FY 2020 EXCHANGE NETWORK GRANT PROGRAM AWARDS
Office of Mission Support
U.S. Environmental Protection Agency
FY 20 Grants

Recipient Name	Total Number of Awards	Total Amount of Awards
States	22	$4,684,037.00
Tribes	10	$2,527,716.00
Territories	0	$0.00
All Recipients	32	$7,211,753.00

Grant ID	Recipient Name	Project Description	Award Amount	Award Date
		STATES / INSTRUMENTALITIES OF THE STATE		
96464621	**Alabama -** Department of Environmental Management	This project proposes to conduct analysis and planning for, and create, an electronic submission form and payment system to streamline the ADEM Form 8700-12 Notification of Regulated Waste Activity annual submission process.	$200,000	10/27/2020
84009701	**Alaska -** Department of Natural Resources / Division of Geological & Geophysical Surveys	This project proposes to create a new flow of Alaska groundwater quality data to the EPA's Water Quality Exchange (WQX).	$196,611	9/29/2020

84001008	**Arizona -** Department of Enviornmental Quality	This project proposes to enhance and implement the Combined Air Emissions Reporting (CAER) System for Arizona air permittees.	$200,000	9/9/2020
84009601	**California -** Sacramento State University	This project proposes to construct and publish a new information exchange, the Trash Rapid Assessment Data Exchange (TRADE), consisting of a crowd-sourced database, Application Programming Interface (API), and web-based dashboard. Project benefits include streamlined access to quality environmental data that will reduce burden and cost, and expanded participation in data-driven environmental improvement.	$199,967	9/8/2020
84001014	**Colorado -** Department of Public Health and Environment	This project proposes to develop a chatbot tool for compliance assistance to the various regulated industries. The chatbot tool will be available via web access, phone and virtual assistants. This application seeks funding under Priorities 1 and 3.	$198,435	9/2/2020
84001005	**District of Colombia -** Department of Energy and Environment	DOEE proposes to streamline workflows between DOEE Air Quality Division's (AQD) Air Quality Compliance System (AQCS) Quickbase database and Integrated Compliance Information System for Air (ICIS-Air) and upgrade AQD systems to be compliant with the Cross-Media Electronic Reporting Rule (CROMERR).	$200,000	9/10/2020
84001013	**Hawaii -** Department of Health	The project proposes to integrate the Substance Registry System (SRS) Service; use Submit Web Services to integrate data into Federal Registry System API; upgrade and implement RCRAInfo Outbound Services; and publish Geospatial data sets. This will enable EHA to improve information quality and transparency across multiple programs by providing related substance information. This application seeks funding under Priorities 1, 2, and 3.	$200,000	8/24/2020

84001012	**Idaho -** Department of Environmental Quality	This grant project proposes to transmit NOI data and other payloads via CDX to ICIS-NPDES and develop, test and deploy web application features for e-NOI and Biosolids permit submittal, reporting, and compliance.	$199,141	9/2/2020
84010701	**Indiana -** Purdue University	This project proposes to modernize and enhance web-based Long-Term Hydrological Impact Assessment (L-THIA) with the latest available datasets and current web technologies/practices; enhance web-based L-THIA with long-term Indiana water quality trending tool and EPA's Substance Registry Services (SRS); and increase access to web-based L-THIA features in the Great Lakes region through an openly published REST API and promote its adoption by development of online training resources.	$199,468	9/16/2020
84001020	**Kansas -** Department of Health and Environment	This grant project proposes to develop hazardous waste modules in the Kansas Environmental Information Management System (KEIMS) to improve the collection and management of hazardous waste data.	$200,000	9/8/2020
00D21421	**Kentucky -** Energy and Environment Cabinet	This project proposes to provide electronic collection of Drinking Water compliance data using online web forms and to create a data sync between existing databases and document management software. Project benefits include increased data quality and accessibility for KYDEP and partners, EPA personnel, and the public, while leveraging existing information technology infrastructures.	$198,504	10/16/2020
84001009	**Louisiana -** Department of Natural Resources	This project proposes to update the organizational structure of underground injection control well data in the current data management system and create automated database processes for improved compliance and enforcement management.	$154,958	9/3/2020

84001024	**Nevada -** Division of Environmental Protection	The project proposes to expand WQX data flow capacity through the Exchange Network to include biological and habitat monitoring data elements and results, and enhance NDEP's existing Air Information Management System (AIMS) to allow for prescribed burning e-permitting and e-reporting.	$200,000	8/26/2020
84009901	**Oklahoma -** Water Resources Board	This project proposes to connect their IFS database to the EPA's CBR/NIMs database; create additional connections between programmatic databases to allow for querying across agency data; and create a public-facing dashboard, using existing tools, to display all available and connected agency data.	$200,000	9/23/2020
84001027	**Pennsylvania -** Department of Environmental Protection	This project proposes to customize the Chesapeake Bay Nutrient Tracking Tool and provide front end access to its waste management eManifest database.	$399,931	9/16/2020
84009501	**Rhode Island -** Department of Health	This project proposes to perform an analysis and error identification of its Beach Program Microsoft Access database to meet EPA data submission standards; rectify the Beach Program historical data set via the updated Access Database and verification of new data flow; and implement extract, transform and load (ETL) of the public notification systems with the updated Access Database. Project benefits include improved and streamlined submission mechanisms to deliver data to the EPA and the public.	$92,282	9/9/2020
84009801	**Texas -** Water Development Board	This project proposes to streamline Clean Water and Drinking Water SRF program data to U.S. Environmental Protection Agency's (EPA) SRF reporting system by enabling a data bridge (REST API) to maintain and expand the flow of data from the state's web-based Loan and Grant Management Tracking System to the new SRF database.	$350,000	8/27/2020
84001003	**Utah -** Department of Environmental Quality	This project proposes to create a web form interface to allow customers applying for a Class V underground injection control (UIC) well to enter their information online eliminating the need for paper forms, improving data quality and streamlining data digitization.	$100,000	9/4/2020

