A Growing Collaboration:
The National Exchange of Environmental Information
Tribal Exchange Network Users’ Conference
May 4, 2011
Purpose of Discussion

- Welcome
- Provide background information about the Exchange Network
- Highlight Exchange Network Benefits to Tribes
- Understand potential program improvements to increase and expand tribal participation in the Network
Exchange Network: Background

- A partnership to support better environmental decisions through improved access to, and exchange of, improved environmental information
- Tools and services that help environmental agency staff integrate, analyze and report data
- Data and Technology Standards that allow for data to be integrated regardless of the technology
- Secure data exchanges over the Internet
- More efficient business operations that improves data quality and timeliness
- Value: Cost, quality, timeliness, web-ready, geo-enabled, reusable, standardized, data-based environmental decision making
How Can the EN Help Tribes?

- **Stronger decision-making**
  - Easier access
  - Improved data quality
  - Increased timeliness

- **Efficient data management**
  - One data source; one data steward
  - Eliminates dual data entry
  - More efficient business operations

- **Broader access**
  - Inter- and Intra-state/tribe exchanges of environmental data
  - Timely data to assist first responders and local organizations
EN Benefits to Tribes

• Access to environmental and health information:
  ➢ Water and air quality data

• Share information with other agencies:
  ➢ Open dump information to EPA and Indian Health Service (IHS)

• Comply with federal regulations:
  ➢ Air Quality data
  ➢ Water Quality funding

• Provide evidence to Congress to obtain funds to address environmental issues:
  ➢ Solid waste, clean water

• “Build Once / Use Many” will allow new tribal partners to benefit from past state and tribal efforts to exchange data
Exchange Network: Tribal Accomplishments

- Participation in 2010 Environmental Information Symposium
- Participation in 2011 EN National Meeting
- Conducted National Tribal Capacity Baseline Survey
  - Basis for program improvements based on specific tribal needs
  - Foundation for budget justifications to increase tribal participation
- Establishment of the Tribal Governance Group (TGG)
- Tribal Success Stories Available
- Large Increase in Tribal Data Flows
  - 88 tribes reporting data to EPA as of 12/30/2010
- Annual Tribal Exchange Network Users Conference
Tribal Numbers by Year

- 118 Tribal Grants awarded (through 2010)
  ➢ $19.1M Total
- FY 2011 grants are currently being processed, tribal applicants will receive approximately $1.7M in additional funding

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Total Awards</th>
<th>Value of EN Awards</th>
<th>Tribal Applications</th>
<th>Tribal Awards</th>
<th>Value of Tribal Awards</th>
<th>Tribal Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>2002</td>
<td>73</td>
<td>$24,996,784</td>
<td>21</td>
<td>17</td>
<td>$2,241,356</td>
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<td>2003</td>
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<td>$19,321,018</td>
<td>23</td>
<td>17</td>
<td>$1,852,996</td>
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<td>2004</td>
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<td>$20,223,308</td>
<td>23</td>
<td>19</td>
<td>$2,554,706</td>
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<tr>
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<td>$19,554,418</td>
<td>20</td>
<td>13</td>
<td>$1,648,264</td>
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<td>2006</td>
<td>61</td>
<td>$19,695,253</td>
<td>17</td>
<td>10</td>
<td>$1,993,811</td>
<td>10.1%</td>
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<tr>
<td>2007</td>
<td>58</td>
<td>$14,708,146</td>
<td>24</td>
<td>16</td>
<td>$3,011,421</td>
<td>20.5%</td>
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<tr>
<td>2008</td>
<td>56</td>
<td>$13,699,667</td>
<td>15</td>
<td>9</td>
<td>$2,236,182</td>
<td>16.3%</td>
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<td>2009</td>
<td>48</td>
<td>$11,664,142</td>
<td>20</td>
<td>9</td>
<td>$1,980,751</td>
<td>17.0%</td>
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<td>2010</td>
<td>45</td>
<td>$8,682,696</td>
<td>14</td>
<td>8</td>
<td>$1,628,725</td>
<td>18.8%</td>
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<tr>
<td>Total</td>
<td>521</td>
<td>$152,545,432</td>
<td>118</td>
<td></td>
<td>$19,148,212</td>
<td>13.6%</td>
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FY 2012 Grants Program

• $10 million requested in the FY12 President’s Budget
• FY12 Solicitation Notice expected to be published in July 2011
• Application Deadline expected to be November 4, 2011
• Grants Application process to be discussed in detail Thursday morning session
Measuring EN Success

- The Klamath River and the Yurok Tribe in Northern California share a heart. If the river is not healthy, neither is the Tribe.
  **SOLUTION:** Improve the Yurok Tribe’s capacity to identify watershed management issues and share real-time information with users of the Klamath River

- Member tribes of the Northwest Indian Fisheries Commission needed assistance in developing environmental reporting infrastructure
  **SOLUTION:** A NWIFC Grant provided needed funds to develop an Exchange Network Node with Node Clients for member tribes
Resources for EN Participation

- www.exchangethrenetwork.net
  - Sign up for Exchange Network Alerts
  - EN Tribal Partner Existing Solutions
  - Success Stories
  - Tribal Representatives on EN Governance (TGG)

- www.epa.gov/exchangethrenetwork
  - Apply for an EN Grant

  - Exchange Network Wiki
EPA Exchange Network Tribal Outreach

- The Network Governance continue to seek to increase tribal awareness of and participation in the Exchange Network
  - What can we do better?
  - Are the Regional Exchange Network Coordinators meeting your needs?
  - Are you able to find the information you need on our websites?

- Other Questions?
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