



***DEPARTMENT OF ENVIRONMENTAL QUALITY***

**AGENCY INFORMATION  
TECHNOLOGY PLAN**



**2018**



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## Mission, Goals, and Objectives



Agency information technology mission, goals, and objectives ([2-17-524\(1\)\(a\)\(b\), MCA](#)).

<b>Mission</b>	<p>The Department of Environmental Quality's mission is to protect, sustain, and improve a clean and healthful environment to benefit present and future generations.</p> <p>NOTE: DEQ believes that information technology is no different from any other part of the agency. As such the mission of its IT is not segmented from the rest of agency operations.</p>
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		<b>State Strategic Plan Goal/Objective Reference</b>	<b>Agency Goal/Objective Reference</b>
<b>Goal One</b>	Provide the public easy access to quality information	Goal 3: State of the Art	(To be linked upon submission of agency goals to OBPP)
<b>Objective One</b>	Deploy a dashboard of DEQ activity for both the executive and legislative branch	Objective 3.1: Leverage and deploy technologies that provide a modern experience for citizens and employees that access government data and services.	(To be linked upon submission of agency goals to OBPP)
<b>Objective Two</b>	Participate in the ECOS Results program to benchmark Montana DEQ performance against other states	Objective 3.1: Leverage and deploy technologies that provide a modern experience for citizens and employees that access government data and services.	(To be linked upon submission of agency goals to OBPP)

		<b>State Strategic Plan Goal/Objective Reference</b>	<b>Agency Goal/Objective Reference</b>
<b>Goal Two</b>	Reduce the total cost of information technology across DEQ	Goal 6: Cost Effectiveness	(To be linked upon submission of agency goals to OBPP)
<b>Objective One</b>	Move all agency-wide systems to a	Objective 6.2: Deploy SaaS and PaaS...over	(To be linked upon submission of agency goals to OBPP)

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	commoditized platform in 3 years	customized, ground-up solutions	
<b>Objective Two</b>	Deploy Desktop as a Service solutions for all DEQ employees	Objective 2.2: Implement Unified Desktop Workspace (UDW) to decrease environmental impact and improve security.	(To be linked upon submission of agency goals to OBPP)

		<b>State Strategic Plan Goal/Objective Reference</b>	<b>Agency Goal/Objective Reference</b>
<b>Goal Three</b>	Enhance agency compliance with state and federal regulations	Goal 1: Secure	(To be linked upon submission of agency goals to OBPP)
<b>Objective One</b>	Obtain a CROMERR compliant login portal for DEQ.	Objective 1.1 Develop and implement security standards, common controls and best practices for information systems.	(To be linked upon submission of agency goals to OBPP)
<b>Objective Two</b>	Develop a system security plan for all agency-wide systems	Objective 1.4 Develop the internal review and compliance program to provide data that proves efficient security controls or identifies security gaps to remediate.	(To be linked upon submission of agency goals to OBPP)

<b>Link to Agency Goals and Objectives</b>	NA
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## Resources and Capabilities

Current information technology resources and capabilities ([2-17-524\(1\)\(c\)\(d\), MCA](#)).

### Information Technology Resources

#### Summary of information technology resources:

Bureau / Unit Name	Number of FTE	Primary Function / Mission
Coal and Open cut Mining Bureau (AEM)	1	Regulation of coal and open cut mining
Air Quality Bureau (AEM)	4	Regulation of air quality
Public Water Supply Bureau (WQD)	5	Regulation of public water supplies
Water Quality Planning Bureau (WQD)	9	Planning and monitoring of Water Quality
Contaminated Site Clean-up Bureau (WMR)	2	Remediation of Sites under state purview
Federal Superfund Bureau (WMR)	3	Remediation of Sites under federal purview/funding
Waste & Underground Tank Management Bureau (WMR)	4	Regulation of waste and underground tanks
Information Technology Bureau	17.5	Information management and technology support for DEQ
Financial Services Bureau	1	Financial Management for DEQ
Enforcement Unit	1	Enforcement of Montana's environmental laws
Director's Office	1	General administration

