

**FY 2012 EXCHANGE NETWORK GRANT PROGRAM AWARDS**  
**Office of Environmental Information**  
**U.S. Environmental Protection Agency**  
**September 10, 2012**

<b>FY 2012 EXCHANGE NETWORK GRANT PROGRAM - TOTALS</b>		
<b>Type of Recipient</b>	<b>Total Number of Awards</b>	<b>Total Amount of Awards</b>
Tribes	11	\$2,132,593
States	31	\$5,777,323
Territories	1	\$200,000
All Recipients	42	\$8,109,916

## FY 2012 EXCHANGE NETWORK GRANT PROGRAM – RECIPIENTS

Recipient Name	Project Description	Award Amount	Award Date
<b>STATES</b>			
<b>Alabama</b> Dept. 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.	\$ 150,000	8/13/2012
<b>Alaska</b> Dept. of Environmental Conservation	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).	\$ 199,112	6/26/2012
<b>California</b> Dept. of Water Resources	The California Department of Water Resources (DWR) proposes to integrate two DWR datasets into the existing Water Data Library (WDL), implement a WQX exchange for data housed in the WDL and establish monthly data flows from the WDL to the Exchange Network.	\$ 117,845	1/04/12

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<b>California</b> Dept. of Toxic Substances Control	The California Department of Toxic Substances Control proposes to integrate the historical hard copy documents related to DTSC's Site Cleanup, Permitting and Enforcement activities into EnviroStor and to develop interconnectivity between DTSC's EnviroStor database and U.S. EPA's Envirofacts database systems.	\$ 159,787	6/18/2012
<b>Colorado</b> Dept. of Public Health and Environment	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.	\$ 187,476	7/3/2012
<b>Colorado</b> Oil and Gas Conservation Commission	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).	\$ 191,462	6/21/2012
<b>Delaware</b> 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).	\$ 200,000	8/9/2012
<b>Florida</b> Dept. 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.	\$ 189,511	7/10/2012
<b>Georgia</b> Dept. 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.	\$ 200,000	6/25/2012

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<b>Hawaii</b> Dept. 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.	\$ 200,000	6/7/2012
<b>Idaho</b> Dept. 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.	\$ 200,000	6/26/2012
<b>Indiana</b> Dept. 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) to the state and build/ expand data flows for this information to the EPA's ICIS-NPDES system.	\$ 180,000	6/19/2012
<b>Iowa</b> Dept. 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.	\$ 200,000	6/20/2012

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<b>Iowa</b> 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.	\$ 199,174	6/21/2012
<b>Kansas</b> Dept. 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.	\$ 188,933	6/20/2012
<b>Kansas</b> Dept. of Health and Environment	The Kansas Department of Health and Environment proposes to develop a SDWIS NexGen module for compliance monitoring data.	\$ 346,691	6/20/2012
<b>Louisiana</b> Dept. 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.	\$ 200,000	5/30/2012
<b>Minnesota</b> Pollution Control Agency	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).	\$ 85,427	6/25/2012

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<b>Mississippi</b> 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).	\$ 200,000	6/21/2012
<b>Missouri</b> Dept. 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).	\$ 165,475	7/24/2012
<b>Montana</b> Dept. 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.	\$ 200,000	7/3/2012
<b>Nevada</b> Dept. of Conservation & 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.	\$ 94,236	6/22/2012

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<p><b>New Hampshire</b> Dept of Environmental Services</p>	<p>The New Hampshire Department of Environmental Services plans to 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 January 2013. 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</p>	\$ 200,000	6/21/2012
<p><b>New Jersey</b> Dept. of Environmental Protection</p>	<p>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).</p>	\$ 150,000	6/14/2012
<p><b>Ohio</b> Environmental Protection Agency</p>	<p>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.</p>	\$ 200,000	6/21/2012
<p><b>Oregon</b> Dept. of Environmental Quality</p>	<p>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.</p>	\$ 200,000	7/17/2012

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<b>Pennsylvania</b> Dept. 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.	\$ 195920	7/3/2012
<b>Texas</b> Commission of 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.	\$ 200,000	6/25/2012
<b>Virginia</b> Dept. of Environmental 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).	\$ 200,000	7/17/2012
<b>Washington</b> Dept. Of Ecology	The Washington State Department of Ecology proposes to upgrade their electronic reporting system to be CROMERR compliant.	\$ 189,486	7/3/2012
<b>TRIBES</b>			
<b>Seldovia Village Tribe</b> Alaska	Seldovia Village Tribe plans to establish and implement an 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. Our main goal is to develop our capability and to implement an AQS Network Data Exchange.	\$ 153,613	7/17/2012



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<b>Hualapai Tribe</b> Arizona	The Hualapai Department of Natural Resources proposed to conduct activities to support network infrastructure development and data exchange, analysis and integration enhancement.	\$ 200,000	6/20/2012
<b>Navajo Nation</b> Arizona	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.	\$ 200,000	7/11/2012
<b>Gila River Indian Community</b> Arizona	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).	\$ 200,000	6/19/2012
<b>Walker River Paiute Tribe</b> Nevada	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.	\$ 350,000	7/9/2012
<b>Eight Northern Indian Pueblo Council</b> New Mexico	The Eight Northern Indian Pueblo Council's New Mexico Inter- Tribal WQX Data Flow implementation and outreach project will ensure participating pueblos and tribes have improved tribal data management capabilities and are successfully uploading tribal water quality data to EPA via WQX.	\$ 314,032	7/17/2012

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<b>St. Regis Mohawk Tribe</b> New York	The St. Regis Mohawk Tribe Environmental Division is seeking to further develop its' network capabilities and infrastructure through the attainment of an implementation grant. The Division will implement functions that make use of technical infrastructure improvement acquired with NEIEN Readiness funding received for FY2009.	\$ 24,508	6/22/2012
<b>Iowa Tribe of Oklahoma</b> 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.	\$ 181,930	7/10/2012
<b>Kaw Nation</b> Oklahoma	The Kaw Nation Environmental Department (KNED) proposes to develop an Open Dump compatible database and software application and develop an Open Dump data flow.	\$ 74,446	5/31/2012
<b>Northwest Indian Fisheries Commission</b> Washington	The Northwest Indian Fisheries Commission proposes to design and develop a nearshore data exchange.	\$ 350,000	6/20/2012
<b>Port Gamble S'Klallam Tribe</b> Washington	The scope of the work proposed is to establish an ambient air quality monitoring capability at Port Gamble S'Klallam Tribe (PGST). The PGST plan to implement the necessary plugin capability to the existing PGST Open Node 2.0 to flow the collected air quality data to the EPA AQS. The PGST will continue to develop the capability of processing up to five regulatory and national system flow data exchanges.	\$ 127,430	5/30/2012
<b>TERRITORIES</b>			
<b>Guam</b>	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).	\$ 200,000	9/20/2012