

# WAVES

## Water Application & Verification Enterprise System

(originally “Application Modernization”)

Arizona Department of Water Resources

Project # WC22002

Informational Update #2

February 19, 2025

### ADWR Vision

Reliable water supplies to meet the needs of current and future Arizonans.



### ADWR Mission

To safeguard the health, safety and economic welfare of the public by protecting, conserving and enhancing Arizona's water supplies in a bold, thoughtful and innovative manner.

# Project Team Introduction

## Roles Present at ITAC

- Matt Marshall - Assistant Director Chief Information Officer
- Scott Selin - Chief Financial Officer

# Project Status

## Description of Project

- W.A.V.E.S. replaces mission-critical applications, from 2 - 22 years old. W.A.V.E.S. replaces many of the paper based applications processes. ADWR's end users will see a reduction in application processing time, while staff will be able to prioritize value- added activities like policy development, analysis, compliance, accuracy, and planning.

## Why we are returning

- *What prompted the need for this informational update?*
  - This is ADWR's second informational update, meeting the conditional approval of PIJ WC22002 Change Request CR 1111.

## High Level Project Accomplishments and Issues

- Accomplishments:
  - Sprints 5, 6, 7, and 8 complete
  - Data Migration Workstream
    - Data Mapping is complete for all areas of the project
    - Data Views are complete for all areas of the project
  - UAT Testers and Trainers have been identified
  - Project Status is Green



# Current Overall Project Health: Green

<b>Budget</b>		<ul style="list-style-type: none"><li>• Project budget remains healthy.</li></ul>
<b>Schedule</b>		<ul style="list-style-type: none"><li>• Project schedule is on track to complete May 9th, Go-Live date</li></ul>
<b>Scope</b>		<ul style="list-style-type: none"><li>• Contract allows 15 PDF Templates to be developed, ADWR has a need to increase PDF Templates to 17</li></ul>
<b>Milestones</b>		<ul style="list-style-type: none"><li>• Completed Payment Milestone 1 - 75% of User stories\ acceptance Criteria for Sprints 3 and 4 were completed and approved.</li><li>• Completed Payment Milestone 2 - 75% of User stories\ acceptance Criteria for Sprints 5 and 6 were completed and approved.</li><li>• Sprints 5, 6, 7, and 8 are complete</li></ul>
<b>Risks</b>		<ul style="list-style-type: none"><li>• Salesforce Spring '25 update (ID:254) introduced a product bug that could potentially affect the schedule. This issue is anticipated to be resolved with a patch in the upcoming weeks.</li></ul>
<b>Issues</b>		<ul style="list-style-type: none"><li>• No present issues at this time.</li></ul>

# Financial Burndown Chart

## Current burndown for Solution

Project Budget: \$11,294,000  
 Expenditure to date: \$6,209,800  
 Budget Remaining: \$5,084,200

Project Start Date: 8/17/2022  
 Est. End Date: 7/4/2025

### SFY 2025

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Baseline Projection	\$ -	\$ 95,000	\$ 1,292,417	\$ 743,500	\$ 180,000	\$ 1,055,600	\$ -	\$ 588,000	\$ 673,000	\$ -	\$ 588,000	\$ 771,500
Actual	\$ -	\$ 95,000	\$ 1,292,417	\$ 923,492	\$ -	\$ 632,263						
Variance (\$)	\$ -	\$ -	\$ -	\$ (179,992)	\$ 180,000	\$ 423,337						
Variance (%)	0.0%	0.0%	0.0%	-24.2%	100.0%	40.1%						

