

Virginia DEQ's AI Checklist Assistant for Environmental Permit Reviews

AI in the Public Sector · Good practice · United States of America

Quality score: 40/100

Evidence strength: Descriptive / self-reported

Summary

Virginia's DEQ built an AI tool that checks permit filings against checklists and cites the code section for gaps. Director Rolband reports processing time fell 339 to ~115 days overall, though the AI itself is still a proof-of-concept awaiting production rollout.

Key dimensions

Dimension	Score
Evidence of impact / measured public value	1/3
Transparency, fairness & accountability	1/3
Transferability / demonstrated replication	1/3
Scalability beyond pilot	1/3
Governance, capability & sustainability	2/3

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-08-05

[Virginia Department of Environmental Quality \(DEQ\)](#) — accessed 2026-08-05

[StateTech Magazine — Virginia DEQ Uses AI to Speed Environmental Permit Reviews](#) — accessed 2026-08-05

[ECOS — Virginia Launches Permit Streamlining and Tracking Reforms](#) — accessed 2026-08-05

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