## Information Technology Capabilities

## Summary of Systems:

Name	Description	Purpose
AirVision	System to collect air monitoring data.	Sample Data Management
AirVision Report	Internal report to display air quality monitoring network information.	Reporting
AQ Update Entry Form	Winter Air Quality Update form	Reporting
AQB_GPS_CSV_GENERATOR	Console application to generate CSV file for use in GPS units to show O&G compliance inspectors facility locations.	GIS
ArcGIS Online for MT DEQ	GIS	GIS
ARMB Workflow	Primary Application used to track permitting and compliance activities for the bureau.	Regulation/Permitting
Asbestos Accreditation	Regulation/Permitting	Regulation/Permitting
Asbestos Accreditation, Intranet Only	Regulation/Permitting	Regulation/Permitting
Asbestos Project Permits	Regulation/Permitting	Regulation/Permitting
Bi-Annual Report	Reporting	Reporting
Big Oil	Reporting	Reporting
BLING	Financial Reporting	Financial
Cash Receipts Log	Financial Tracking	Financial
CEDARS	Regulation/Permitting	Regulation/Permitting
CEDARS - ENFD CFS	Regulation/Permitting	Regulation/Permitting
CEDARS - Enforcement	Regulation/Permitting	Regulation/Permitting
CEDARS - FITS	Regulation/Permitting	Regulation/Permitting
CEDARS - WUTMB - Asbestos Front End	Regulation/Permitting	Regulation/Permitting
CEDARS - WUTMB - Hazardous Materials Front End	Regulation/Permitting	Regulation/Permitting
CEDARS - WUTMB - Junk Vehicle Front End	Regulation/Permitting	Regulation/Permitting
CEDARS - WUTMB - Meth Cleanup Program Front End	Regulation/Permitting	Regulation/Permitting
CEDARS - WUTMB - Septic Tank Pumpers Front End	Regulation/Permitting	Regulation/Permitting
CEDARS - WUTMB - Solid Waste Front End	Regulation/Permitting	Regulation/Permitting

CEDARS, Airs	Oracle permitting and regulating system. Tracks permits, applications, charges, visits, fits sites and parties.	Regulation/Permitting
CEDARS, Catalog	Regulation/Permitting	Regulation/Permitting
CIMS	Financial	Financial
Clean Water Act Information Center (CWAIC)	CWAIC Portion of Data Search Tools	Reporting
Client-Based Coal Application	Tracking system for mine permits & data collection. Also provides reports.	Regulation/Permitting
Client-Based Coal Bond Reclamation Software	System that allows operators to calculate the required bond amounts needed in a standard way.	Regulation/Permitting
Data Search Tools (DST)	Aggregates and reports DEQ Data to the public	Reporting
DEQ ArcGIS License Manager	Tracks ArcGIS Licenses	Service Management
DEQ Duty Officer WMA	Geospatial information for DEQ Duty Officer	GIS
DEQ GIS Portal	Geospatial data for public	GIS
DEQMobile	Mobile data collection of DEQ Data	GIS
DEQ's Listserv	Mass emailing	Citizen Engagement
DEQ's Public Website	Web	Web
DNN	Web	Web
e-AMLIS	Tracking and reporting of abandoned mine lands	Remediation
EIS OpenNode - Data Flow	EPA Reporting	Reporting
Elevation and Terrain Profiles WMA	GIS	GIS
eMACS	Financial	Financial
Emissions Online	Website used to collect emission data from regulated community.	Sample Data Management
EnergyCAP	Energy Usage and Metering for Public Buildings	Reporting
EnergyCAP Usage Importer / Public Building Energy Usage	Energy Usage and Metering for Public Buildings	Reporting
ENFD MS Access "programs" (over 100 total)	Reporting	Reporting
EPA Soundness Reporting	Reporting	Reporting
ERS Contract Form	Contract Initiation form	Financial
Fees, Applications & Compliance Tracking System (FACTS)	Water permit violation tracking and letter generating	Regulation/Permitting

