

FY 2012 EXCHANGE NETWORK GRANT PROGRAM AWARDS
Office of Environmental Information
U.S. Environmental Protection Agency
FY 12 Grants

FY 2012 EXCHANGE NETWORK GRANT PROGRAM RECIPIENTS		
Recipient Name	Total Number of Awards	Total Amount of Awards
States	31	\$5,723,302.00
Tribes	11	\$2,132,593.00
Territories	1	\$200,000.00
All Recipients	43	\$8,055,895.00

FY 2012 EXCHANGE NETWORK GRANT PROGRAM RECIPIENTS				
Recipient Name	Project Description	Registered Components	Award Amount	Award Date
STATES / INSTRUMENTALITIES OF THE STATE				
Alabama - Department of Environmental Management	The Alabama Department of Environmental Management (ADEM) proposes to participate in the EPA Integrated Project Team (IPT) as a Pilot Test State for the flow of enforcement data from the state Network Management System (NMS) to the Integrated Compliance Information System – National Pollutant Discharge Elimination System (ICIS-NPDES). ADEM also proposes to implement the flow of data from Alabama's NMS related to the Underground Injection Control (UIC) to EPA via the EN.	Not Available	\$150,000	8/13/2012

<p>Alaska - Department of Environment Conservation</p>	<p>The State of Alaska Department of Environmental Conservation (ADEC) proposes to add additional data families to the Integrated Compliance Information System-National Pollutant Discharge Elimination System (ICIS-NPDES) data exchange, including inspections; extend pilot test of Network Discharge Monitoring Reports (NetDMR) to additional Alaska Pollutant Discharge Elimination System (APDES) facilities; improve and increase participation in Alaska Department of Environmental Conservation's (ADEC) Water Online Application and reporting System (OASys); and enhance permitting system (DROPS) to meet the data requirements of ICIS-NPDES and to improve the quality of data to be exchanged. Furthermore, grant funds will be used to extend and improve quality and quantity of data flowing via Water Quality Exchange (WQX) and to restore and refresh data available via the Pacific Northwest Water Quality Exchange (PNWWQX).</p>	<p><i>Not Available</i></p>	<p>\$145,091</p>	<p>6/26/2012</p>
<p>California - Department of Water Resources</p>	<p>The California Department of Water Resources (DWR) proposes to import the Water Data Information System (WDIS) data into the Water Data Library (WDL); import historical Operations and Maintenance (O&M) data into the WDL; and implement Water Quality Exchange (WQX) flow.</p>	<p><i>Not Available</i></p>	<p>\$159,787</p>	<p>1/4/2012</p>
<p>Colorado - Department of Public Health and Environment</p>	<p>The Colorado Department of Public Health and Environment (CDPHE) proposes to implement a Resource Conservation and Recovery Act Information (RCRAInfo) Compliance Monitoring and Enforcement (CME) data exchange and implement Integrated Compliance Information System-National Pollutant Discharge Elimination System (ICIS-NPDES) data exchange for certain data families.</p>	<p><i>Not Available</i></p>	<p>\$187,476</p>	<p>7/3/2012</p>
<p>Colorado - Oil and Gas Conservation Commission</p>	<p>The Colorado Oil and Gas Conservation Commission proposes to implement the plug-in for the Underground Injection Control (UIC) module and map data from Colorado Oil and Gas Information System (COGIS).</p>	<p>10724</p>	<p>\$191,462</p>	<p>6/21/2012</p>

Delaware - Department of Health and Social Services	The Delaware Health and Social Services proposes to install the Lab-to-State application and extensible markup language (XML) sampling; update the Delaware Public Health Laboratory's laboratory information management system (LIMS) to allow Lab-to-State interface; and clean up deficiencies in the Safe Drinking Water Information System (SDWIS).	14181	\$200,000	8/9/2012
Florida - Department of Environmental Protection	The Florida Department of Environmental Protection proposes to enhance infrastructure to improve Exchange Network (EN) capabilities; implement the Underground Injection Controls (UIC) data exchange; and mentoring, planning and training for use of databases, node and data exchanges.	<i>Not Available</i>	\$189,511	7/10/2012
Georgia - Department of Natural Resources	The Georgia Department of Natural Resources proposes to implement the Air Quality System (AQS) flow and environmental monitoring site web service and to implement the Net Discharge Monitoring Report (NetDMR) data flow.	14084	\$200,000	6/25/2012
Hawaii - Department of Health	The Hawaii Department of Health (DOH) proposes to implement Resource Conservation and Recovery Act Information (RCRAInfo) Outbound Services and integrate data received via this data exchange with the administration's existing Environmental Health Warehouse (EHW). The department also will design, develop, and implement the Facility Identification (FACID) 3.0 data flow and replace the existing Facility Registry System (FRS) data exchange.	<i>Not Available</i>	\$200,000	6/7/2012
Idaho - Department of Environmental Quality	The Idaho Department of Environmental Quality proposes to implement Air Quality System (AQS) and Underground Injection Control (UIC); initiate network publishing; and facilitate Facility Registry System (FRS) integration.	<i>Not Available</i>	\$200,000	6/26/2012

