

# CDPHE FY27 IT Capital Request

## Joint Technology Committee

December 17, 2025



**COLORADO**  
Department of Public  
Health & Environment

# Agenda

- Introductions
- FY27 Budget Request: Air Stationary Sources Data Modernization
- FY27 Budget Amendment: Health Facilities IT Modernization



# Presenters

- Erick Scheminske, Chief Operating Officer
- Adam Wozniak, Stationary Sources Product Owner, Air Pollution Control Division



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# Air Pollution Control Division Stationary Sources Data Modernization Update

Adam Wozniak, Stationary Sources Product Owner

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# Project Overview

- The department is undertaking a multi-year project to replace and modernize the manual, paper-based systems used by the Stationary Sources Program.
- This effort will implement a low-code, agile, and scalable cloud-based solution to manage program functions, including permitting, inventory, reporting, inspections, compliance, enforcement, billing, and to improve public access to information.



# FY27 Request

- The department requests \$1.7M for the fourth and final phase of the technology modernization project. This amount represents the unfunded portion of the Phase III request in FY26, which was funded at \$2.0M instead of the requested \$3.7M due to state budget constraints.
- Funding would support priority enhancements and refinements to the systems developed during earlier phases of the project.
- Funding would support the replacement and development of annual emissions reporting solutions.



# Project Update

- 32 minor source permitting processes are complete.
  - Work is complete on 32 minor source permitting processes.
  - This represents 92% of the minor source permitting processes.
  - Permit applications can be submitted, stored, and processed digitally.
  - Integration between the application platform and the document management product is complete.

1. Air Curtain Destructors  
2. Asphalt Paving Materials  
3. Boilers  
4. Compression Diesel Eng  
5. Concrete Batch Plants  
6. Condensate Storage  
7. Crematory Incinerators  
8. Crude Oil Storage

9. Crushers & Screens  
10. Dry Cleaners  
11. Environmental Justice  
12. Fuel Stations  
13. Fugitive Component  
14. General  
15. Grain Elevators  
16. Hydrocarbon Liquid

17. Land Development  
18. Mining Operations  
19. Modeling Determination  
20. Municipal Solid Waste  
21. Natural Gas Venting  
22. Notice of Startup  
23. Print Shops  
24. Produced Water

25. Relocation Notices  
26. Routine Emissions  
27. Spark Ignition  
28. Surface Coating  
29. Well Production  
30. Integrated Payment  
31. Consultant/Company Hierarchy  
32. IR Camera



# Project Update

- Title V major source permit application build is in progress.
  - The Title V system build is 84% complete and is planned to be finalized in spring of 2026.
- Infrared (IR) camera inspection process is complete and in full use.





# Wellhead



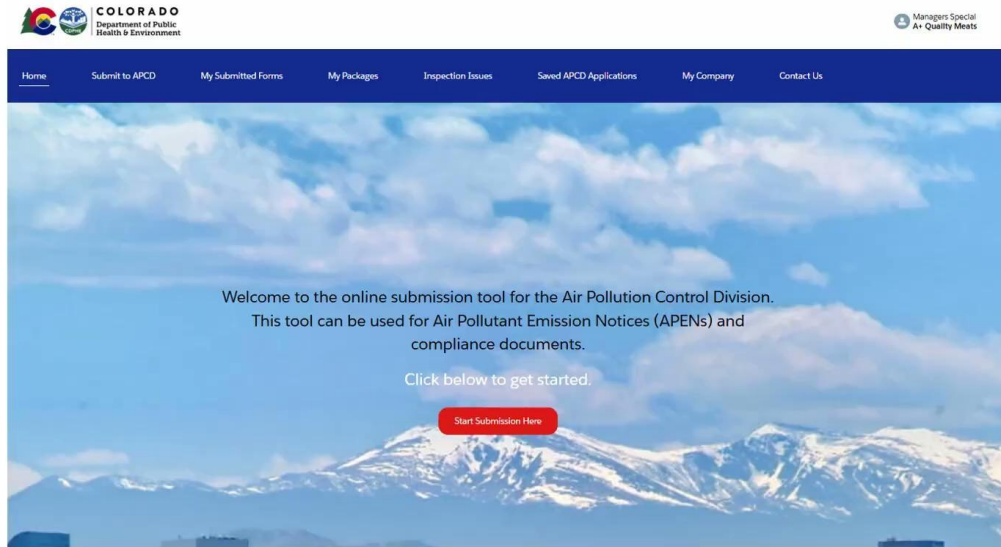
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# IR Camera View



# Demonstration

## Platform Demonstration



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# Project Update

- **Additional Processes Build**
  - The build for three remaining minor source permitting processes is underway. Once complete, the minor source permitting system will fully transition to the new Salesforce system by March 31, 2026.
- **Data Lake Foundational Build**
  - The data pipeline connection between the legacy database and the new storage container is complete.
- **Data Visualization and Citizen Engagement**
  - The air emission visualization tools were enhanced based on feedback received from the public and were launched on the Air Pollution Control Division website.



# Project Update

- Other Stationary Source System Priorities
  - After the permitting system is complete, the project will transition to replacing the inspection and compliance system.
- Oil and Gas Reporting System Replacement
  - The procurement and vendor selection is complete and the contract is being finalized.
- Lead and Asbestos System Replacement
  - The lead and asbestos system is scheduled to be complete in the second half of 2026.



# System Feedback

- "Thank you sooooo much for putting this together. I had few doubts it would be very thorough and include helpful pictures. And, you did not disappoint." (Speaking of guidance materials)
- "That's all I have to do? Wow!"
- "This is all very helpful." (external user feedback)
- "The online system is already easier to use and a 60 day reminder would be great!" (external user feedback)
- "On my side and what I was trained on, it is easy to read and intuitive in what each item represents and how that should be used to update our database." (internal user feedback)
- "Efficiency has increased since implementing Salesforce for the EJ submission process. It is easier to track metrics for the EJ snapshot, monthly notice, and general data tracking." (internal user feedback)
- "The system makes it easy to assign and balance workloads." (internal user feedback)
- "The data report functionality is super helpful!" (internal user feedback)
- "Filtering abilities are useful to pull out specific data points." (internal user feedback)



# Project Accomplishments

- Data Modernization Team created
- Application platform proof of concept complete and successful
- 32 processes developed, tested and placed into production including forms, workflows, and portal
- Integration of the application platform with the document management solution
- Title V foundation constructed
- Initial Title V forms and workflow developed and tested
- Guidance documents and standard operating procedures developed to assist with the online submission tool
- Contracts for continued application platform development drafted and approved
- Cloud environment data warehouse developed and deployed
- Data pipeline complete
- Community feedback collected regarding data access
- Data visualization tool released for public use
- Guidance documents to assist with data visualization tools developed, including a guidance video in Spanish
- Additional inspection, compliance, and enforcement processes underway
- Decommissioning of two legacy databases complete



# FY27 Budget Amendment

- \$2.1 million in cash funds to augment the \$1.5 million in IT capital construction funding approved in FY 2024-25 to develop a new system to license and certify health facilities.
- This project replaces parts of three existing systems:
  - Colorado Health Facilities Interactive (COHFI);
  - ASPEN, an aging system that will no longer be supported by the federal government; and
  - iQIES, the state-only licensing functions that currently reside in the federal system.
- Vendor responses to a department RFI indicate costs will be higher.





# Thank you!



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