Fiscal Contracts, Contract Financial Status Report	Financial	Financial
FRS	Service Management	Service Management
ICIS-Air OpenNode - DataFlow	EPA Reporting	Reporting
Inside GIANT (DEQ's Intranet)	Web	Web
Inventory Manager	Track location and status of field equipment	Financial
Inventory Tracking System (Label ID)	Service Management	Service Management
IPUPAS	water quality impairment analysis tool	Regulation/Permitting
JustFOIA	FOIA	FOIA
Keystone XL WMA	GIS	GIS
LASR	Lab to State Reporting app	Interoperability
Library	Oracle-based library catalog system for Hazardous Waste Program-related documents. Tracks HW facility, document title, date, and location.	Content Services Platform
LISA	Water Quality Library Search Application	Service Management
Mapping DEQ's Data WMA	GIS	GIS
Montana Burn Requests and Restrictions	GIS	GIS
Montana DEQ Basemap	GIS	GIS
MT Pi Contracts	Financial	Financial
MT-eWQX, EQuls Data Processor (EDP)	Sample Data Management	Sample Data Management
MT-eWQX, EQuls Enterprise	Sample Data Management	Sample Data Management
MT-eWQX, EQuls Professional	Sample Data Management	Sample Data Management
myCOAL ePermitting	ePermitting app for the Coal program	Regulation/Permitting
NHD Event Console	To submit data to WQX	Interoperability
NIFE Client	To convert river and lake GIS vertices to XML schema	Reporting
Online Asbestos Accreditation & Renewal Service	Regulation/Permitting	Regulation/Permitting
Online Asbestos Project Permit Application Service	Regulation/Permitting	Regulation/Permitting
OPass	Changes passwords in Oracle	Service Management
Open Burn	Application to track open burns	Regulation/Permitting
Open Burning Restrictions Management WMA	GIS	GIS



Opencut Internal	Tracking system for Operators, Sites & Permits	Regulation/Permitting
Opencut Mining Inspections	GIS	GIS
Opencut Mining Inspections Verification	GIS	GIS
Opencut Mining WMA	GIS	GIS
Opencut Operator Submission Review	GIS	GIS
OpenNode	Interoperability	Interoperability
PEATS	Interoperability	Interoperability
Perceptive File Management	Document Management	Content Services Platform
PETRO Link	Reporting	Reporting
PETRO Stats	Reporting	Reporting
Phone List / WHO Table	HR	HR
PTC Release Reviewer	Verification of already mapped releases	GIS
Public Comment	Citizen Engagement	Citizen Engagement
Public Comment Submittal Application (CWAIC)	Public Comment app for CWAIC reporting cycles	Citizen Engagement
Purchasing Form, Step 1 & 2	Service Management	Service Management
PWS	Interoperability	Interoperability
PWS Basemap	Basemap for PWS mapping apps	GIS
RCRAInfo	Remediation	Remediation
Reference Manager	Track References	Library
RIMS, EISI	Remediation	Remediation
RIMS, PETRO	Remediation	Remediation
RIMS, UST-FITS	Remediation	Remediation
RMS Application	Application to track equipment, calibration and QA/QC data for the air monitoring network	Sample Data Management
SABHRS	Financial	Financial
SABHRS Web Gateway	Financial	Financial
SANDS v3.0	Cross-tab transformation tool	Reporting
SANDS v5.0	Data download and Cross-tab transformation tool	Reporting
SBCEP Financial Tracking	Financial	Financial
SDWIS	Safe Drinking Water Information System	Reporting
SDWIS, CMDP	Interoperability	Interoperability

SDWIS, DWW	Drinking Water Watch	Interoperability
SDWIS, Read Only	Reporting	Reporting
Sediment- Habitat Data Management Tool (Sed-Hab)	To record, view, and analyze sediment and habitat data	Sample Data Management
Service Form(s)	Service Management	Service Management
SIA	Financial	Financial
Smoke Update Entry Form (Wildfire Smoke Update)	Wildfire Smoke Update form	Web
Soil Salinity Assessment Tool	GIS	GIS
Source Water Protection Program Database	Source Water Delineation and Assessment Reports	Reporting
Staff Directory	Web	Web
State Fund Survey	Reporting	Reporting
State Revolving Fund Clean Water Database	Loan and Project Tracking	Financial
State Revolving Fund Drinking Water Database	Loan and Project Tracking	Financial
STORET User Data Systems (SUDS)	Document Management	Content Services Platform
Subdivision Plan Review Map	GIS	GIS
System Access Form	Service Management	Service Management
Today's Air	Website to provide the public air quality information.	Web
Track-It!	Service Management	Service Management
UBMC Virtual Tour	Highlighting features relevant to the UBMC construction and remediation project.	GIS
UST Tank Location Management Map	Create and manage Tank location records.	GIS
Vehicle Tracking System	Financial	Financial
Violations Database	Water permit violation tracking and letter generating	Regulation/Permitting
Water / Wastewater Operator CE Credits, CEC Total Rpt	PWS Reports	Reporting
Water / Wastewater Operator Standings	PWS Reports	Reporting
Water Permit Tracking System	Permitting of Water Permits	Regulation/Permitting