Indiana - Department of Environmental Management	The Indiana Department of Environmental Management proposes to implement the supporting systems to enable regulated facilities to electronically submit discharge monitoring reports (DMRs) and general permits notices of intent (NOIs) by the proposed January 2014 rule making that will enforce electronic submission of these data sets with at least a 90% compliance rate.	14180	\$180,000	6/19/2012
Iowa - Department of Natural Resources	The Iowa Department of Natural Resources proposes to enhance the Emissions Inventory System (EIS) flow and the Facility Flow. For the EIS flow, Iowa plans to add data elements and develop a plan to streamline data preparation. For the Facility Flow, Iowa plans to improve facility names, identifiers, and locations; and expand the programs and data elements that are integrated into the One Stop data warehouse.	<i>Not Available</i>	\$200,000	6/20/2012
Iowa - Iowa State Hygienic laboratory	The Iowa State Hygienic Laboratory (SHL) proposes to build an interface to build an interface to develop the Air Quality System (AQS) data strings for air toxics, carbonyls, metals and anions testing results directly from OpenELIS to support the IDNR Air Quality Monitoring Network; enhance Open Enterprise Laboratory Information System (OpenELIS) to support complete electronic Drinking Water Reporting (eDWR) data deliverables; and build additional modules to manage Safe Drinking Water Information System (SDWIS) state monitoring and reporting requirements.	<i>Not Available</i>	\$199,174	6/21/2012
Kansas - Department of Health and Environment	The Kansas Department of Health and Environment (KDHE) proposes to integrate the enforcement data into the compliance evaluation inspection (CEI) state-system for automation of the Resource Conservation Recovery Act Information (RCRAInfo) compliance, monitoring, enforcement (CME) data exchange to EPA's RCRAInfo.	14092	\$188,933	6/20/2012
Kansas - Department of Health and Environment	The Kansas Department of Health and Environment proposes to develop a SDWIS NexGen module for compliance monitoring data.	14091	\$346,691	6/20/2012

Kentucky - Department of Environmental Protection	The Kentucky Department for Environmental Protection proposes to update their E-DAS Ambient software to AirVision; upgrade their remote sites from analog to digital compunctions; and address all Air Quality System (AQS) Extensible Markup Language (XML) formats needed by EPA.	<i>Not Available</i>	\$104,650	8/28/2012
Louisiana - Department of Environmental Quality	The Louisiana Department of Environmental Quality proposes to flow Resource Conservation and Recovery Act Information (RCRAInfo) data from their enterprise environmental data system via the Exchange Network to EPA.	<i>Not Available</i>	\$200,000	5/30/2012
Minnesota - Pollution Control	The Minnesota Pollution Control Agency (MPCA) proposes to improve internal data management practices to achieve gains in efficiency and reliability and flow MPCA's ambient air quality data to EPA's AQS database using the Exchange Network (EN).	<i>Not Available</i>	\$85,427	6/25/2012
Mississippi - Department of Environmental Quality	The Mississippi Department of Environmental Quality (MDEQ) proposes to develop eReporting software for the MDEQ Baseline Storm Water General Permit for Industrial Activities; develop eReporting software for coverage under the MDEQ Concentrated Animal Feeding Operation (CAFO) Multimedia Pollution Control; and develop eReporting software for MDEQ Dry Litter Poultry Animal Feeding Operation (AFO).	<i>Not Available</i>	\$200,000	6/21/2012
Missouri - Department of Health and Senior Services	The Missouri Department of Health and Senior Services proposes to deploy the laboratory reporting tool (LIMS) in the State Public Health Library's (SPHL) Environmental Bacteriology Unit that conducts public drinking water analyses and to establish an automated data flow with the Safe Drinking Water Information System (SDWIS).	<i>Not Available</i>	\$165,475	7/24/2012

