:

☐ A facility storing 5,000 or more waste tires on any one day and not required to obtain plan approval  
☐ Waste tire shredding and processing facility  
☐ Solid waste transfer facility

**1. Applicant<sup>1</sup>**  
Identify who is requesting this registration. Provide the name and title of the highest-ranking local official responsible for day-to-day operation and compliance. Include the name of the company as it should appear on the registration, and its mailing and street address. Include one phone number for the identified company official (a) and a business phone number for the company (b).

☐ Owner    ☐ Operator    ☐ Owner and Operator    ☐ Other: \_\_\_\_\_

Name and Title \_\_\_\_\_  
Company \_\_\_\_\_  
Street Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
Mailing Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
Telephone Numbers: (a) \_\_\_\_\_ (b) \_\_\_\_\_  
Email \_\_\_\_\_  
Non-government entities – registered to conduct business in Arizona? ☐ Yes ☐ No

**2. Contact Information for the Facility Owner<sup>1</sup>**  
Identify who owns this facility. This may be the official identified above, or another individual.  
☐ Check this box if the contact information for the facility owner is the same as in item 1, above.

Contact Name \_\_\_\_\_  
Company Name \_\_\_\_\_  
Mailing Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
Telephone \_\_\_\_\_ Fax \_\_\_\_\_  
Email \_\_\_\_\_

**3. Contact Information for Landowner(s)<sup>1</sup>**  
☐ Check this box if the contact information for the Landowner is the same as in item 1 or 2, above.  
☐ Check this box if there are additional owners that are not listed below. Provide contact information for each additional owner as an attachment to this registration form.

Contact Name \_\_\_\_\_  
Company Name \_\_\_\_\_  
Mailing Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
Telephone \_\_\_\_\_ Fax \_\_\_\_\_  
Email \_\_\_\_\_

<sup>1</sup> A.A.C. R18-13-501(B)(2) or (C)(2)  
P&FRU (REVISED JUNE 2015) 1110 WEST WASHINGTON STREET, PHOENIX, AZ 85007  
www.azdeq.gov

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# COUNTY, WASTE TIRE, AND MINING TIRE FACILITIES

## What Reports Do Tire Facilities Submit?

- County waste tire program management report
- County waste tire collection report
- Mining tire burial report



## County Waste Tire Program Management Plan

(ARS § 44-1305(C))

- Each County is required to submit an Annual Tire Management Plan
- Tire Management Plans are due by September 1<sup>st</sup> of each year for review and approval
- Google Forms and ShareFile information is sent via email
- Plan documents are submitted electronically through a ShareFile



## County Waste Tire Collection Site Report

(ARS § 44-1306)

- Each County is required to submit a summary for each waste tire collection site
- Reports are due by September 30th of each year to the Solid Waste Unit
- The county will receive an email link in August with submittal instructions





## Mining Tire Burial Cell Report

(AAC R18-13-1202 through 1205)

- The operator of the mining facility is required to submit an annual report for each burial cell
- Tire Burial Cell Reports are due by March 30th of each year, until a burial cell closure certification is filed with the Solid Waste Unit
- There is no standardized form for this reporting
- Reports are submitted electronically to the Solid Waste Unit at [solidwastepermits@azdeq.gov](mailto:solidwastepermits@azdeq.gov)





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# USED OIL FACILITIES

## What Reports Do Used Oil Facilities Submit?

- Used Oil Burner Report
- Used Oil Fuel Marketer Report
- Used Oil Processor/Re-refiner Report
- Used Oil Transporter Report

**ADEQ**  
Arizona Department  
of Environmental Quality

**USED OIL TRANSPORTER  
QUARTERLY REPORT**

Reporting Year: \_\_\_\_\_ Quarter: \_\_\_\_\_  
Note: A separate report shall be submitted for each used oil transporter.  
If your company has not received or shipped any used oil for this quarter, please enter zero in each box.

**Part I: Facility Information**  
Facility Name \_\_\_\_\_  
Facility Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
Telephone \_\_\_\_\_  
EPA ID# \_\_\_\_\_

**Part II: Company Mailing Address (if different from above)**  
Company Name \_\_\_\_\_  
Mailing Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
Telephone \_\_\_\_\_

**Part III: Used oil received by this company/facility**  
A. Receipts from generators: Record the cumulative total gallons of used oil collected/received from all used oil generators (i.e., sites or facilities where used oil is collected or produced, such as oil centers, automotive service facilities, and other maintenance facilities), according to the following criteria:  
1. Gallons collected from Arizona generators \_\_\_\_\_ Gallons  
2. Gallons collected from non-Arizona generators transported into Arizona \_\_\_\_\_ Gallons  
B. Receipts from non-generators: Record the cumulative total gallons of used oil collected/received from non-generators of used oil (e.g., transporters, transfer facilities, etc.), according to the following criteria:  
Gallons collected from Arizona non-generators \_\_\_\_\_ Gallons  
Gallons collected from non-Arizona non-generators transported into Arizona \_\_\_\_\_ Gallons

**Part IV: Used oil shipped from this company/facility to other facilities**  
Record the cumulative total gallons of used oil transported from this company/facility to all other facilities (e.g., processors, off-specification burners, transporters, etc.) by all transporters, according to the following criteria:  
1. Gallons transported by this company \_\_\_\_\_ Gallons  
2. Gallons transported by other companies \_\_\_\_\_ Gallons

**Part V: Signature**  
Name of Person Reporting: \_\_\_\_\_ Title \_\_\_\_\_  
Telephone \_\_\_\_\_  
Signature \_\_\_\_\_ Date \_\_\_\_\_

SWU (Revised MAY 2018) 1110 WEST WASHINGTON STREET, PHOENIX, AZ 85007  
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## Used Oil Burner Report

(ARS § 49-802(C)(4))

- Each Used Oil Burner is required to submit an annual report
- Burner Reports are due by February 1<sup>st</sup> of each year containing data from the previous year
- Report Forms can be found at:  
[https://static.azdeq.gov/forms/used\\_oil\\_burner\\_rpt.pdf](https://static.azdeq.gov/forms/used_oil_burner_rpt.pdf)
- Reports are submitted electronically to the Solid Waste Unit at [solidwastepermits@azdeq.gov](mailto:solidwastepermits@azdeq.gov)

## Used Oil Fuel Marketer, Processor/Re-Refiner, and Transporter Reports

(ARS § 49-802(C)(3))

- Each Used Oil Fuel Marketer, Processor/Re-Refiner, and Transporter is required to submit a quarterly report
- Reports are due no later than 30 days after the end of the quarter
- Report Forms can be found at:  
<https://azdeq.gov/used-oil-forms>
- Reports are submitted electronically to the Solid Waste Unit at [solidwastepermits@azdeq.gov](mailto:solidwastepermits@azdeq.gov)



# Solid Waste Unit Team



**Brandi Hall**  
Unit Manager



**Jordan Martin Adams**  
Hydrogeologist



**Tony Stone**  
Inspector



**Autumn Poe**  
Inspector



**Nick Jacobs**  
Inspector



**Monique Russell**  
Inspector



**Masoud Arjmandi**  
Permit Engineer



**Annissa Lopez**  
Permit Engineer

**Jennifer Nopales**  
Inspector

**Marina Meza**  
Permit Engineer

**Kathleen Maltby**  
Case Manager

**Melanie Rodriguez**  
Case Manager

# Questions?

## Solid Waste General Email Inboxes

Solid Waste  
Permits

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

Solid Waste  
Inspections

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

Solid Waste  
Compliance

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