Water Protection WMA	GIS	GIS
Water Quality Assessment, Reporting, and Documentation (WARD)	Assessment data management and TMDL tracking	Regulation/Permitting
Water Quality Certification Permit Tracking Database (WQCPTDB)	318 & 401 permit authorization and fee tracking	Regulation/Permitting
Water Quality Document Tracker	Track documents	Library
Water Quality Geodatabases	Geo databases of Assessment Units, Water Use Class, Reference Sites, Permit Outfalls (not published)	GIS
Water Quality Protection Bureau Library (WQBPL)	Citations database for assessment records	Library
WQPB AMB CR Form	Change Request form	Service Management

**Summary of Hardware:**

Appliances: Devices designed for internet access and specialized business use, but without capabilities of a fully-equipped server. Appliances can be physical or virtual. Include all chassis, tape systems, firewalls, switches, KVM's, and USB Anywhere devices. Do not include appliances hosted by SITSD.

Total Number of Appliances	0
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Physical Servers: Include physical servers that are used for virtualization. Do not include servers hosted by SITSD.

Total Number of Physical Servers	0
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Virtualized Servers: Do not include servers hosted by SITSD.

Total Number of Virtualized Servers	0
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Storage: SANs and NASs. Do not include storage hosted by SITSD.

Total Usable Storage Space	0
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Devices: Currently in service including, but not limited to desktops, laptops, mobile devices, printers, cameras, etc.

Device Type	Quantity	Estimated Replacement Value
Desktops	355	\$284,000
Laptops	250	\$375,000
Mobile Devices (tablets, phones, etc.)	145	\$119,625
Printers	58	\$246,500
Cameras	14	\$0
Unmanned Aircraft System	4	\$25,000
Scanner	5	\$6,000



Agency information technology projects ([2-17-524\(1\)\(e\)\(f\)\(2\), MCA](#)).

Project Name	Division	Project/Program Purpose and Objective	IT Goal and Objective Reference	Estimated Start Date	Estimated Delivery Date	Estimated Cost	HB 10 Request	Funding Source One	Funding Source Two	Funding Source Three	Annual Costs upon Completion	Status of the Project as of March 31 2018. Indicate % complete and status of fund expended.
319 Project Map	WQD	319 Project Map	NA	Unknown	Unknown	Unknown	No	Unknown	NA	NA	Unknown	Unknown
3rd Party Gas (State Energy Office)	AE M	3rd Party Gas Tracking	NA	TBD	TBD	TBD	No	TBD	NA	NA	TBD	NA (Requested, not yet scoped)
AERLP Loan App/Database	AE M	AERLP Loan App/Database Creation	NA	TBD	TBD	TBD	No	TBD	NA	NA	TBD	NA (Requested, not yet scoped)
AERLP Tracking	AE M	AERLP Tracking Creation	NA	TBD	TBD	TBD	No	TBD	NA	NA	TBD	NA (Requested, not yet scoped)
Agency-wide System Commo ditization	CS D	In accordance with DEQ's mission and vision and the State IT strategic plan, a move to a commo ditized platform (SaaS preferred, PaaS accepted) for all agency wide IT systems	DEQ 2.1	3/1/2018	7/1/2021	NA - Will move system by system, no capital costs, only implementation costs	No	Proprietary	Federal	State Special	Unknown	0%
Cataloging System Support	WMD	Cataloging System Support for Additional Programs	NA	Unknown	Unknown	Unknown	No	Unknown	NA	NA	Unknown	Unknown

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CEDARS Forms Update	WMD	CEDARS Support (Forms Update) for Asbestos	NA	Unknown	Unknown	Unknown	No	Unknown	NA	NA	Unknown	Unknown
CEDARS Support for Solid Waste	WMD	Upgrade CEDARS Support for Solid Waste	NA	Unknown	Unknown	Unknown	No	Unknown	NA	NA	Unknown	Unknown
Complaint/Field Investigation System, Phase II	DIR	Complaint/Field Investigation System, Phase II (ENFU)	DEQ 3	TBD	TBD	TBD	No	TBD	NA	NA	TBD	NA (Requested, not yet scoped)
Complete Methonline services	WMD	Complete Methonline services	NA	TBD	TBD	TBD	No	TBD	NA	NA	TBD	NA (Requested, not yet scoped)
Data Search Tools (DST) Support	WMD	Data Search Tools (DST) Support for JV, Solid Waste & STP -- collecting points & using mapping function	DEQ 1	Unknown	Unknown	Unknown	No	Unknown	NA	NA	Unknown	Unknown
Delegation of authority	CS D	Delegation of authority in absence process automated and trackable	DEQ 3	TBD	TBD	TBD	No	TBD	NA	NA	TBD	NA (Requested, not yet scoped)