Missouri - Department of Natural Resources	The Missouri Department of Natural Resources proposes to implement a dataflow with the Release 2 and 3 data families to the Integrated Compliance Information System – National Pollutant Discharge Elimination System (ICIS-NPDES) via the Exchange Network (EN).	<i>Not Available</i>	\$199,983	7/2/2012
Montana - Department of Environmental Quality	The State of Montana proposes to flow ambient air quality monitoring data and related location and measurement data through Montana Department of Environmental Quality's (MTDEQ) Windsor Node 2.0 to the Air Quality System (AQS) database, as well as, implement database changes to accommodate dataflow and Assessment, Total Maximum Daily Load (TDML) Tracking And Implementation System (ATTAINS) ATT-Office of Water Integrated Report (OWIR) dataflow; Implement ATTAINS National Hydrography Dataset Events (NHDEvent) dataflow; and a Water Quality Exchange (WQX)/ATTAINS synchronization.	11377	\$200,000	7/3/2012
Nevada - Department of Conservation and Natural Resources	The Nevada Department of Conservation and Natural Resources proposes to upgrade the Emissions Inventory Systems (EIS) node plug-in to adapt to implementation of a new state data management system for emissions inventory data and to develop a custom ArcGIS web application for display of water quality data.	14200	\$94,236	6/22/2012
New Hampshire - Department of Environmental Services	By January 2013, develop a suite of environmental measures, based on data flowing over the Exchange Network as well as from other sources, that are well suited to be presented via a user-friendly, interactive webpage displaying a variety of real-time and long-term spatial environmental parameters. By March 2014, roll out an environmental dashboard on the NHDES web site that is a user-friendly, informative and attractive display of environmental information ranging from real-time snapshots to long-term trends on a local, regional and statewide scale.	<i>Not Available</i>	\$200,000	6/21/2012

New Jersey - Department of Environmental Protection	The New Jersey Department of Environmental Protection proposes to develop the interface, schema mapping and procedures to flow - Resource Conservation and Recovery Act Information (RCRAInfo) permitting data from the New Jersey Environmental Management Systems (NJEMS) enterprise environmental management system through the Central Data Exchange (CDX).	<i>Not Available</i>	\$150,000	6/14/2012
Ohio - Environmental Protection Agency	The Ohio Environmental Protection Agency proposes to complete the mapping of our (Air Quality System) AQS-related data to the AQS extensible markup language (XML) schema to successfully exchange these data on the Exchange Network (EN) with U.S. EPA and other partners. Additional Ohio EPA proposes to update the tools used to quality assure the ambient monitoring data make these tools accessible to Ohio EPA District Offices and appreciate local air agencies.	<i>Not Available</i>	\$200,000	6/21/2012
Oregon - Department of Environmental Quality	The Oregon Department of Environmental Quality (ODEQ) proposes to implement the Integrated Compliance Information System-National Pollutant Discharge Elimination System (ICIS-NPDES) data exchange; implement a multi-instance node in the cloud model; and to continue Exchange Network (EN) infrastructure progress.	14062	\$200,000	7/17/2012
Pennsylvania - Department of Environmental Protection	The Pennsylvania Department of Environmental Protection (PADEP) proposes to continue to develop and deploy additional flows included in EPA's Phase 1 Data Flow Project, as well as add two new national data exchanges. The department will also continue to upgrade and migrate existing flows from PADEP's Node 1.1 to its Node 2.0 environment. Finally, PADEP would like to integrate from at least two or three of these flows to the enterprise level by utilizing web services or the metadata to publish data through the corporate business intelligence suite of Business Objects data access tools.	<i>Not Available</i>	\$195,920	7/3/2012

Texas - Commission on Environmental Quality	The Texas Commission on Environmental Quality proposes to develop the Integrated Compliance Information System-National Pollutant Discharge Elimination System (ICIS-NPDES) permits dataflow and complete implementation of a Cross Media Electronic Reporting Rule (CROMERR)-compliant data submittal system, which will allow for the development of a non-NextGen Safe Drinking Water Information System (SDWIS) dataflow.	14098	\$200,000	6/25/2012
Virginia - Department of Enviornmental Quality	The Virginia Department of Environmental Quality proposes to execute the technical modifications needed for the Comprehensive Environmental Data System – Virginia Pollutant Discharge Elimination System (CEDS-VPDES) application and to enable the data exchange flow from CEDS-VPDES to Integrated Compliance Information System-National Pollutant Discharge Elimination System (ICIS-NPDES).	<i>Not Available</i>	\$200,000	7/17/2012
Washington - Department of Ecology	The Washington State Department of Ecology proposes to upgrade their electronic reporting system to be CROMERR compliant.	<i>Not Available</i>	\$189,486	7/3/2012
TRIBES				
Tribe, Region 6 - Eight Northern Indian Pueblo Council	The Eight Northern Pueblo's Council proposes to implement a cloud-based Ambient Water Quality Management System (AWQMS) database and application; load data into the AWQMS and flow it to Water Quality Exchange (WQX) on a regular basis; create a peer partner network; provide tribal training on AWQMS; and enhance reporting and data analysis capabilities.	<i>Not Available</i>	\$314,032	7/17/2012

