

ITSP Summary Biennium 2026-28

Agency Name: 440 Department of Environmental Quality

Date Generated: 09-10-2025

Agency Mission, Goals and Objectives:

Agency Mission:

The Department of Environmental Quality (DEQ) protects and enhances Virginia's environment, and promotes the health and well-being of the citizens of the Commonwealth.

Agency Goals:

To continue to modernize our systems and increase efficiency and collaborate with stakeholders and the public to solve environmental problems; to address problems proactively; to continue to implement communications and public involvement best practices throughout agency operations.

To implement robust, modern technical solutions to reduce technical debt and maintenance burden and to enhance online services to:

- * Reduce DEQ Administrative Permitting Workload
- * Reduce DEQ Administrative Compliance Workload
- * Make Needed Data Systems and IT Infrastructure Improvements
- * Enhance Transparency and Agency Business Access to All Stakeholders
- * Streamline and Enhance Externally Mandated Data Integrations

Agency Objectives:

Commitment: We are committed to supporting each other and the mission and value of the agency.

Collaboration: We work together and with the community to accomplish our tasks.

Consistency: We apply laws and regulations and provide public services uniformly throughout the Commonwealth.

Customer Service: We evaluate and solve problems professionally, courteously, and responsively with citizens, the regulated community, and our co-workers.

Communication: We exchange information freely.

Certainty: We provide clear, accurate, and timely information and evaluation.

Closure: We follow through to resolve issues effectively and on time.

Current IT State:

In this section, describe the high-level strategy the agency will use to manage existing operational IT investments over the next year to 6 years in support of the strategic objectives of your agency.

Will any of the following areas require additional funding over the next 6 years beyond that currently forecast by your agency? (please check all that apply)

License Renewals, System Enhancements, Security improvements,

Looking ahead over the next 6 years, please list any IT initiatives needed to support the business Mission, Goals, and Objectives of your agency not addressed by application modernization (other than staffing levels and applications detailed elsewhere). These could include disaster recovery, network upgrades, radio communications etc.

IT Initiative 1:

Field capable mobile end user device acquisition

IT Initiative 2:

Network capacity improvements

IT Initiative 3:

AI adoption

IT Initiative 4:

Enterprise content management modernization

External Factors Impacting IT:

In this section, describe changes or mandates from external sources to the agency's current IT investments. These are requirements and mandates from external sources, such as new federal or state legislation, executive orders, regulatory bodies, or legal requirements. The agency must identify the change, any important deadlines that must be met, and the consequences if the deadlines are not met.

Are there any mandate driving changes in your current IT environment? (Yes/No)

No

Future IT Solutions:

This section will discuss how the agency's IT investments and investment strategies support the business strategies over the next 6 years. The agency does not need to discuss specific technologies at this time.

List in priority order, the IT investments (Projects, Procurements, BRTs) for your agency during the next 6 years.

Place your proposed projects and procurements in order of priority for your agency (one being the highest priority).

1. Projects and Procurement Details:

IT Investment:

DEQ Application Modernization BRnT

IT Objective:

Improve

IT Business Value:

IT Support:

BRT related to overall application modernization efforts - not project specific

2. Projects and Procurement Details:

IT Investment:

DEQ - Security Audit & Security Risk Management

IT Objective:

Improve

IT Business Value:

IT Support:

The Department of Environmental Quality currently subscribes to the Commonwealth's Centralized Information Security Service and Centralized IT Audit Service and plans to continue using those services.

3. Projects and Procurement Details:

IT Investment:

DEQ EBiz Upgrade BRnT

IT Objective:

Improve

IT Business Value:

IT Support:

Upgrade the agency's existing Oracle EBS solution in order to modernize, bring into compliance, and to implement additional functionality. This will be done as a service solution as opposed to an on-premise Oracle implementation. Project will include the implementation of ERP, HCM and EPM solutions with key integrations to state mandated and legacy systems for DEQ's Finance, Supply Chain, Human Resources and Budgeting functions.