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DEQ, Reorganization, AD & Network File Share Reorganization	CS D	AD & Network File Share Reorganization to meet new org structure	DEQ 3	1/1/2017	12/31/2018	\$50,000.00	No	Proprietary	NA	NA	TBD	
Desktop As A Service (DaaS)	CS D	VDI implementation	DEQ 2.2	3/1/2018	Unknown (Dependent on SITS D)	TBD	No	Proprietary	NA	NA	TBD	10%
Direct Grants of Sick Leave	CS D	Direct Grants of Sick Leave process automated and trackable	DEQ 3	TBD	TBD	TBD	No	TBD	NA	NA	TBD	NA (Requested, not yet scoped)
Duty Officer Complaint / Spill Form	CS D	Duty Officer Complaint / Spill Form automated and trackable	DEQ 3	TBD	TBD	TBD	No	TBD	NA	NA	TBD	NA (Requested, not yet scoped)
Energy IN Montana Database	AE M	Update to Put All Energy IN Montana Database	DEQ 1	TBD	TBD	TBD	No	TBD	NA	NA	TBD	NA (Requested, not yet scoped)
FACTS	W QD	FACTS	NA	6/30/2015	6/30/2019	\$1,199,467	No	State Special Revenue	Long Range	NA	TBD	95%
FACTS, Phase 2	W QD	FACTS, Phase 2	NA	Unknown	Unknown	Unknown	No	Unknown	NA	NA	Unknown	Unknown

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Field Tablets: JV, Solid Waste & STP, Phase 1	WMD	Field Tablets: Collect Data Points	NA	Unknown	Unknown	Unknown	No	Unknown	NA	NA	Unknown	Unknown
Field Tablets: JV, Solid Waste & STP, Phase 2	WMD	Field Tablets: Take Pictures	NA	Unknown	Unknown	Unknown	No	Unknown	NA	NA	Unknown	Unknown
Field Tablets: JV, Solid Waste & STP, Phase 3	WMD	Field Tablets: Complete Inspections & Mobile Printer From Field	NA	Unknown	Unknown	Unknown	No	Unknown	NA	NA	Unknown	Unknown
FlexWork request/approval	CS D	FlexWork request/approval process automated and trackable	DEQ 3	TBD	TBD	TBD	No	TBD	NA	NA	TBD	NA (Requested, not yet scoped)
FMLA management	CS D	FMLA management automated form workflow	DEQ 3	TBD	TBD	TBD	No	TBD	NA	NA	TBD	NA (Requested, not yet scoped)
GIS Environment Review	CS D	GIS Environment Review	DEQ 2.1	1/1/2018	6/1/2018	\$10,000	No	Proprietary	NA	NA	TBD	75%
Ground Water Reporting changes	WMD	Ground Water Reporting changes	NA	TBD	TBD	TBD	No	TBD	NA	NA	TBD	NA (Requested, not yet scoped)

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Hard Rock Mining Migration	AE M	Hard Rock Mining MS Access to CEDARS Data Migration	DEQ 2.1	1/1/2018	6/1/2018	\$30,000	No	State Special Revenue	NA	NA	\$1,000.00	50%
Haz Waste Yearly Process, Phase 1	W M D	SIA Invoicing	NA	Unknown	Unknown	Unknown	No	Unknown	NA	NA	Unknown	Unknown
Haz Waste Yearly Process, Phase 2	W M D	Generators' Data Collection	NA	Unknown	Unknown	Unknown	No	Unknown	NA	NA	Unknown	Unknown
Haz Waste Yearly Process, Phase 3	W M D	EPA Reporting	DEQ 1.2	Unknown	Unknown	Unknown	No	Unknown	NA	NA	Unknown	Unknown
License/certification reimbursement	CS D	License/certification reimbursement automated and trackable	DEQ 3	TBD	TBD	TBD	No	TBD	NA	NA	TBD	NA (Requested, not yet scoped)
Mobile AmigoCloud Sync Enhancement	CS D	Link Mobile AmigoCloud to ESRI Software	DEQ 2.1	1/1/2017	1/31/2018	\$100,000	No	Proprietary	NA	NA	\$50,000	50%
Mobile Emergency Response Coordination	CS D	Mobile Emergency Response Coordination via GIS Software	DEQ 3	1/1/2017	1/31/2018	\$50,000	No	Proprietary	NA	NA	\$20,000	30