84001021	**Vermont -** Department of Environmental Conservation	The project proposes to develop one centralized authorization portal for any entity needing to do business with the Vermont Agency of Natural Resources. This project commits to incorporate several components of Shared CROMERR Services (SCS) into an authorization portal that will be used by both the COTS Windsor Solutions, Inc., nFORM solution and internally developed custom solutions.	$200,000	9/9/2020
84001002	**Virginia -** Department of Environmental Quality	The project proposes to develop and produce a reusable water quality monitoring mobile application for use on mobile phones, tablets or laptops. The application will be used by VADEQ staff in the field to collect water quality data, take photographs, automatically compile reports, and upload data to central filing systems.	$194,750	9/10/2020
84001023	**Washington -** Recreation and Conservation Office	This project proposes to design and develop a new data exchange for hatchery high-level indicators (HLI).	$399,998	9/28/2020
84009401	**West Virginia -** Department of Environmental Protection	The project proposes to upgrade its state data systems to comply with Phase 1 and Phase 2 of the eReporting Rule by replacing its current system with Automatic Download, Review, and Approval (ADORA), which will provide a more automated back-end solution that will automatically download, validate, move, and close applications. ADORA will be developed for mining and general NPDES eDMRs.	$199,992	8/24/2020
TRIBES				

84009301	Tribe, Region 9 - **Big Valley Band of Pomo Indians of the Big Valley Rancheria**	This project proposes to convert an existing node to Virtual Exchange Services for the Big Valley water quality data, mapping of Tribe and regional data to WQX Schema, and building technical capacity for the Tribe; and to initiate the development of a plan for comprehensive water quality management for domestic water supply, endangered species, and agricultural water use with Lake County and state and federal agencies.	$200,000	9/21/2020
84011001	Tribe, Region 6 - **Cherokee Nation**	The project proposes to establish a radon database and flow radon data to a national radon exchange via OpenNode2. Project benefits include simplified and streamlined radon data entry, increased public access to radon data, and the ability to share files to a national radon database.	$139,284	9/10/2020
84012801	Tribe, Region 10 - **Confederated Tribes and Bands of the Yakama Nation**	This project proposes to develop field applications for entering, checking, and transferring data, in order to develop a backend geodatabase that will support a visual, interactive, data-rich web service that will be easily accessible to tribal program managers and tribal members, partners, and the public.	$199,990	9/14/2020
84011901	Tribe, Region 6 - **Eight Northern Indian Pueblo Council**	This grant proposes to reuse the existing monitoring data features of the Ambient Water Quality Monitoring System (AWQMS) to enhance a tribal Ambient Air Quality monitoring capability, and build capacity by adding more Tribes and Pueblos to the partnership including AWQMS/WQX/AQS training and support for new Tribes/Pueblos and the existing partnership participants.	$400,000	9/16/2020

84011601	Tribe, Region 5 - **The Fond du Lac Band of Lake Superior Chippewa**	This grant proposes to reuse, leverage, and enhance the new Local Assessments Management Module (LAMM) and expand its adoption by EPA Region 5 tribal partnership members; add support for fish consumption advisory evaluation, documentation, tracking, and publication to their existing tribal consortium water quality data management and sharing system; and extend tribal capacity.	$400,000	9/11/2020
84011101	Tribe, Region 9 - **Owens Valley Indian Water Commission**	This grant project proposes to leverage two SQL-based databases for enhanced environmental data management and sharing, create environmental dashboards for elevated data sharing with partners, and generate a shared tribal CWA Water Quality Assessment Report Tool to ease reporting.	$196,727	8/24/2020
84012601	Tribe, Region 1 - **Penobscot Nation**	This grant proposes to implement an enhanced database that will improve the management, review, quality control checking, analysis. Project benefits include creating a process for publishing continuous data to the Interoperable Watersheds Network using EPA's data appliance; developing new data entry and review forms that will streamline the process for sharing benthic macroinvertebrate data with the Maine Department of Environmental Protection; and providing the ability to submit data to WQX 3.0.	$399,522	9/14/2020
99267205	Tribe, Region 2 - **Saint Regis Mohawk Tribe**	This project proposes to create an electronic database/portal for all tribal members to access environmental data; and create a portal which would allow submission of environmental applications electronically.	$199,096	11/2/2020

84012501	Tribe, Region 10 - **Shoshone-Bannock Tribes of the Fort Hall Reservation**	This project proposes to implement an interdepartmental environmental asset and workflow management visual database, and build informative, project-based public websites to display environmental findings to tribal membership and the community.	$193,160	9/17/2020
84010601	Tribe, Region 9 - **Shoshone-Paiute Tribes of the Duck Valley Reservation**	This project proposes to implement an interdepartmental environmental asset and workflow management visual database, and build informative project-based public websites to display environmental findings to tribal membership and the community.	$199,937	10/28/2020