4. Projects and Procurement Details:

IT Investment:

DEQ Permitting & Inspection/CEDS Replacement BRnT

IT Objective:

Improve

IT Business Value:

IT Support:

Enhance and/or establish online capability for environmental permitting, inspection and payments in order to meet changes in business needs, new regulations, and to increase user efficiency and customer service. Solution will replace large portions of CEDS.

5. Projects and Procurement Details:

IT Investment:

DEQ BRnT Mitigation Trading System

IT Objective:

Innovate

IT Business Value:

IT Support:

DEQ seeks to request proposals from vendors to provide an online mitigation credit trading system to be used by buyers and sellers of those credits. DEQ will not use the system directly, but will inform the vendor hosting the application when mitigation credits become available to the marketplace as part of the permitting process, and will expect to receive reports from the vendor regarding the disposition of the credits as trading activities occur. Note - the trading system will not house nor serve as the system of record for DEQ data.

6. Projects and Procurement Details:

IT Investment:

DEQ Grants Management Applicant BRnT

IT Objective:

Improve

IT Business Value:

IT Support:

Establish an online capability for the grants management process to include award/issuance, recipient/subrecipient monitoring, integration with the DEQ's ERP application and reporting in order to replace paper and manual, Excel-based processes, increase user efficiency and provide enhanced customer service.

7. Projects and Procurement Details:

IT Investment:

DEQ - Vehicle Emissions Inspection Maintenance Program

IT Objective:

Operate

IT Business Value:

IT Support:

This effort will provide Program Coordinator Services for Vehicle Emissions Inspection & Maintenance Program. The RFP solicits a single vendor to provide the following: (1) operating and maintaining a Vehicle Inspection Database (VID) system, (2) supplying and maintaining testing equipment for inspection stations, and (3) providing certain training and evaluation functions for the emissions inspection program (Air Check Virginia).

IT Strategic Plan Budget Tables

Current IT Services				
	Costs Year 1		Costs Year 2	
Category	GF	NGF	GF	NGF
Projected Service Fees	\$3,427,284	\$1,386,223	\$3,530,103	\$1,427,810
VITA Infrastructure Changes				
Estimated VITA Infrastructure	\$3,427,284	\$1,386,223	\$3,530,103	\$1,427,810
Specialized Infrastructure				
Agency IT Staff	\$5,400,000		\$5,600,000	
Non-agency IT Staff	\$100,000			
Cloud Computing Service	\$442,000		\$442,000	
Other Application Costs				
Total:	\$9,369,284	\$1,386,223	\$9,572,103	\$1,427,810

Proposed IT Investments				
	Costs Year 1		Costs Year 2	
Category	GF	NGF	GF	NGF
Major IT Projects:	\$1,550,000		\$1,550,000	
Non-Major IT Projects:				
Agency-Level IT Projects:	\$250,000		\$250,000	
Major Stand Alone IT Procurements:	\$878,841		\$878,841	
Non-Major Stand Alone IT Procurements:				
Agency-Level Stand Alone IT Procurements:	\$775,000		\$775,000	
Procurement Adjustment:				
Total:	\$3,453,841		\$3,453,841	

Projected Total IT Budget				
	Costs Year 1		Costs Year 2	
Category	GF	NGF	GF	NGF
Current IT Services	\$9,369,284	\$1,386,223	\$9,572,103	\$1,427,810
Proposed IT Investments	\$3,453,841		\$3,453,841	
Total	\$12,823,125	\$1,386,223	\$13,025,944	\$1,427,810

