

Agency Information Technology Plan

Agency

Department of Environmental Quality

Mission

The Department of Environmental Quality's mission is to protect, sustain, and improve a clean and healthful environment to benefit present and future generations.

	Agency Goal/Objective	State Strategic Plan Goal/Objective Reference
Goal One:	Use budget and cash scenarios from DEQ cost centers as a guide for IM/IT spending plans in order to improve financial metrics for information management	Goal 1 – Fiscal Responsibility (Spend Smart)
Objective One:	Work with the Environmental Council of the States (ECOS) to implement a nation-wide environmental Application Programming Interface	Goal 4, Objective Four: G2G (Agency-to-Agency, Government-to-Local Government, State-to-State) Implement enterprise technologies that facilitate communication, data access, and information sharing between government entities to reduce costs and increase collaboration. & Goal 4, Objective Two: G2B (Government-to-Business) - Provide businesses with simplified access to government information and services, to result in more efficient interactions and transactions that save businesses time and money.
Objective Two:	Create a sustainable financial mechanism with support from the regulated community to enhance future DEQ digital transformation	Goal 1, Objective Five: Statewide Investment Management - Implement an IT investment management framework to better oversee investment projects and maintain established budgets, time frames, and reporting processes.
Objective Three:		
Objective Four:		
Objective Five:		
<input checked="" type="checkbox"/> Add Goal		

	Agency Goal/Objective	State Strategic Plan Goal/Objective Reference
Goal Two:	Lead the State of Montana energy and environmental initiatives by using LEED-certified technology facilities	Goal 5 –Service First (Business Smart)
Objective One:	Deploy new DEQ information technology investments on LEED-certified facilities and platforms to the maximum extent possible.	Goal 5, Objective One: BRM - Establish guiding principles for employees and promote positive business relationships.
Objective Two:	Move three existing DEQ systems to LEED-certified facilities/platforms	Goal 5, Objective One: BRM - Establish guiding principles for employees and promote positive business relationships.
Objective Three:		
Objective Four:		
Objective Five:		
<input checked="" type="checkbox"/> Add Goal		

	Agency Goal/Objective	State Strategic Plan Goal/Objective Reference
Goal Three:	Standardize on international-grade, commoditized systems to enhance organizational and employee effectiveness anywhere, anytime	Goal 2 - Optimization of shared services and support (Collaborate Smart)
Objective One:	Deploy an agency-wide permitting system on a SaaS or low-code platform that can interface with existing agency-wide systems	Goal 2, Objective Two: Shared - Decrease duplication and deliver shared SaaS solutions when possible.
Objective Two:	Deploy an agency-wide constituent relationship management system on a SaaS or low-code platform that can interface with existing agency-wide systems	Goal 2, Objective Two: Shared - Decrease duplication and deliver shared SaaS solutions when possible.
Objective Three:	Lead the digital transformation of the State of Montana natural resource agencies by deploying three new cloud-based technologies available to citizens and the regulated community that improve the quality, timeliness, security, and accuracy of the bidirectional data we share.	Goal 4, Objective One: Modernization – Utilize new processes and technologies to create an IT environment that enables business, improves services, and facilitates innovation.
Objective Four:		
Objective Five:		
<input type="checkbox"/> Add Goal		

[Link to Agency Goals and Objectives](#)

None published (Still being finalized)

Information Technology Resources and Capabilities

Information Technology Resources

Summary of information technology resources:

Bureau / Unit Name	Number of FTE	Primary Function / Mission	
<input type="checkbox"/> Add Resource	Air, Energy, and Mining	4	The mission of Air, Energy & Mining is to: protect human health and the environment by promoting clean air and minimizing pollution; work with Montana communities and stakeholders to permit and regulate hard rock, coal and opencut mining; and to provide information to Montanans on the full spectrum of energy resources, including production, conservation, and renewable opportunities.
<input checked="" type="checkbox"/> Add Resource	Centralized Services	18	The mission of Centralized Services is to provide quality products and professional services to Department of Environmental Quality staff and programs.
<input checked="" type="checkbox"/> Add Resource	Waste Management and Remediation	8	The mission of Waste Management and Remediation is to protect human health and the environment by preventing exposure to contaminants; work with Montana communities and businesses to implement effective material management and cleanup strategies; and oversee compliance with state and federal laws and regulations.
<input checked="" type="checkbox"/> Add Resource	Water Quality	11	The mission of Water Quality is to create support and implement measures to conserve water resources and ensure that clean lakes, streams, and rivers remain part of Montana's natural heritage.
<input type="checkbox"/> Add Resource			

Information Technology Capabilities

Summary of Systems:

I have reviewed all of my agency's systems in Assurance CM and certify that it is accurate.

Summary of Hardware:

Total Number of Appliances (Devices designed for internet access and specialized business use, but without capabilities of a fully-equipped server. Can be physical or virtual. Include all chassis, tape systems, firewalls, switches, KVM's, and USB anywhere devices.)

0

Total Number of Physical Servers (Include physical servers used for virtualization. Do not include equipment hosted by SITSD.)

0

Total Number of Virtualized Servers (Do not include equipment hosted by SITSD.)

0

Total Usable Storage Space (SANs and NASs. Do not include storage hosted by SITSD.)

0

Device Type (Including, but not limited to desktops, laptops, mobile devices, printers, cameras, etc.)	Quantity	Estimated Replacement Value
Desktops	355	284,000
Laptops	250	375,000
Mobile Devices	145	120,000
Printers	58	246,500
Cameras	10	0
UAV	6	50,000
Scanner	5	6,000

Information Technology Projects

Project Name

Division

Project / Program purpose and objectives

State Strategic Plan Goal/Objective Reference

Estimated start date

Estimated delivery date

Estimated cost

HB 10 Request

select yes or no

Funding Source 1

Funding Source 1 Amount

Funding Source 2

Funding Source 2 Amount

Funding Source 3

Funding Source 3 Amount

Annual costs upon completion

Status of the project as of March 31, even numbered years. Indicate % completed and status of funds expended.

Add Project

Agency Contact Information

Agency Director / Administrator

Name

Phone Number

Email Address

Mailing Address

Information Technology Contact (CIO / IT Manager)

Name

Phone Number

Email Address

Mailing Address

Information Security Manager

Name

Phone Number

Email Address

Mailing Address