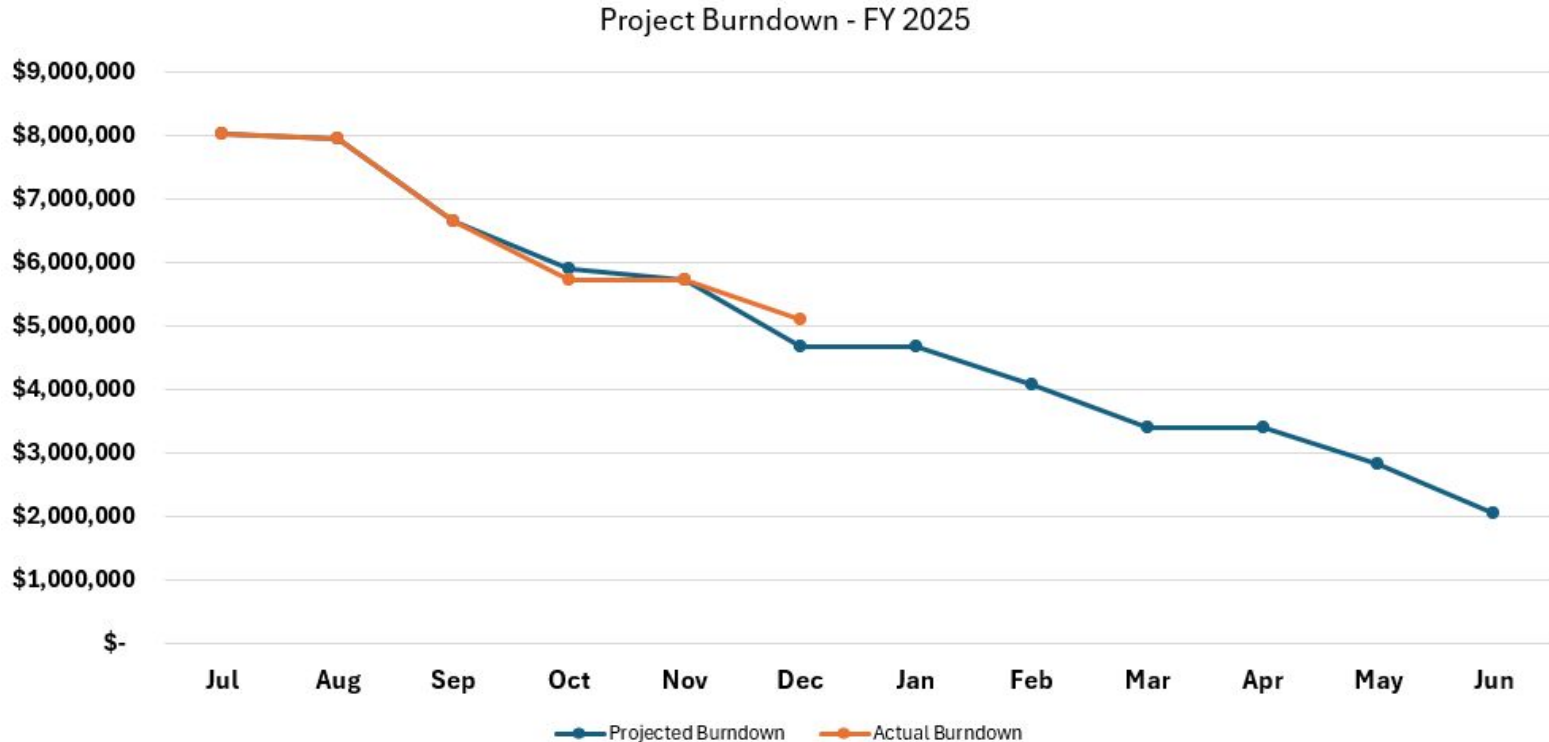
Notes:

*Actuals above current to December 31, 2024*

*December Variance is due to invoice and payment timing.*

# Project Burndown Chart

## Current burndown for Solution





## Latest IV&V Findings Report - 01/2025

- **Focus on UAT Testing** - UAT planning needs a more detailed and robust plan with a set timeline of events. Better-defined test scripts and process flows. Increased focus on UAT need to be put in place.
  - **ADWR Response:** ADWR has created a UAT team bringing in additional resources to focus on test scripts and the process flow.
- **Obtain Early External Feedback** - Actively engage with state government affiliates, including cities and counties, during the development External Stakeholder Plan. Gather and incorporate their feedback early.
  - **ADWR Response:** ADWR Change Management Team is in the process of planning the External Stakeholders communication plan and roll out.
- **Critical Staffing Needs for Additional Business Unit Development** - Staff augmentation is needed to manage the system upgrades prior to any substantial development.
  - **ADWR Response:** ADWR believes that the current team's skillset is sufficient for maintaining and enhancing the developed areas of the system. For the development of new areas, additional upskilling efforts are underway, however our development will be inhibited without additional resources.
- **Focus Critical Resources on High Impact Items** - Prioritize offloading tasks that can be done by others from the Product Owner team's responsibilities.
  - **ADWR Response:** ADWR is working with the Salesforce Team and the Product Owner team to realign the priorities of the project tasks. As the project continues to move closer to completion the Product Owner team responsibilities will become lighter as activities transition from project build to testing and training.

# IV&V Report - Bright Spots

## Latest IV&V Findings Report

- **WAVES Project Team Productivity Remains High** - As of January 16, 2025, the WAVES project is completing tasks according to its implementation timeline.
- **Project Budget Remains Healthy** - Salesforce and ADWR continue to indicate that the project budget is on track.
- **Strong Leadership During Product Owner Absence** - Current Product Owner team has excelled in managing responsibilities during the original Product Owner's absence. ADWR Product Owner team has stepped up, ensuring a smooth transition and maintaining the project momentum.
- **Robust Governance** - Governance of the WAVES project is trending well, with strong executive support and effective communication via newsletter to the wider ADWR community. The relationship with Salesforce remains strong, ensuring that challenges are addressed promptly.