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Modify Invoicing & Licensing System	WMD	Modify Invoicing & Licensing System	NA	Unknown	Unknown	Unknown	No	Unknown	NA	NA	Unknown	Unknown
MT myCOAL ePermitting System	AE M	MT myCOAL ePermitting System Upgrades	NA	Unknown	Unknown	Unknown	No	State Special Revenue	NA	NA	Unknown	Unknown
MT Pi Upgrade	CS D	Migrate from Legacy Oracle Forms to more robust system	NA	1/1/2017	6/30/2018	\$75,000	No	Proprietary	NA	NA	\$10,000	75
NEO	CS D	Workflow for all training and tasks commonly needed through the department	DEQ 3	TBD	TBD	TBD	No	TBD	NA	NA	TBD	NA (Requested, not yet scoped)
Online Renewal for JV licensing	WMD	Online Renewal for JV licensing	NA	TBD	TBD	TBD	No	TBD	NA	NA	TBD	NA (Requested, not yet scoped)
Open Burn Application (Phase II)	AE M	Create and Enhance Open Burn Application	DEQ 1	TBD	TBD	TBD	No	TBD	NA	NA	TBD	NA (Requested, not yet scoped)
Opencut Application	AE M	Opencut Application	NA	Unknown	Unknown	Unknown	No	State Special Revenue	NA	NA	Unknown	Unknown
Opencut Mining WMA Enhancements	AE M	Opencut Mining WMA Enhancements	NA	Unknown	Unknown	Unknown	No	State Special Revenue	NA	NA	Unknown	Unknown

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OSMRE Coal Information Management System	AE M	Port Montana's Coal e-Permitting for Federal Use	NA	6/27/2016	6/28/2019	\$1,750,000	No	Federal	Long Range	NA	Unknown	50%
Professional growth	CS D	Job Progression Tracking and Monitoring & Resource Library	DEQ 3	TBD	TBD	TBD	No	TBD	NA	NA	TBD	NA (Requested, not yet scoped)
Public Comment Portal	DIR	Replace Public Comment Portal	DEQ 1	TBD	TBD	TBD	No	TBD	NA	NA	TBD	NA (Requested, not yet scoped)
Recycling Video & Podcast	DIR	Recycling Video & Podcast	DEQ 1	TBD	TBD	TBD	No	TBD	NA	NA	TBD	NA (Requested, not yet scoped)
Research and Monitoring Application (Phase II)	AE M	An enhancement to the Research and Monitoring Application that adds an entire new suite of functionality (Particulate Matter Equipment Calibration and QA).	DEQ 3	TBD	TBD	TBD	No	TBD	NA	NA	TBD	NA (Requested, not yet scoped)
Response Manager	W M D	Response Manager	NA	Unknown	Unknown	Unknown	No	Unknown	NA	NA	Unknown	Unknown

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Safety Program Incident Reporting Form	CS D	Safety Program Incident Reporting Form automated and trackable	DEQ 3	TBD	TBD	TBD	No	TBD	NA	NA	TBD	NA (Requested, not yet scoped)
Safety training online	CS D	Safety training online with auto log entry and certificate issuance , possible tie into training log.	DEQ 3	TBD	TBD	TBD	No	TBD	NA	NA	TBD	NA (Requested, not yet scoped)
SANDS, Conversion	W QD	SANDS, Conversion	NA	Unknown	Unknown	Unknown	No	Unknown	NA	NA	Unknown	Unknown
Sanitary Survey Automation	W QD	Sanitary Survey Automation	NA	TBD	TBD	TBD	No	TBD	NA	NA	TBD	NA (Requested, not yet scoped)
SBCEP Billing	AE M	SBCEP Billing Development	DEQ 3	TBD	TBD	TBD	No	TBD	NA	NA	TBD	NA (Requested, not yet scoped)
SBCEP Financial Tracking	CS D	SBCEP Financial Tracking	DEQ 3	1/1/2017	12/31/2018	Unknown	No	State Special Revenue	NA	NA	\$5,000	75%
SBCEP GIS Tracking	AE M	SBCEP GIS Tracking	DEQ 3	TBD	TBD	TBD	No	TBD	NA	NA	TBD	NA (Requested, not yet scoped)
SDWIS, Prime	W QD	Institution of the SDWIS Prime System	DEQ 3	TBD	TBD	TBD	No	TBD	NA	NA	TBD	NA (Requested, not yet scoped)
Smith River Citizen Science	W QD	Smith River Citizen Science	NA	Unknown	Unknown	Unknown	No	Unknown	NA	NA	Unknown	Unknown