Tribe, Region 9 - Gila River Indian Community	The Gila River Indian Community (GRIC) proposes to implement a node to automate data flow; develop an Air Quality System (AQS) node-to-node data exchange system; and develop a training package for other departmental programs to learn from, and potentially use. Requested grant funds will be utilized to assess and prepare GRIC to purchase and implement necessary hardware, software, and infrastructure needed to participate in the Exchange Network (EN).	<i>Not Available</i>	\$156,634	6/19/2012
Tribe, Region 9 - Hualapai Tribe	The Hualapai Department of Natural Resources proposes to utilize Water Quality Exchange (WQX) v2.0 to flow biological and habitat monitoring parameters, improving geographic information system (GIS) capabilities and the integration of geospatial datasets.	<i>Not Available</i>	\$200,000	6/20/2012
Tribe, Region 6 - Iowa Tribe of Oklahoma	The Iowa Tribe of Oklahoma proposes to develop a biological data and statistical analysis, solicit and introduce additional Tribes to the Exchange Network, create a Peer Trainer Network, and expand mapping and analysis capabilities.	<i>Not Available</i>	\$181,930	7/10/2012
Tribe, Region 6 - Kaw Nation	The Kaw Nation Environmental Department (KNED) proposes to develop an Open Dump compatible database and software application and develop an Open Dump data flow.	14118	\$74,446	5/31/2012
Tribe, Region 9 - Navajo Nation	The Navajo Nation Environmental Protection Agency (NNEPA) proposes to develop and implement the Air Quality System (AQS) data flow; develop Office of Water Integrated Report (OWIR)-ATT node 2.0 plug-in and establish dataflow; address key training and mentoring needs to the NNEPA Exchange Network (EN) users.	<i>Not Available</i>	\$200,000	7/11/2012
Tribe, Region 10 - Northwest Indian Fisheries Commission	The Northwest Indian Fisheries Commission proposes to design and develop a nearshore data exchange.	<i>Not Available</i>	\$350,000	6/20/2012

Tribe, Region 10 - Port Gamble Indian Community	The Port Gamble S'Klallam Tribe Natural Resource Department proposes to develop and deploy the air quality system (AQS) dataflow and juvenile migrant exchange (JMX) data flows.	<i>Not Available</i>	\$127,430	5/30/2012
Tribe, Region 10 - Seldovia Village Tribe	The Seldovia Village Tribe (SVT) EPA proposes to establish and implement an air air quality system (AQS) network data exchange so air quality data collected by SVT personnel can be uploaded and shared with EPA and other partners on our pre-existing network node and spatial viewer.	14089	\$153,613	7/17/2012
Tribe, Region 2 - St. Regis Mohawk Tribe	he St. Regis Mohawk Tribe (SRMT) proposes to convert current Node 2.0 submissions to the multi-instance node in the cloud; develop the ability to exchange a variety of data with a number of partners; continue frequent and efficient submissions of air quality system (AQS) data; continue frequent and efficient submissions of water quality exchange (WQX) data; ensure better data quality through the use of data standards and data validation/error detection; add lead measurements to AQS database; add historical data to WQX database; and index data to facilitate analysis.	15038	\$24,508	6/22/2012
Tribe, Region 9 - Walker River Paiute Tribe	The Walker River Paiute Tribe proposes to develop and deploy a web services client that exchange network partners can use to upload their air quality data to the EPA AQS (Air Quality System) in XML format and EPA Water Quality Exchange (WQX) format. The tribe will also enhance existing priority data exchanges and build tribal capacity with mentoring tribes and adding five new tribal Exchange Network (EN) partners.	<i>Not Available</i>	\$350,000	7/9/2012
TERRITORIES				
Guam - Environmental Protection Agency	The Guam Environmental Protection Agency proposes to implement final infrastructure improvements for Exchange Network (EN) participation and to develop and implement the Guam Facility Registry System (GFRS).	<i>Not Available</i>	\$200,000	9/20/2012