REPORT HIGHLIGHTS

Audit of Three Information Technology Systems at the Colorado Department of Public Health and Environment (CDPHE)

IT Performance Audit,1676P, August 2017

Colorado Department Of Public Health And Environment (CDPHE)

Governor's Office of Information Technology (OIT)

AUDIT CONCERN

The Governor's Office of Information Technology (OIT) is the Information Technology Service Provider for the Colorado Department of Public Health and Environment (CDPHE). However, CDPHE continues to perform certain IT related functions for the three departmental information systems that were reviewed during this audit. Security controls implemented for these three systems did not comply with all State policy requirements and need to be remediated to ensure the protection of the confidentiality, integrity, and availability of these systems and the data they maintain.

KEY FACTS AND FINDINGS

- OIT does not perform all IT related functions for CDPHE.
- Three information systems did not comply with multiple Colorado Information Security Policy (CISP) and OIT Cyber Policy requirements, and did not comply with several best practice recommendations.

BACKGROUND

The Colorado Department of Public Health and Environment

- CDPHE's mission is to protect and improve the health of Colorado's people and the quality of its environment. CDPHE has multiple divisions and programs. The audit included a review of three information systems that help support CDPHE's mission.

The Governor's Office of Information Technology

- OIT is the State's centralized Information Technology Service Provider responsible for managing information technology resources and staff for CDPHE.
- OIT hosts and manages CDPHE's three information systems that were under review during the audit.
- OIT is also responsible for maintaining the State's IT Security Program and managing Colorado Information Security Policies and OIT Cyber Policy requirements at executive branch agencies, including CDPHE.

OUR RECOMMENDATIONS

The Governor's Office of Information Technology and the Colorado Department of Public Health and Environment should strengthen controls over information technology governance by evaluating whether additional resources should be allocated by OIT in order to fully manage the three CDPHE departmental information systems and to provide sufficient program level knowledge to manage all IT functions. OIT and CDPHE should ensure information systems comply with CISP and OIT Cyber Policy requirements.

FOR FURTHER INFORMATION ABOUT THIS REPORT,
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