Commonwealth Projects >= \$250,000.00

Agency:	440 Department of Environmental Quality (DEQ)		
Date:	10/30/2025		
DEQ Oracle EBS Upgrade Project			
Category 3		Project Initiation Approval	
Project to upgrade the agency's existing Oracle EBS solution in order to modernize, bring into compliance, and to implement additional functionality. This will be done as a service solution as opposed to an on-premise Oracle implementation. Project will include the implementation of Oracle’s ERP, HCM and EPM solutions with key integrations to state mandated and legacy systems for DEQ’s Finance, Supply Chain, Human Resources and Budgeting functions.			
Project Start Date	5/25/2023	Project End Date	5/8/2026
Estimated Costs:	Total	General Fund	Non-General Fund
Project Cost	\$5,146,089	\$4,441,781	
Estimated first year of biennium:	\$0		
Estimated second year of biennium:	\$0		

Project Related Procurements

There are no procurements for this project

DEQ DEQAct Development Project			
Category 2		Project Initiation Approval	
The DEQAct program encompasses the design, development, testing, and deployment of a new enterprise-wide e-Permitting and e-Compliance system to replace the Virginia Department of Environmental Quality's (DEQ) legacy system, namely Comprehensive Environmental Data System (CEDS) and the public-facing MyDEQ Portal application.			
Project Start Date	8/11/2025	Project End Date	12/31/2029
Estimated Costs:	Total	General Fund	Non-General Fund
Project Cost	\$8,138,933	\$1,581,457	\$4,744,371
Estimated first year of biennium:	\$1,581,457	\$395,364	\$1,186,093
Estimated second year of biennium:	\$1,581,457	\$395,364	\$1,186,093

Project Related Procurements

There are no procurements for this project

Commonwealth Procurements >= \$250,000.00

Agency:	440 Department of Environmental Quality (DEQ)
Date:	10/30/2025
Procurement Name:	DEQ Cornerstone LMS renewal FY26-29
Procurement Date	9/15/2028
Procurement Description:	This procurement is for a 3 year renewal term via VITA contract (ThunderCat, VA-180917-TCTL). DEQ has been using Cornerstone LMS for approximately 10 years.
Procurement Name:	DEQ ESRI Renewal agreement, FY26-28
Procurement Date	10/1/2027
Procurement Description:	DEQ utilizes ESRI ArcGIS products as its GIS platform supporting business and citizen needs. This procurement will provide product licensing and support for an additional three years.
Procurement Name:	DEQ Mitigation Trading System
Procurement Date	6/28/2024
Procurement Description:	DEQ seeks to request proposals from vendors to provide an online mitigation credit trading system to be used by buyers and sellers of those credits. DEQ will not use the system directly, but will inform the vendor hosting the application when mitigation credits become available to the marketplace as part of the permitting process, and will expect to receive reports from the vendor regarding the disposition of the credits as trading activities occur. Note - the trading system will not house nor serve as the system of record for DEQ data.
Procurement Name:	DEQ OPaL Implementation Procurement - Phase 1
Procurement Date	8/29/2025
Procurement Description:	This PGR is associated with DEQ's project to replace the agency's existing CEDS system for DEQ's Renewable Energy, Air, and Brownfields Permitting and Compliance program areas in order to modernize and to implement additional functionality. This will be done as a service solution as opposed to an on-premise, custom-developed implementation. Project will include the implementation of Oracle Permitting and Licensing (OPaL) with key integrations to state mandated and legacy systems to include DEQ's Oracle SAAS ERP, HCM and EPM applications, as appropriate.
Procurement	DEQ OPaL SAAS License Procurement

Name:	
Procurement Date	9/29/2028
Procurement Description:	This PGR is for the purchase of the SAAS licenses needed to implement the solution being implemented by the DEQ Oracle Permitting and Licensing (OPaL) Implementation project that is being undertaken in order to replace and enhance DEQ's current CEDS system. This is being done as a software as a service solution as opposed to an on-premise custom-developed system. Project includes the implementation of OPaL with key integrations to state mandated and legacy systems, to include integration with DEQ's Oracle ERP/EPM/HCM SAAS solution that is currently being implemented. License procurement covers a period of 57 months, through September 2028.