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Solid Waste Due by Report	WMD	Solid Waste Due by Report	NA	TBD	TBD	TBD	No	TBD	NA	NA	TBD	NA (Requested, not yet scoped)
Spatial Data Workflows	CS D	Spatial Data Workflows	DEQ 1, DEQ 2.1	6/30/2017	6/30/2018	\$100,000	No	Proprietary	NA	NA	\$10,000	50%
State Energy Building Locator	AE M	State Energy Building Locator	DEQ 1	TBD	TBD	TBD	No	TBD	NA	NA	TBD	NA (Requested, not yet scoped)
Time Off Requests	CS D	Time Off Requests automated and trackable; Leave Without Pay Request ; Sick; Annual	DEQ 3	TBD	TBD	TBD	No	TBD	NA	NA	TBD	NA (Requested, not yet scoped)
Tracking systems for Direct Haul contracts	WMD	Tracking systems for Direct Haul contracts	NA	TBD	TBD	TBD	No	TBD	NA	NA	TBD	NA (Requested, not yet scoped)
Travel & Training Requests/Approval	CS D	Travel & Training Requests/Approval automated and with metrics to monitor	DEQ 3	TBD	TBD	TBD	No	TBD	NA	NA	TBD	NA (Requested, not yet scoped)
TREADS	WMD	TREADS	DEQ 3	1/23/2012	8/30/2018	\$5,344,000	No	General Fund	State Special Revenue	Federal Special	TBD	78%
Tuition reimbursement	CS D	Tuition reimbursement process automated and trackable	DEQ 3	TBD	TBD	TBD	No	TBD	NA	NA	TBD	NA (Requested, not yet scoped)

AGENCY INFORMATION TECHNOLOGY PLAN

Project Name	Division	Project/Program Purpose and Objective	IT Goal and Objective Reference	Estimated Start Date	Estimated Delivery Date	Estimated Cost	HB 10 Request	Funding Source One	Funding Source Two	Funding Source Three	Annual Costs upon Completion	Status of the Project as of March 31 2018. Indicate % complete and status of fund expended.
VEBA management	CS D	VEBA management automated with workflow, reminders, and tracking	DEQ 3	TBD	TBD	TBD	No	TBD	NA	NA	TBD	NA (Requested, not yet scoped)
Video Equipment (Rm 111)	DIR	Video Equipment Replace Video Equipment	DEQ 3	TBD	TBD	TBD	No	TBD	NA	NA	TBD	NA (Requested, not yet scoped)
VoIP	CS D	VoIP	DEQ 2	9/1/2017	Unknown (Dependent on SITS D)	\$50,000	No	Proprietary	NA	NA	TBD	60%
WARD, Conversion (.NET)	W QD	WARD, Conversion (.NET)	NA	Unknown	Unknown	Unknown	No	Unknown	NA	NA	Unknown	Unknown
WARD, Phase 4 (New ATTAINS Water Quality Framework)	W QD	WARD, Phase 4 (New ATTAINS Water Quality Framework)	DEQ 3	Unknown	Unknown	Unknown	No	Unknown	NA	NA	Unknown	Unknown
Website Update	DIR	Global Design Change (Homepage, Portal, 404)	DEQ 1	6/30/2017	6/30/2019	\$150,000	No	Proprietary	NA	NA	\$75,000	40%
Wetland Data Collection	W QD	Wetland Data Collection	NA	Unknown	Unknown	Unknown	No	Unknown	NA	NA	Unknown	Unknown

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